Oil News

Sold Oil Field Once, Hopes to Sell It Again

Gazette 7-3-37

Rodessa Discoverer Tries for New Deep Producing Level.

Shreveport, La. — R. W. Norton, the Shreveport independent who discovered the Rodessa field in August, 1930, gave the field its first indication of Permian lime on the eve of the area's second birthday as an oil field on July 12.

Norton drilled the discovery gas well almost five years before United Gas Public Service Company completed No. 1 I. L. Young, section 21-23n-16w, on July 12, 1935, as the field's first oil well.

Now comes Norton again to drill the deepest test in the field—in fact the deepest ever sunk in north Louisiana, Arkansas, or East Texas—and finds the Permian salt at total depth of 11,470 feet in No. 1 Payne, section 27-23n-16w. However, after penetrating 16 feet into the salt he plugged back the well to 10,600 feet. He probably will test producing possibilities of the lower Marine horizon that has been productive in the Cotton Valley field and where his test logged a number of showings.

Norton sold his holdings in Rodessa for several millions, but he sold only the horizons producing at the present time, approximately between 5,500 and 6,100 feet, so if he should open producing zones below that he has a vast area of potentially productive territory. His No. 1 Paynes is the first test ever to encounter the Permian salt in North Louisiana.

Developments at Rodessa were not entirely confined to Norton and the field's second birthday, however. In the Lodi sector, Marion county, Tex., the Hunter Company completed No. 2 E. D. Fonda A, de los Tantos Coy survey, 632 feet northwest of their No. 1, flowing 30 barrels of oil daily through 7-16 inch choke from total depth of 6,096 feet, in the Gloyd horizon. In the same headright, Arkansas-Louisiana Gas Company, after logging 36 feet of saturated Coquina lime at bottom of the hole, 6,076 feet, was testing after setting casing.

The same company's No. 1 C. C. Braden, Thomas Hansen Survey, Marion county, that went to 6,870 feet without getting production and was plugged back to 5,970 feet and was completed at the upper level gauging 5,010,000 cubic feet of gas through quarter-inch tubing choke, with an estimated open flow yield of 50 million feet daily.

The Miller county, Ark., extension well of the Rodessa field, No. 1 Capps of W. L. McClanahan, was revived after being acidized when it went dead when tubing was installed. It is averaging 20 barrels per hour since revival. Operators discussed problems of this area with Arkansas Conservation Commission officials this week at Texarkana, and officials promised a sane and orderly development of the field. A 10-acre space rule is in effect.

North Lousiana's new oil field in DeSoto parish, as indicated by Pullman Oil Company's No. A-1 Ramsey, section 36-11n-11w, received attention of many independents who are doing heavy trading there, but majors looked at the field with some caution, only two of the latter, Texas Company and Magnolia having taken any leases and these being north and northeast. The well is producing 21 barrels of 39.6 gravity oil per hour through small choke and the well has 30 feet of saturated Paluxy sand at total depth of 2,961 feet

Gulf Refining Company has recently leased over 1,300 acres in the Greenwood district, township 16 north, range 16 west, Caddo parish, Stanolind Oil and Gas Company continues to lease around the Pine Island field where it plans an early 7,000-foot test. Gulf has also taken new interest in adding to its block in Bienville parish near Caster and is trying to get acreage that it once spurned in that area. Tidewater Association and Magnolia Petroleum Company continue to take acreage around the flanks of the Cotton Valley field. Magnolia keeps a geophysical party in the area east of Haynesville, Claiborne parish.

Approximately twenty tests are drilling in the Lisbon district, Claiborne and Lincoln parishes with a dozen others rigging up. Of three producers completed there this week, the best was Magnolia Petroleum Company's No. 2 E. M. English, section 31-21n-4w, that had more than 20 pounds.

Trading continues active at Lisbon, the largest recent sale being the 320 acres comprising the west half of section 1-20n-5w, sold by M. M. Morelock et al. to Sloan and Zcok Company for $75,000 cash and $25,000 due next year, with an overriding royalty on wells producing over 50 barrels daily and 1-32 overriding royalty on wells less than 50 barrels.

With 15 wells drilling in the Schuler field, Union county, Ark., which has four producers, main interest in that field last week centered in Alice Sidney Oil Company's No. 1 Powledge, section 7-18-17, one-half mile north of production which was arranging to core deeper from 5,719 feet, having logged four feet of saturation just above that level. Phillips Petroleum Company's No. 1 Justiss, section 18-18-17, west offset to a producer, was coring at 5,610 feet, after getting some saturation at 5,598 feet, this two feet being all that was logged at this level which is the horizon from which the producing offset is making oil. Lion Oil Refining Company's No. B-2 Morgan, section 18-18-17, next deepest well is coring below 5,545 feet.

E. H. Moore, Incorporated, has completed fishing job and is ready to drill ahead from 7,310 feet in No. 2 Dale, section 24-15-26, deep Miller county, Ark., wildcat, which is 32 feet in the Big lime Standard of Louisiana's No. 1 Harvey, section 33-16-26, proposed 9,000-foot test on a geophysical prospect, is drilling below 5,750 feet.

Standard of Louisiana has a geophysical unit working in townships 17 and 18, range 16 and 17 of Union county, and several other counties in south Arkansas are the scenes of geophysical work.

Oil News

Proration to Be Discussed At Texarkana

Democrat 7-4-37

Rodessa Extension Creates Problem—Shuler Field Active.

Shreveport, La.—Problems having to do with development of the newly opened Arkansas extension of the Rodessa field into Miller county, divided interest this week with the development of an intensive drilling campaign which has begun across the line in that state which has been "oil thirsty" during all the years when other states with an oversupply of oil had to resort to proration and curtailment.

W. L. McClanahan and associates' No. 1 Capps, section 11-20-28, which made Rodessa into a three states' field, this week gauged 607 barrels in 24 hours, flowing 41 gravity oil through a small vent in the gate valve, which later was further reduced, and the well flowed 457 barrels in 24 hours.

Meanwhile with 12 new locations announced in that extension, permits to drill having been issued for 10 of these tests, the Arkansas board of conservation has called an informal hearing at Texarkana for July 7 when problems having to do with this extension in Arkansas will be discussed. Arkansas for the time being at least has announced that one well will be allowed to each 10 acres, the same space ruling as previously promulgated for the Shuler field.

Rodessa, aside from the Arkansas extension developments had a quiet week. The recently opened eight and one-half-mile southwest extension into Marion county, Texas, had its second test to reach the Gloyd producing horizon in the Hunter Company's No. 2 Fenda A. de los Bantos Coy survey, one location northwest of the same company's No. 1 Fonda, the discovery well. The second test logged 18 feet of saturation and had casing set. Total depth is 6,095 feet. Four other tests, all in the same survey, are drilling, on of them, Arkansas-Louisiana Gas Company's No. 1 Allen Houston, being down to 6,000 feet.

United Gas Company and associates were ready to drill plug and test No. 1 Caskey, section 7-10n-5w, Claiborne parish, Sugar Creek field at total depth of 5,702 feet in the Travis Peak, which has yielded three oil wells so far in that district. Pullman Oil Company (Grogan et al.) is ready to drill plug and test No. A-1 Ramsey, section 36-11n-11w, De Soto parish wildcat that recently showed 22 joints of oil at 2,961 feet in the Paluxy.

Magnolia Petroleum Company is expected to announce location shortly for an 8,500-foot test in the old Shongalee field, Webster parish in township 23 north, range 9 west.

Geophysical option on a 125,000-acre block owned b ythe Tensas Delta Land Company, in townships 4, 5, 6 and 7, ranges 3, 4 and 5 east, is being sought by the California company which has shown a great deal of interest recently in geophysical work along the Conroe trend in central Louisiana and southwest Mississippi.

Ohio Oil Company is planning a deep test at an early date in the old Haynesville field, Claiborne parish, and has been offering bonus on leases that have been inactive because of depletion in the Ozan horizon and therefore not actively producing recently. Ohio recently completed an extensive seismic survey in West Carroll parish, northeast Louisiana and has three land men taking leases in that area.

Ten Shuler Wells Drilling.

Arkansas, besides having entered the picture at Rodessa by virtue of a recent extension, continues to see an active drilling campaign in the new Shuler field, where 10 tests are drilling with as many more rigging up or having locations. Lion Oil Refining Company's No. B-1 Edna Morgan, section 18-18-17, that had to be plugged back to 5,790 feet after showing salt water with the oil at 5,797-5,826 feet when tested, had casing perforated last week from 5,731 to 5,737 feet and was recompleted flowing 86 barrels of oil the first hour and then being choked to 40 barrels per hour through quarter-inch tubing choke.

One-half mile north of the four producers in this field Alice Sidney Oil Company's No. 1 Powledge, section 7-18-7, was drilling below 5,487 feet, This test topped Glen Rose only one foot lower than the northernmost of the quartet of producers in section 18-18-17. It has been shown by logs of these wells that the interval between top of the Travis Peak and present water level, tentatively placed at 5,797 feet, is 315 feet, indicating a heavy possible producing horizon. Gulf Oil Corporation is now the heaviest purchaser of acreage at Shuler and has acquired recently several hundred acres in townships 17, 18 and 19, ranges 16 and 17.

A. V. Erwin and associates, who have a 4,000-acre block around section 2-18-27, Miller county, are reported planning an early Glen Rose test. In this county Magnolia Petroleum Company has recently been buying in township 16, range 28. Deep Rock Oil Company has been escrowing leases in Columbia county.

Nivla Oil Corporation last week abandoned at 4,503 feet its No. 1 DeLay, section 19-15-24, LaFayette county, as a dry hole. E. H. Moore's No. 2 Dale, section 24-15-26, Miller county, missed two drill stem tests last week at total depth of 7,130 feet and was later trying for another. This test lost all but three feet of two 20-foot cores before making the test.

Week's Completions.

Six wells, all oil producers, were completed last week in the old Pine Island field, Caddo parish, which has been active in recent weeks.

A list of north Louisiana completions, aside from Rodessa and Lisbon, follows:

Caddo parish (Pine Island)—W. D. Ambrose, No. 1 Pender, section 11-20n-15w, pumping 50 barrels daily at 2,215 feet; No. B-1 Pender, section 11-20n-15w, flowing 300 barrels daily by heads at 2,201 feet; Hencock and Ullman, No. 1 S. C. Helpman, section 16-21n-16w, pumping 25 barrels daily at 1,004 feet; Tom Pappas et al, No. 2 Spell, section 28-21n-15w, flowing by heads 300 barrels daily at 1,652 feet; Stanolind O. & G. Co., No. 12 Slattery, section 27-21n-15w, pumping 50 barrels at 1,667 feet; Surf Oil Co., No. 2 Self, section 10-20n-15w, pumping 50 barrels at 2,204 feet.

De Soto parish—R. M. Sundby et al, No. 1 A. P. Garland, section 7-14n-14w, dry, abandoned at 5,620 feet.

Lincoln parish—Glassell & Glassell, No. 1 A. P. Gray, section 16-20n-3w, dry, abandoned at 5,620 feet.

Sabine Parish (Converse) — Producers O. & G. Co., No. 1 Mary Gains, section 30-9n-13w, dry, abandoned at 2,100 feet; W. G. Ray Drilling Co., No. 4 Burkett, section 10-9n-13w, pumping eight barrels daily at 2,001 feet.

Ouachita parish (Monroe) — Hope Production Co., No. 9 Cole Heirs, section 38-19n-3e, two million feet gas at 2,171 feet.

Union parish (Monroe)—Interstate Nat. Gas Co., No. 65 Fee, section 19-21n-4e, twelve million feet gas at 2,127 feet.

Completions in Arkansas follow:

LaFayette county—Nivla Oil Corp. et al, No. 1 DeLay, section 19-15-24, dry, abandon at 4,503 feet.

Nevada county—W. S. King, No. 1 Wren, section 6-13-22, dry, abandoned at 3,170 feet; Walter Lown, No. 1 P. S. Grayson, section 12-14-20, salt water, abandoned at 2,400 feet.

Ouachita county—H. H. Taylor, No. 1 Joe McCree, section 21-13-19, dry, abandoned at 3,004 feet.

With the Lisbon field, Claiborne parish, having a daily average yield of 14,152 barrels, daily production last week in north Louisiana averaged 87,150 barrels. The Louisiana side of Rodessa had an average of 48,559 barrels.

Arkansas's average last week was 29,060 barrels of which 2,255 barrels was from the new Shuler field, Union county. Daily average in other Arkansas districts follows: El Dorado, 1,532 barrels; Calion, light, 1,500 barrels; Galion, heavy, 1,715 barrels; Smackover, light, 2,303 barrels; Smackover, heavy, 16,907 barrels; Lisbon, 275 barrels; Nevada county, 1,285 barrels; Stephens, 567 barrels; Miller county, 709 barrels; Camden, 12 barrels.

Other districts in north Louisiana had the following daily average production: Caddo, light, 4,002 barrels; Caddo, heavy, 2,569 barrels; Red River-DeSoto, 1,608 barrels; Elm Grove and Sligo, 1,035; Homer, 2,485 barrels; Haynesville, 2,986 barrels; Cartersville, 312 barrels; Cotton Valley, 3,522 barrels; Urania, 2,884 barrels; Pleasant Hill, 108 barrels; Zwolla-Converse, 1,419 barrels; Holly, 130 barrels; Bellevue, 743 barrels; Sugar Creek, 636 barrels.

OIL NEWS

New Wells Coring In Shuler Field

Special to the Gazette. 7-8-37

El Dorado, July 17.—Operations in the Shuler area west of El Dorado are being watched with much interest this week as several wells which have been coring in the vicinity of the sands from which four producers have been completed have as yet failed to encounter showings sufficient to make producers. Several of the tests have from time to time encountered "traces" and "odors" of oil and gas showings but none as yet has made as good a showing as any of the four completed producers.

Drilling activities are well under way on the Rodessa extension in the southern part of Miller county where five wells have been started around the W. L. McClannahan discovery producer and five other tests are being rigged up for operations to be started in a short time.

At present there are 10 wells in the area that are coring at varying depths below 5,500 feet and another is expected to start coring this week-end. Operators on another test continued this week in efforts to dislodge a drill stem stuck about the 5,300-foot level. Five other tests are drilling above the sands and are expected to start coring next week. Three completed wells are producing and one test completed as a producer has been shut in for casing perforation operations at a higher level.

Operators on the Morgan B-1 well of the Lion Oil Refining Company in the southwest corner of the northwest quarter of the southeast quarter of Section 18-18-17, which was completed two weeks ago as a producer of 200 barrels of oil and 5,000,000 cubic feet of gas daily through a quarter-inch choke at 5,731 to 5,738 feet, closed in the well this week for casing perforations in a sand at a higher level. Officials of the Lion company declined to give any information on the operations of the well until the operation is completed and no information could be obtained as to what level the perforations will be made. Several good sands were encountered in the well in coring and drilling operations.

Two Tests Show.

The Lion company reported slight showings of oil and gas in cores in two of its four other tests in the area. The Morgan B-2 test, a west offset to the Alice Sidney producer in the northeast corner of the northwest quarter of the southeast quarter of Section 18-18-17, showed slight oil and gas showings in a core at 5,687 to 5,697 feet but no drill stem test was made and coring was resumed. Pin point showings of oil and gas were obtained in cores around 5,619 feet in the Morgan A-2 test of the Lion company, a south offset to the Marine producer in the northwest corner of lot 1 in the southwest quarter of Section 18-18-17, but the showing was not sufficient to warrant a drill stem test and coring was resumed.

Coring operations on the Justiss A-1 of the Lion company in the northeast corner of the northwest quarter of the northeast quarter of Section 19-18-17 were started at 5,490 feet this week and the Morgan A-2 of the same company, a west offset to the Morgan B-1 test in the southeast corner of lot 1 in the southwest quarter of Section 18-18-17, after being shut down two days for lack of fuel, resumed drilling below 3,805 feet.

Jones, Murphy & Hurley reported slight oil and gas showings in their Murphy Land Company B-1 test, a west outpost test located in the southwest corner of the southeast quarter of the northeast quarter of Section 13-18-18, nearly a mile west of production but coring was continued when the showing was not considered good enough to make a drill stem test. The showing was obtained in gray and blue Rainbow shale at 5,567 feet.

The same operators were coring in gray and blue Rainbow shale at a depth of 5,678 feet in their Murphy Land Company A-1 test in the northwest corner of the northeast quarter of the northeast quarter of Section 19-18-17, a south outpost test. The same operators started coring on the C. H. Murphy No. 1 test around 5,500 feet after running a Slumberger test on the well at 5,450 feet. The test is located in the northwest corner of lot 6 in the northwest quarter of Section 19-18-17.

Gallagher Drilling.

The Katherine Gallagher No. 1 of Jones, Murphy and Hurley, located in the northeast corner of lot 4 in the northwest quarter of Section 19-18-17 was drilling below 2,100 feet and the Marine Oil Company No. 1 of the same operators in the northwest corner of the southwest quarter of the southeast quarter of Section 17-18-17 was drilling below surface casing.

The Phillips Petroleum Company, after obtaining a showing of gas and oil at 5,590 feet in the Marcus Justiss No. 1 test in the southeast corner of lot 6 in the northwest quarter of Section 18-18-18, a west offset to the Marine producer, continued coring operations below 5,800 feet in shale. The same company obtained no showings in cores at 5,573 feet in the Louis Rosen No. 1 test in the southeast corner of the southwest quarter of the northeast quarter of Section 18-18-17.

Operators on the T. P. Marks No. 1 of the Phillips company in the northeast corner of lot 2 in the southwest quarter of Section 18-18-17 were trying to dislodge a drill stem stuck in the hole at 5,360 feet and the Ed Gan No. 1 test of the same company in the southwest corner of the southeast quarter of the northeast quarter of Section 18-18-17 was drilling below 4,650 feet.

The deepest well in the area, which so far has failed to obtain a showing, is the Powledge No. 1 test of the Alice Sidney Oil Company. The test is located in the southeast corner of the southwest quarter of the southeast quarter of Section 7-18-17 and is more than half a mile north of production. The well is alternately coring and drilling below 5,965 feet.

The Alice Sidney company obtained an oil saturation in cores at 5,545 to 5,561 feet in the D. S. & J. C. Morgan No. 2 test in the southeast corner of the northeast quarter of the southeast quarter of Section 18-18-17, but continued coring operations below 5,586 feet.

Slight Showings.

The Marine Oil Company reported slight showings in cores taken in its Fee No. 1 test in the northwest corner of the southwest quarter of the southwest quarter of Section 18-18-17 but continued coring and drilling operations below 5,620 feet. The same company is expected to start coring early next week in the Edwin M. Jones No. 1 test in the southwest corner of the northwest quarter of the southwest quarter of Section 17-18-17.

The three producers in the area, the Morgan A-1 discovery well of the Lion company in the center of lot 1 in the southwest quarter of Section 18-18-17, the Justiss No. 1 of the Marine company in the southwest corner of lot 7 in the northwest quarter of Section 18-18-17 and the D. S. & J. C. Morgan No. 1 of the Alice Sidney company in the northwest quarter of the northeast quarter of the southeast quarter of Section 18-18-17 are producing a total of 1,400 barrels of oil and about 4,500,000 cubic feet of gas on chokes varying from one-quarter inch to one inch.

In the Miller county area four tests in the vicinity of the McClannahan discovery well are drilling ahead. The Capps No. 1 of F. W. Burford in the center of the west half of the east half of the fractional Section 14-20-28 was drilling below 2,125 feet. The Eason No. 1 of the same operator in the east half of the southwest quarter of the southeast quarter of Section 11-20-28 was drilling below 1,750 feet and the Eason No. 2 of the same operator in the east 30 acres of the northwest quarter of the southeast quarter of Section 11-20-28 was drilling below 6600 feet. Brodord was waiting on casing at 2,110 feet in his J. O. Gerrald B-1 test in the northeast corner of fractional Section 15-20-28.

The Layton Oil Company and W. A. Tharp are preparing to resume operations below 2,175 feet on the Terry No. 1 test in Section 14-20-28. H. L. Hunt is rigging up for the Wommack No. 1 test in Section 10-20-28 and the Roberts Bros. are rigging up for the Capps No. 1 test in southeast corner of the northwest quarter of the southeast quarter of Section 10-20-28.

W. L. McClannahan is rigging up on the Capps No. 2 test in the southwest corner of the southwest quarter of the southwest quarter of Section 11-20-28 and the Capps No. 3 test in the northwest corner of the southwest quarter of the southwest quarter of Section 11-20-28.

New Wildcat Test.

The Standard Oil Company of Louisiana is clearing location for a new test in Columbia county this week. The test will be a wildcat well located in Section 8-16-22 and will be known as the McKean No. 1 and is near Waldo on the Columbia-Lafayette county line. It is planned for a deep test well.

Four permits to drill new tests and five to plug and abandon old tests were issued by the state Conservation Department this week. One permit issued previously was transferred and logs of two wells were filed.

The permit previously issued to Joe Modisette for the Stillions Lumber Company No. 1 test in the center of the south half of the southwest quarter of the northwest quarter of Section 18-17-9 in Ashley county was transferred to the Phillips Petroleum Company.

Roberts Bros. of Henderson, Tex., obtained permit to drill the W. W. Capps No. 1 test, located 330 feet north and 330 feet west of the southeast corner of the northwest quarter of the southeast quarter of Section 10-20-28 in Miller county.

W. L. McClannahan of Texarkana obtained a permit to drill the A. A. Capps No. 2 test, located 330 feet from the south line and 330 feet from the west line of the southwest quarter of the southwest quarter of Section 11-20-28 in Miller county. The same operator also obtained a permit for the A. A. Capps No. 3 test, located 330 feet east of the west line and 660 feet north of the south line of the southwest quarter of the southeast quarter of Section 11-20-28 in Miller county.

James H. Coker of Hot Springs obtained a permit to drill the McClain No. 1 test, located in the center of the northeast quarter of the northwest quarter of Section 15-4N-2W in Monroe county.

Five to Plug.

W. E. Stewart obtained a permit to plug and abandon the Waller No. 1 test, located 330 feet north and 330 feet west of the southeast corner of the northwest quarter of the northeast quarter of Section 1-14-20 in Nevada county.

Walter Lown obtained a permit to plug and abandon the Atkinson No. 1 test, located in the center of the northeast quarter of the northwest quarter of the southeast quarter of Section 7-10-13 in Dallas county.

E. H. Moore, Inc., obtained a permit to plug and abandon the Dale No. 1 test, located 691 feet north and 455 feet west of the center of Section 24-15-26 in Miller county.

O. F. Whitaket, Trustee, obtained a permit to plug and abandon the Simon Howard No. 1 test, located 600 feet east of the west line and 150 feet north of the south line of the northwest quarter of the northeast quarter of Section 20-12-6 in Ouachita county.

E. H. Moore, Inc., obtained a permit to plug and abandon the Dale No. 2 test, located 1,115 feet west and 31 feet north of the center of Section 24-15-26 in Miller county.

W. L. McClannahan filed log of the Capps Bros. No. 1 test, located 330 feet south and 330 feet east of the northwest corner of the southeast quarter of the southwest quarter of Section 20-12-16 in Miller county.

E. H. Moore, Inc., filed log of the Porterfield No. 1 test, located in the center of the northeast quarter of the southeast quarter of Section 21-14-25 in Hempstead county.

Renewed Interest Displayed In Roddessa Field.

Special to the Gazette.

Shreveport, La., July 18.—Renewal of interest in the southwest end of the Rodessa field in Marion county (Texas), the beginning of active campaigns around the recent extension of the Rodessa area into Miller county, Arkansas, and a new discovery in DeSoto parish, coupled with the announcement of several wildcat operations, proved the highspots in development this week in the Shreveport territory.

In the Jefferson part of the southwest portion of the Rodessa field, three new locations were staked around the discovery oiler by Holcomb & Thompson at Henderson No. 1 in the R. Bennington survey, by Gulf Production Company, Shell Petroleum Company and Holcomb & Thomason.

Gulf was moving in materials for Henderson 1, 1,500 feet west of the discovery; Shell made location for Henderson 1, 700 feet north of the oiler and Holcomb & Thomason for Henderson 1, 1,700 feet northwestward. This marks the first development in the immediate area of the producer completed several months ago.

One and a half miles east of the producer, Arkansas Louisiana Gas Company (Cities Service) spudded R. H. Wood No. 1 in the J. C. Eaton survey, a 3,000-foot Blossom test.

As the week closed, a fourth oiler for the Lodi area, about five miles back northeast toward the field proper was being completed by Mid-Continent Oil and Gas Company at Sory 1, A de los Santos Coy survey at 6,101 feet. Outside of production in this part of the field, the Texas company is credited with making location for Braden No. 1 in the A. Duvall survey.

New Depth Record.

On the Louisiana side of the field, R. W. Norton's Payne 1, Section 27-23-16, plugged bottom of hole after testing only slight oil and gas show at 10,600 feet, and has perforated from 8,970 to 9,010 feet for another test. The well went to 11,486 feet in salt, setting a new Ark.-La.-Tex. depth record.

Around the W. L. McClanahan extension oiler of the Rodessa field into Miller county (Arkansas), five wells are drilling and as many more rigging up. Four of the active operations were wells of Freeman W. Burford of Dallas.

Two miles west of the McClanahan oiler but one-half mile mile north of production which was pushed up near the Arkansas line in the northwest offshoot extension area of the Rodessa district, a well drilled and abandoned

in the early part of the field by the late Gov. O. K. Allen of Louisiana and associates at Embree Hrs No. 1, Section 9-20-28, has been taken over by Holcomb & Thomason for retesting.

Around the new DeSoto parish discovery Oil Company at Ramsey 1, Section 36-11-11, a lively drilling campaign to the 2,950-foot Paluxy sand zone is predicted as the well continued to hold up, flowing average of 15 barrels hourly through 1 1-4 inch choke. Two tests had pudded and several more were rigging up.

On a block recently assembled, the Ludel Oil Corporation, headed by William C. Durant, former auto manufacturer, has staked location for a 6,000-foot wildcat operation at Gill No. 1, Section 36-20-2, northeast Lincoln parish.

The Lincoln parish wildcat of Easton & Belmont at Dye No. 1, Section 21-199-4, prepared to test a porous zone from 4,582-4,594 feet. In Bienville parish, a new wildcat block has been assembled around Section 14-18-5, for immediate testing, by E. H. Moore, Inc.

The Bienville wildcat of H. L. Hunt & Seaboard at Bodcaw No. 1, Section 30-14-5, was below 7,100 feet. In Caddo parish, Prarie River Syndicate's Hutchinson No. 1, Section 15-15-12, was below 8,095 feet. The Sabine parish wildcat of Kirk-Green-Kay, Inc., north of the shallow Converse field, at Whitney 1, Section 8-9-13, was below 7,500 feet.

In southeast Win parish, H. S. Holloway has taken a spread of leases for a shallow test north of the Brown salt dome, around Section 19-10-1E.

Most Active Area.

The Lisbon area of Claiborne and Lincoln parishes continued as north Louisiana's most active area with approximately 25 wells drilling. Northeast of production in this area, United Gas Public Service Company has assigned 240 acres to G. H. Vaughn and M. H. Marr of Dallas, Tex., for protection of all offsets and one-eighth overriding royalty.

Outside of production to the northeast, F. L. Lebus staked locations for four operations. Among other locations staked was a half-mile east outpost by the Gulf Refining Company at Tatum 1, Section 32-21-4. The field now has 56 oil producers from the 5,300-foot Glen Rose lime section.

On the south flank of the old Bull Bayou area of Red River parish, Glassell & Whitehurst prepared to resume below surface casing in their proposed 8,000-foot test at DeLong No. 1, Section 25-12-11. A number of major companies have taken leases.

OIL NEWS

Interest In Well Spacing And Proration

Special to the Gazette 7-11-37.

El Dorado, July 10.—As drilling operations were being rushed on more than 30 wells in two new oil fields in south Arkansas, discussions among oil men this week turned again to proration and well spacing programs with two meetings being held by the state Conservation Board and plans made for another special meeting later this month.

The first meeting was held at Texarkana, where Chairman O. C. Bailey and Chief Conservation Agent C. E. Harris met with operators and landowners in Miller county's Rodessa extension for a discussion of plans for the orderly development of that section which already has been extended in Texas as well as in Louisiana.

One well has been completed in the Rodessa area for a big producer, and permits have been issued for 12 additional tests on some of which operations have been started. In addition applications have been made for several special permits on tracts of less than 10 acres.

Spacing Regulations.

A preliminary spacing program of one well to 10 acres has been adopted by the Conservation Board for the Miller county area with special permits necessary for tests to be drilled on tracts of less than 10 acres. In such cases the operator seeking the special permit must give notice of a specified length of time, and if at the end of that time there is no objection from adjoining land and lease owners, a hearing will be held by the board and the permit issued or denied. Drilling regulations, including a casing program, were discussed at the Texarkana meeting, and it was decided for the time being to use the same casing program as is in effect in the Shuler area of Union county.

A meeting of the full Conservation Board was held Thursday at El Dorado when it was voted to recommend to Governor Bailey that an assistant conservation agent be employed to be stationed at Texarkana to supervise development of the Miller county field. The board voted to recommend the employment of Lee J. Timberlake of Texarkana, formerly of Camden, as the assistant agent.

Meets at El Dorado July 20.

The board also voted to hold an open hearing at El Dorado, starting at 10 a. m. Tuesday, July 20, to take testimony on proposed rules and regulations for orderly development of the Miller county area. A set of rules for spacing of wells and proration of production, as recommended by a group of operators in the Miller county area, was submitted to the board at the Thursday meeting, but no action was taken. The recommendations were said to be patterned after the rules in the Texas and Louisiana parts of the Rodessa field.

The operators' committee of the Shuler area, appointed to work with the Conservation Board in making recommendations for the orderly development of the area, submitted a proposal for spacing and proration in the Shuler area. No action was taken on the proposal. The proposal suggested a unit of 20 acres with a maximum of 30 acres with proration based on 50 per cent on acreage and 50 per cent on flat well basis. Acreage units of less than 20 acres would be allowed its prorata part of the acreage allowable and units of more than 20 acres up to 30 acres would be allowed additional acreage allowable on a prorata basis on the increased acreage.

Special Permits.

Three special permits for wells to be drilled on tracts of less than 10 acres were issued by the board, and hearings on applications for five additional special permits were deferred. The special permits were issued to H. F. Schweer for a well on 5.66 acres in section 10-20-28, to Campbell & Ostrim for a test to be drilled in the center of a seven and a half acre tract in section 15-20-28, and one to C. Andrade for a well in the center of a five-acre tract in section 15-20-28.

F. A. Griffin applied for permits to drill four wells on a three-acre tract in section 11-20-28, and H. C. Cummins applied for a special permit to drill a test on a five-acre tract in section 10-20-28.

Hearing on an application for a special permit to drill in the Shuler area of Union county also was postponed. Z. J. Spruiell sought a permit to drill on a two-acre tract in section 7-18-17.

Shuler Area Tests.

In the Shuler area coring operations are under way on four wells, and drilling operations are being rushed on 13 other tests, while one test is being rigged up for early drilling. Four producers have been completed in the area.

Operators on the Powledge No. 1 test of the Alice Sidney Company, in the southeast corner of the southwest quarter of the southeast quarter of section 7-18-17, resumed coring operations below 5,713 Thursday night, after being shut down temporarily when an air jammer broke down. The well missed the upper sand from which the Morgan A-1 discovery well of the Lion Oil Refining Company was completed at 5,556 feet, but operators were confident of obtaining good showings and production from the lower sands encountered in the Morgan B-2 test of the Lion company in the level around 5,731 to 5,741 and deeper. The test is a north out-post more than half a mile from production and will indicate whether the producing area extends to the north.

The Phillips Petroleum Company is coring below 5,621 feet on its Marcus Justiss No. 1 test, a west off-set to the Marine producer in the southeast corner of lot 6, in the northwest quarter of section 18-18-17. The test encountered an oil and gas showing at 5,590 feet, but no drill stem test was made. Production is being obtained at a depth of 5,605 feet in the Marine's well.

Morgan B-2 Coring.

The Lion company is coring in sand and shale below 5,556 feet in its Morgan B-2 test, a west off-set to the Alice Sidney producer in the northeast corner of the northwest quarter of the southeast quarter of section 18-18-17, and is expected to encounter the Morgan sand soon.

Jones, Murphy & Hurley began coring below 5,480 feet Thursday in their Murphy Land Company A-1 test, in the northwest corner of the northeast quarter of the northeast quarter of section 19-18-17. The test is more than half a mile south of production and is expected to indicate extension of production to the south.

The same operators are drilling below 3,800 feet in their C. H. Murphy No. 1 test in the northwest corner of lot six in the northwest quarter of section 19-18-17, als oa south outpost. They also are drilling at 4,500 feet on the Murphy Land Company B-1 test in the southwest corner of the southeast quarter of the northeast quarter of section 13-18-18, a west out-post nearly a mile from production.

Jones, Murphy & Hurley this weekend resumed drilling operations below about 80 feet of surface pipe in their Katherine Gallagher No. 1 test, in the northeast corner of lot 4, in the northwest quarter of section 19-18-17, and still were rigging up on their Marine Oil Company No. 1 test, in the northwest corner of the southwest quarter of the southeast quarter of section 17-18-17.

Coring operations were expected to be started on the T. P. Marks No. 1 of the Phillips Company in the northeast corner of lot 2, in the southwest quarter of section 18-18-17, as soon as the drill stem is released. The stem became stuck in the hole at a depth of 5,361 feet.

The same company is drilling at 5,320 feet on its Ed Gan No. 1, a north offset to the Alice Sidney producer in the southwest corner of the southeast quarter of the northeast quarter of section 18-18-17, and is drilling a 4,318 feet on its Louis Rosen No. 1 test in the southeast corner of the southwest quarter of the northeast quarter of section 18-18-17.

The Alice Sidney company is drilling below 4,900 feet on its D. S. and J. C. Morgan No. 2 test, in the southeast corner of the northeast quarter of the southeast quarter of section 18-18-17.

Th Lion company is drilng at 5,130 feet on its Morgan A-2 test, a south offset to the Marine producer in the northwest corner of lot 1, in the southwest quarter of section 18-18-17. The same company is drilling at 2,000 feet on its Morgan A-3, a west off-set to its Morgan B-1 producer, in the southeast corner of lot 1, in the southwest quarter of section 18-18-17. The Lion company is drilling at 4,400 feet on its Justiss A-1 test in the northeast corner of the northwest quarter of the northeast quarter of section 19-18-17.

The Marine Oil Company is drilling below 5,000 feet on its Fee No. 1 test, in the northwest corner of the southwest quarter of the southwest quarter of section 17-18-17, and is drilling at 3,600 feet on the E. M. Jones No. 1 test, in the southwest corner of the northwest quarter of the southwest quarter of section 17-18-17.

Operators were reported to be rigging up and preparing to spud in on the K. K. Langley No. 1 test of I. J. Langley, in the northwest quarter of the southeast quarter of the northeast quarter of secton 1-19-18, four miles south and about half a mile east of the production area in the Shuler field.

Six Permits Issued.

Six permits to drill and two to plug and abandon old tests were issued this week by the state Conservation Department, and logs of two wells were filed.

F. W. Buford of Dallas, Tex., obtained a permit to drill the A. A. Capps No. 1 test in the center of the west half of the east half of the fractional section 14-20-28 in Miller county.

K. Hughes of Tyler Tex., obtained a permit to drill the H. N. Thomas No. 1, 330 feet east of the west line and 330 feet south of the north line of the northwest quarter of the northwest quarter of the southeast quarter of section 12-20-28, Miller county.

F. W. Burford obtained a permit to drill the J. E. Eason No. 1, 670 feet north of the south line and 330 feet east of the west line of the east half of the southwest quarter of the southeast quarter of section 11-20-28, Miller county.

K. Hughes obtained a permit to drill the J. N. Thomas No. 2, 330 feet east of the west line and 330 feet north of the south line of the southwest quarter of the northwest quarter of the southeas quarter of section 12-20-28, Miller couny.

I. J. Langley of El Dorado obtained permit to drill the K. K. Langley No. 1, in the center of the northwest quarter of the southeast quarter of the northeast quarter of section 1-19-18, Union county.

F. W. Burford obtained a permit to drill the J. E. Eason No. 2, 495 feet east of the west line and 660 feet south of the north line of the east 30 acres of the northwest quarter of the southeast quarter of section 11-20-28, Miller county.

Walter Lown obtained a permit to plug and abandon the Grayson No. 1, 330 feet north and 330 feet east of the southwest corner of the southwest quarter of the southeast quarter of section 12-14-20, Nevada county.

C. M. Crotty obtained a permit to plug and abandon the El Dorado Realty Company No. 1, 300 feet south and 300 feet east of the northwest corner of the southwest quarter of the northeast quarter of the southeast quarter of section 7-17-13, Union county.

The Lion Oil Refining Company filed a log of the Edna Morgan B-1, 330 feet north and 330 feet east of the southwest corner of the northwest quarter of the southeast quarter of section 18-18-17, Union county.

The Alice Sidney Oil Company filed a log of the D. S. and J. C. Morgan No. 1, 330 feet south and 330 feet east of the northwest corner of the northeast quarter of the southeast quarter of section 18-18-17, Union county.

Lodi Arm of Rodessa Area Is Extolled

Democrat 7-18-37

Shreveport Hints Schuler Field Prospects Not So Bright.

Shreveport, La.—The Lodi extension of the Rodessa field in Marion county, Tex., continued to be the brightest spot on the Rodessa map this week, although a showing of oil in top of the Travis Peak horizon in a northeast edge test in the Caddo Parish (La.) part of the field aroused considerable interest.

R. W. Norton's No. 1 Payne, section 27-23n-16w, Caddo parish, the deepest hole ever drilled in the Shreveport territory, showed only a small amount of oil and gas when tested at plugged back depth of 10,600 feet, in Permian lime, and it was further plugged back and casing perforated for another test, probably in lower Marine at 9,010 feet. This hole had gone to total depth of 11,486 feet, 16 feet into the Permian salt.

The northeast edge test at Rodessa that had the showing of oil in the Permian is Blackwell Oil and Gas Company's No. 3 Neugent, section 8-23n-15w, with total depth of 7,048 feet. Elevation is 324 feet. This test topped Petitt (basal Glen Rose) at 6,651 feet and then at top of the Travis Peak logged an oil showing.

The Lodi extension of Rodessa's third producer, Arkansas-Louisiana Gas Company's No. 1 Allen Houston, A. de los Santos Coy survey, Marion county, was completed from 36 feet of saturation at total depth of 6,076 feet, flowing 38 barrels hourly through half-inch tubing choke, and made 524 barrels in 24 hours with gas-oil ratio of 836 to 1. Meanwhile in the same headright, Mid-Continent Petroleum Company's No. 1 Sory is testing at 6,101 feet and Fohs Oil Company's No. 1 Mary McReynolds, in the same survey, is coring for the producing horizon. The Hunter Company, which opened this offshoot of Rodessa, has made four new locations.

Apparently stimulated by the Lodi area's behavior, three new locations were staked near Jefferson, Marion county, where Holcomb, Thomasson et al., several months ago completed No. 1 Lizzie Henderson in the R. Bennington survey. The new locations, all in this headright, were made by Holcomb and Thomasson, by Shell Petroleum Corporation, and by Gulf Oil Corporation.

In the Miller county (Arkansas) extension of Rodessa, recently opened, and where six tests are being drilled, none yet having reached a critical depth, announcement was made that Holcomb and Thomasson have closed a trade whereby they will test the old Haynes Brothers and Allen and Noe's No. 1 Embree Heirs, section 11-20-28, Miller county, drilled to 6,514 feet in the early days of Rodessa and abandoned as a dry hole. These operators have acquired an interest in the 1,275-acre tract around this test from ex-Gov. James A. Noe of Louisiana and Mrs. O. K. Allen, owners of the tract and the old hole. It is planned to recondition the hole and run electrical tester to 5,996 feet at top of the Gloyd, the producing horizon in the Miller extension. If showing warrants, six-inch casing will be set and efforts made to complete the well at this level.

W. M. Layton, who is drilling one of the Miller extension tests, and who several months ago secured drilling permits for a dozen wells in this area, has acquired full interest in a tract he owned with another operator and is planning to lay a six-inch line from a gasser he owns in Rodessa proper to the extension area to furnish drilling gas. Layton acquired W. A. Tharpe's interest in the gasser mentioned and the latter's Miller county interests, for a reported consideration of $50,000.

Freeman W. Burford is drilling four of the Miller county extension operations.

Pullman Oil Company's No. A-1 Ramsey, section 36-11n-11w, DeSoto Parish, that opened a new area and is producing from the Paluxy at 2,961 feet, continues to flow 175 barrels of oil daily, making a small amount of water and basic sediment. It is explained that the lower phase of the Paluxy, which is producing in this well distinct from the Bull Bayou field's Paluxy horizon which, in the new area six miles from Bull Bayou carries water and this was not entirely shut off in the new producer. Seven new locations have been made in this area, five of which are drilling.

The Lisbon field, Claiborne and Lincoln parishes, which has chalked up only one failure, a north edge dry hole, and now has 55 producers, added only two new wells last week. It is facing a scarcity of lease storage and the one pipeline serving the field is loaded to capacity. It appears additional outlets must be had soon or drilling activity will be affected unless, of course, the allowable should be further reduced.

On the north edge of the producing area in Lisbon, Scout Oil Company completed No. 2 Vaughn, section 36-21n-5w, flowing 19 barrels pr hour through 10-64-inch tubing choke at 5,282 feet.

United Gas Public Service Company has assigned several forties northeast of production to Grady Vaughn and M. H. Marr of Dallas, Tex., the consideration being one-sixteenth over-riding royalty and protection of offsets. United retained all gas rights. Gulf Oil Corporation continues to buy northeast production and H. C. Miller is also buying around Lisbon. Bert Kouns is buying around section 1-20n-5w, between Lisbon and Sugar Creek. Total production at Lisbon to July 1 was 528,821 barrels of oil.

The Week in Arkansas.

Arkansas had a rather "blue" week during the last seven-day period with the Schuler field, Union county, where there are four producers giving evidence of its lenticular character by having outpost tests fail to log sufficient saturation to indicate producing possibilities, and two interesting wildcats in Miller county being abandoned.

E. H. Moore, Inc., of Oklahoma, abandoned No. 2 Dale, section 24-15-26, Miller county, at 7,310 feet in Permian lime, after running electrical tester. This hole is adjacent to the 100-barrel daily producer and on the acreage around the well that Moore bought from C. V. Lenz after the latter had completed his No. 7 Dale in that section as a producer at 4,216 feet. This is Moore's second failure on the tract, both tests going below the level of Lenz's Dale producer.

Standard Oil Company of Louisiana abandoned its second recent geophysical prospect in this territory when its No. 1 Sarah Harvey was abandoned as dry hole at 5,775 feet, after checking low throughout. This company recently had a similar experience on a geophysical prospect in Claiborne parish, La., near Athens. Standard, however, is moving in materials for another Arkansas wildcat in Columbia county, near Waldo, No. 1 McKean, section 8-16-22.

Columbia county this week was the most active area in leasing in south Arkansas. Standard of Louisiana, Sun Oil Company, H. L. Hunt, Royal Oil and Gas Company, Arkansas-Louisiana Gas Company, Deep Rock Oil Company, Devonian Oil Company and George Stevens of Shreveport are among those leasing in various parts of this county. J. G. Puterbaugh (McAlester Fuel) and Darby Petroleum Company are also active. J. T. Walker of Shreveport having failed previously to consummate sale ofa 7,500-acre block in township 19, range 20 of this county is reported to have assigned this acreage to Harry Hanbury and associates for a proposed test to Permian lime. Texas-Canadian Oil Co.. is the most recent entry into Schuler. Union county, having paid some fancy prices just before "gloom" there set in.

Boettcher Oil and Gas Company of Ada, Okla., drilling No. 1 Life Insurance Co., section 28-11-27, Howard county, Ark., topped Pennsylvanian at 2,185 feet and is drilling below 2,262 feet in gray lime.

Two Wells in Shuler Field Give Trouble

Democrat 7-18-37

Must Be Retested—Reported 17 Wells Now Drilling or Coring.

El Dorado—Drill stem tests the past week on two wells which made satisfactory showings and drilling was resumed on one test, and the other was being reamed down another drill stem.

The Marine Oil Company Fee No. 1, in the southwest quarter of section 17-18-17, showed eight feet of oil-saturated sand in a core at 5,583 to 5,597 feet, and five feet of heavy saturation in a core at 5,597 to 5,614 feet. A drill stem test was made on the well early but the seat failed to hold and operators were reaming down and were making preparations for another drill stem test.

The Murphy Land Company B-1 of Jones, Murphy and Hurley, in the northeast quarter of section 13-18-18, obtained good showings of oil in a core from 5,582 to 5,600 feet. A drill stem test was made on the well and the valve failed to hold sufficiently to complete the test, and a showing of salt water was also obtained.

Operators decided against a further test at that depth and Saturday morning had resumed drilling below 5,600 feet.

The Morgan B-1 of the Lion Oil Refining Company, which was closed in earlier this week after being completed at 5,731 to 5,738 feet as a producer, was perforated at from 5,548 to 5,599 feet and washed in for a good producer. Friday the well produced 857 barrels oil and about 750,000 cubic feet of gas on a half-inch choke.

Numerous other tests in the Shuler area are drilling and coring for the Morgan sands but Saturday afternoon no reports of oil sands had been made. The drilling report for Saturday follows:

Lion Morgan B-2 section 18-18-17, coring below 5,733 in sand and shale, no showing.

Lion Morgan A-2, lot 1 SW 18-18-17, coring below 5,674 in sand and shale, no showing.

Lion Morgan A-3 lot 1 SW 18-18-17, drilling below 3,950 feet.

Lion Justiss A-1 NE 19-18-17, coring below 5,515 feet in green shale.

Alice Sidney Powledge No. 1 section 7-18-17, abandoned at 6,005 feet.

Alice Sidney D. S. and J. C. Morgan No. 2, SE 18-18-17, coring ahead at 5,686 feet.

Phillips Marcus Justiss No. 1, lot 6 NW 18-18-17, drilling in hard rock at 5,802 feet.

Phillips T. P. Marks No. 1, lot 2 SY 18-18-17, drill stem released to resume drilling at 5,631 feet.

Phillips Ed Gann No. 1, NE 18-18-17, drilling at 4,705 feet, no showing.

Phillips Louis Rosen No. 1, NE 18-18-17, coring at 5,545, no showing.

Jones et al. Murphy Land Company A-1, NE 19-18-17, reaming down to 5,694 feet, to continue coring.

Jones et al C. H. Murphy No. 1, lot 6 NW 19-18-17, coring at 5,550 feet.

Jones et al Murphy Land Company B-1, NE 13-18-18, oil and gas saturation in cores at 5,582 to 5,600 feet; salt water showing in drill stem test; drilling resumed below 5,600 feet.

Jones et al Katherine Gallaghet No. 1, lot 4, NW 19-18-17, drilling at 2,321.

Jones et al Marine Oil Co. No. 1, SE 17-18-17, set 832 feet surface casing.

Marine Fee No. 1, SW 17-18-17, eight-foot oil and gas sand cored at 5,588 to 5,597 feet; five-foot oil and gas sand cored at 5,597 to 5,614; seat failed to hold for drill test; reaming down for another test.

Marine Oil Company E. M. Jones No. 1, SW 17-18-17, coring at 5,530 feet.

Lion Morgan B-1 SE 18-18-17, producing 587 barrels oil and 750,000 cubic feet gas daily on half-inch choke at 5,548-5,599 feet.

Alice Sidney D. S. and J. C. Morgan No. 1, SE 18-18-17, producing 504 barrels on 27-64 inch choke.

Lion Morgan A-1 SW 18-18-17, producing 318 barrels oil, 1,500,000 cubic feet gas daily at 5,556 to 5,559 feet through one-inch choke on tubing.

Marine Justiss No. 1, lot 7 NW 18-18-17, producing 575 barrels oil and 1,000,000 cubic feet gas at 5,605 feet, through 27-64 inch choke on tubing.

Lisbon Still A Prize Field In Louisiana

Democrat 7-25-37

Produces 14,000 Barrels Daily—Shuler Prospects Brighter.

Shreveport, La.—The Lisbon field, which to July 15 had produced a total of 723,400 barrels of oil and now has 57 wells, with only one dry hole, that being a two-mile north outpost, was extended in two directions this week and showed that there is no sign of its decline in pressure, although there has been a slight decline in the weighted bottom hole pressures since pressures were first taken last May 10.

With its pipe line facilities crowded to capacity, there is a report current that Gulf Pipeline Company will enlarge its outlets from the field, it having the only line serving the area. The daily average production in Lisbon last week was 14,075 barrels.

Allowd eto flow for 24 hours through five-eighths-inch tubing choke, Hollyfield and McFarlane of El Dorado, Ark., completed No. 2 Maggie Patton, section 31-21n-4w, at 5,289 feet, making 108 barrels per hour or 2,604 barrels for 24 hours, the largest well so far in the field.

The weighted average bottom hole pressure for Lisbon is 1,269 pounds, compared to 1,749 pounds on May 10. However, only one pumping unit has so far been installed in the field and it is used only to agitate and not to lift.

Rodessa's newly-opened eight-mile southwest offshoot on the Lodi nose in Marion county, Texas, suffered a setback last week when the Hunter Company's No. 2 Fonda, A. de los Santos Coy survey, showed some salt water and later went dead and had to be acidized. It appears to condemn considerable acreage as it indicates a narrow producing area.

It is only 632 feet north of the No. 1 of the same company, the first well in that area. If one goes too far south and too near the fault, gas production will be obtained. However, Mid-Continent Petroleum Company's No. 1 Sory, in the same headright, was a good well, flowing at a rate of 890 barrels daily. Fohs Oil Company's No. 1 Mary McReynolds, same survey, cored saturation and set casing.

Testing of the basal Glen Rose on the northeast nose of the Rodessa field, Louisiana side, was delayed when Blackwell Oil and Gas Company's No. 3 Neugent, section 8-23n-14w, which had a showing of oil in the Petitt (basal Glen Rose) and in top of Travis Peak was plugged back from total depth of 7,202 feet to 6,750 feet and lodged five-inch casing being run to test the Petitt horizon.

R. W. Norton's No. 1 Payne, section 27-23n-16w, which went to 11,486 feet into the Permian salt, plugged back to 10,600 feet and tested only a slight oil and gas show, was delayed in testing higher horizons by a fishing job which was cleaned out and hole is being reconditioned to perforate casing above present seat at 9,454 feet.

The Cotton Valley field, Webster parish, where there are now 11 wells producing gas and distillate from the lower Marine horizon below 8,000 feet, will keep the 40-acre space rule now in effect for the present. Conservation Commissioner William G. Rankin ruled, following a hearing in which Ohio Oil Company, Magnolia and United Gas sought to secure a 160-acre spacing rule. Woodley Petroleum Company and all landowners opposed any change. H. L. Hunt, independent joined in endorsement of the 160-acre plan.

Another 9,000-foot wildcat test was in the offing for north Louisiana this week after completion of assembly of a 6,000-acre block in township 21 north, range 11 west, six miles north of the shallow Bellevue field, Bossier parish, by Crystal Oil Refining Company of Shreveport, which owns considerable fee leases in that area. W. I. Wilkie plans a 3,500-foot test on several hundred acres he has around section 13-19n-12w, Bossier parish.

Shuler Outlook Improves.

The Shuler field, Union county, Arkansas, where lenticularity of sands in the upper Permian had caused a decreased interest after offset welsl to some of the four producers had missed production in the expected levels, staged a "comeback" this week. Wells farther afield logged saturation indicating production. Two wells to the south were especially encouraging. A one-half-mile north test, Alice Sidney Oil Company's No. 1 Powledge, section 7-17-18, was temporarily abandoned at 6,005 feet.

To the south, Edwin M. Jones' No. 1 Murphy, section 19-18-17, although logging saturated sand at 5,624 to 5,636 feet, cored ahead for another lease. Southeast of production about one-half mile, Marine Oil Company's No. 1 Fee, section 17-18-17, set casing after showing 4,000 feet of oil and little water at 5,586 to 5,614 feet and going on to total depth of 5,805 feet. Lion Oil Refining Company's No. A-2 Morgan, section 18-18-17, flowed oil in a drill stem test at 5,962, 5,717 feet. Jones' B-1 Murphy, section 13-18-18, cored ahead below 5,750 feet after testing water at 5,580-5,613 feet.

The Arkansas board of conservation will announce rules for the Rodessa extension into Miller county, August 2. At a hearing this week engineers familiar with conditions in Rodessa recommended a 40-acre space rule for the Arkansas extension. At present a 10-acre space rule is in effect. Among those appearing at the hearing was Dr. H. W. Bell, head of the Rodessa operators' committee and formerly in charge of conservation work in Arkansas.

Another deep test on a south Arkansas geophysical high was in prospect for early drilling. Seaboard Oil Corporation and Tidewater Associated Oil Company plan to spud by August 1 in northwest corner of section 33-13-18, Ouachita county on a large block. This is near the lone shallow producer in section 25-13-18. Edwin M. Jones and Walter Lown who own acreage west and southeast of this block, respectively, may come in on the proposed test.

Seaboard and Tidewater also have a large block in Columbia county around section 24-17-19, where Standard Oil Company of Louisiana has been much interested since its crew shot this block. Root Petroleum Company is shooting in Miller county east of Texarkana. Ohio Oil Company is adding leases in Lafayette county, township 16, ranges 23 and 24. Don Keever has blocked 2,000 acres around section 5-17-16, for a proposed deep test.

A group of operators recently tried to interest several companies in taking spreads in a proposed block near the old Mount Holly field but were said to have been unsuccessful in their efforts at the price quoted for a deep test.

OIL NEWS

Big Producers Indicated By Stem Tests

Special to the Gazette. 7-25-37

El Dorado, July 24.—Drill stem tests on four wells in the Shuler area of Union county west of El Dorado indicated big producers and casing was set on one well for final testing this week. Another test which was completed several weeks ago was recompleted at a higher level and is now a big producer.

The test on which casing has been set is the Fee No. 1 test of the Marine Oil Company in Section 17-18-17 about half a mile southeast of present production in the area and the other three tests which showed for big producers in drill stem tests are wells of the Lion Oil Refining Company, two being located in Section 18-18-17 and the third in Section 19-18-17, half a mile south of production.

Several tests of Jones, Murphy & Hurley in Sections 19-18-17 and 13-18-18 have made showings of oil and gas in cores but on drill stem tests also made showings of salt water and coring operations are being continued to lower levels.

Several showings of oil and gas have been reported on four tests of the Phillips Petroleum Company in Section 18-18-17 but no drill stem tests have been made. It has been announced that the Phillips company plans to core through the formations and run a slumberger test on the entire structure and set casing for perforations and completion at the best level.

Marine Has Producer.

The Marine company which has one producer in the area this week set 9 5-9 casing at 5,803 feet in its Fee No. 1 test in the northwest corner of the southwest quarter of the southwest quarter of Section 17-18-17.

A good showing of oil and gas was obtained in cores from 5,585 to 5,702 feet and a drill stem test was made at that depth. On the test the oil filled the 5,000 feet of drill stem in 15 minutes and when the drill pipe was broken down oil shot over the top of the derrick. Although operators declined to make a prediction on the possible production of the well it was believed that the production would equal the production of any other well in the area. Following the test operators continued coring to below 5,800 feet and decided to set casing. It is expected that casing will be perforated at the level of the best showing. The well is expected to be completed about the middle of next week.

The Marine company is coring ahead below 5,800 feet on its Edwin M. Jones No. 1 test in the southwest corner of the northwest quarter of the southwest quarter of Section 17-18-17 with small oil and gas showings being reported in cores. No drill stem tests have been made.

The Marine's producer, the Justiss No. 1 test located in the southwest corner of lot 7 in the northwest quarter of Section 18-18-17 is producing 575 barrels of oil and 1,000,000 cubic feet of gas daily on a 27-64 inch choke at a depth of 5,605 feet.

The Lion Oil Refining Company has obtained excellent showings in two drill stem tests each on two wells in Section 18-18-17 and one drill stem test on a well in Section 19-18-17.

400 Pounds Pressure.

On the Morgan A-2 test a south offset to the Marine producer in the northwest corner of lot 1 in the southwest quarter of Section 18-18-17 operators obtained a good showing in cores from 5,690 to 5,702 feet and on a drill stem test at that depth the well built up a pressure of 400 pounds in seven minutes and flowed oil out of the drill stem in eight minutes. More good showings were obtained in cores from 5,748 to 5,760 feet and on a drill stem test at that depth the well flowed in 7 1-2 minutes and built up a strong pressure. Operators are continuing coring operations below 5,760 feet and it is expected that when the formation is penetrated casing will be set and perforated for completion at the best level.

The same company has made two drill stem tests on the Morgan B-2 well, a west offset to the Alice Sidney producer in the northeast corner of the northwest quarter of the southeast quarter of Section 18-18-17. The first test was made at a depth of 5,761 to 5,774 feet after good showings were obtained in cores. The well built up a pressure of 200 pounds in seven minutes and made a good showing of oil. Coring operations were continued and a good showing was obtained in a core at 5,606 to 5,610 and from 5,610 to 5,614 and another drill stem test was made Thursday from 5,604 to 5,614 feet with a good showing being obtained. As in the No. A-2 well it is expected that the well will be cored and tested to the bottom of the formation and perforated back to the desired level after casing has been set.

Good Showing in Cores.

On the Justiss A-1 test of the Lion in the northeast corner of the northwest quarter of the northeast quarter of Section 19-18-17 a drill stem test was made at 5,561 to 5,586 feet after good showings in cores and the well built up a pressure of 100 pounds in 10 minutes and flowed oil in 12 minutes. The hole has been reamed down to 5,568 feet and coring is to be continued.

The Lion is drilling at 4,990 feet on the Morgan A-3 test, a west offset to the Morgan B-1 producer of the same company, in the southeast corner of lot 1 in the southwest quarter of Section 18-18-17.

The Morgan B-1 test of the Lion company located in the southwest corner of the northwest quarter of the southeast quarter of Section 18-18-18 was recompleted early this week through perforations at 5,548 to 5,599 feet and is producing 622 feet of oil and 750,000 of gas daily on a half-inch tubing choke.

The other producer of the Lion, the Morgan A-1 in the center of lot 1 in the southwest quarter of Section 18-18-17, is producing 228 barrels of oil and 1,500,000 cubic feet of gas daily on a half-inch tubing choke.

The Alice Sidney Oil Company early this week abandoned its Powledge No. 1 test in the southeast corner of the southwest quarter of the southeast quarter of Section 7-18-17 at a depth of 6,005 feet after failing to obtain a showing.

The same operators are reported to have obtained a good showing in a core from 5,788 to 5,803 feet in their D. S. & J. C. Morgan No. 2 test in the southeast corner of the northeast quarter of the southeast quarter of Section 18-18-17 and are planning to make a drill stem test.

Another Producer.

The Alice Sidney company has one producer in the area. It is the D. S. & J. C. Morgan No. 1 test located in the northwest quarter of the northeast quarter of the southeast quarter of Section 18-18-17 and is producing 504 barrels of oil and 500,000 cubic feet of gas daily on a 27-64 inch choke.

Jones, Murphy and Hurley are coring and drilling ahead on five wells in the area. A good oil showing was reported obtained in the Murphy Land B-1 test in the southwest corner of the northeast quarter of section 13-18-18 about a mile west of production. Operators made a drill stem test at 5,582 to 5,600 feet and obtioned a showing of salt water along wtih oil. Another test was made at 5,755 to 5,761 feet after another oil showing was obtained in cores and again salt water showings were also made. The test is now drilling ahead below 5,771 and coring is expected to be resumed soon.

Good oil showings were reported obtained in the C. H. Murphy No. 1 test of the same operators in the northwest corner of lot six in the northwest quarter of section 19-18-17, a southwest- out-post test and a drill stem test was made at 5,638 feet in which a water showing was also obtained along with the oil. Drilling has been resumed on the test below 5,691 feet.

The same operators Thursday ran a slumberger test on the Murphy Land Company A-1 test in the northwest corner of the northeast quarter of the northeast quarter of section 19-18-17 at a depth of 5,854 feet for a test of formation.

Jones, Murphy and Hurley are drilling at 4,303 feet on their Katherine Gallagher No. 1 test in the northeast corner of lot four in the northwest quarter of section 19-18-17 and are drilling at 3,490 feet on the Marine Oil company No. 1 test in the northwest corner of the southwest quarter of the southeast quarter of section 17-18-17.

Four Wells Showing.

Although no drill stem tests have been made and little information has been released as to formation showings it is reported that the Phillips Petroleum company has obtained several good showings in cores on its four wells in section 18-18-17.

The Marcus Justiss No. 1 test, a west offset to the Marine producer in southeast corner of lot six in the northwest quarter of section 18-18-17 is coring in Rainbow shale and siltstone at 5,952 feet; the T. P. Marks No. 1 test in the northeast corner of lot two in the southwest quarter of section 18-18-17 is coring in Rainbow shale below 5,610 feet; the Ed Gan No. 1 is coring in green and gray shale at 5,535 feet in the southwest corner of the southeast quarter of the northeast quarter of section 18-18-17 and the Louis Rosen No. 1 test located in the southeast corner of the southwest quarter of the northeast quarter of section 18-18-17 is drilling at 5,687 feet.

Testimony for rules and regulations to be adopted by the state Conservation Board for the orderly development of the new Rodessa north extension in Miller county was taken by the board at an open meeting here Tuesday and after taking lengthy testimony the board announced that a set of rules would be announced August 2.

Most of the testimony presented at the hearing was to the effect that regulations similar to the rules in effect in the Caddo parish Louisiana sector of the Rodessa field would be best suited to the Miller county area. One witness presented graphs and charts to show savings effected in the Caddo parish area by regulations issued by the Louisiana commission of January 1, 1937.

40 Acres to a Well.

One witness was of the opinion that one well to each 40 acres would be the best spacing to insure the greatest ultimate production for the field but another witness testified that he was of the opinion that one well to 10 acres would be a better spacing regulation.

A casing program was discussed by a witness who declared that at least 2,100 feet of casing should be set or an amount sufficient to have at least one joint of pipe set in the hard chalk.

Four permits to drill new tests, three to plug back and perforate and three to plug and abandon tests were issued by the state Conservation Department this week and logs of three wells were filed.

C. Andrade III of Dallas, Tex., obtained a permit to drill the J. O. Gerald No. 1 test located 757 feet east and 445.8 feet south of the northwest corner of the east half of fractional section 15-20-28 in Miller countl.

The Standard Oil Company of Louisiana obtained a permit to drill the John P. McKean No. 1 test located 660 feet north and 660 feet east of the southwest corner of section 8-16-22 in Columbia county.

The Sklar Oil Corporation of Shreveport obtained a permit to drill the M. G. Murphy No. 1 test located 330 feet north and 30 feet west of the southeast corner of the northwest quarter of the southwest quarter of section 24-17-16 in Union county.

Bruce E. Wallace and W. E. McNeil of Hot Springs obtained a permit to drill the Tilyou No. 1 test located 330 feet north and 330 feet west of the southeast corner of the southeast quarter of the southeast quarter of section 26-8-24 in Pike couny.

Standard Oil Plugs.

The Standard Oil Company of Louisiana obtained a permit to plug back and perforate in the Nacatosh sand in the Sid Umsted No. 25 test located 495 feet west and 200 feet south of the northeast corner of the northwest quarter of the southeast quarter of section 32-15-15 in Ouachita county.

The Gulf Refining Company obtained a permit to plug back and perforate in the Nacatosh sand in the Sam Bennette No. 3 test located 2,440 feet south and 200 feet west of the northeast corner of section 32-15-15 in Ouachita county.

The Standard Oil Company of Louisian obtained a permit to plug back and perforate in the Nacatosh sand on the R. Bennett "B" 9 test located 285 feet east and 200 feet north of the southwest corner of the northwest quarter of the northeast quarter of section 32-15-15 in Ouachia county.

Earl Patterson obtained a permit to plug and abandon the Alderson No. 3 test located in the northwest quarter of the southwest quarter of section 31-17-15 in Union county.

Hollyfield and McFarlane obtained a permit to plug and abandon the Williams No. 2 test located in the northeast quarter of the northeast quarter of Section 3-16-15 in Union county.

Earl Patterson obtained a permit to plug and abandon the Alderson No. 1 test located in the northwest quarter of the southwest quarter of Section 31-17-15 in Union county.

Walter Lown filed log of the Grayson No. 1 test located 330 feet north and 330 feet east of the southwest corner of the southwest quarter of the southeast quarter of Section 12-14-20 in Nevada county.

The Ozarks Natural Gas Company filed log of the H. R. Crowe No. 1 test located in the center of the southeast quarter of the northeast quarter of Section 33-10-26 in Franklin county.

O. F. Whitaker, trustee, filed log of the Simon Howard No. 1 test located 600 feet east and 150 feet north of the southwest corner of the northwest quarter of the northeast quarter of Section 20-12-16 in Ouachita county.

10 Wells Drilling, Two Others Rigging Up in Miller.

Special to the Gazette.

Texarkana, July 24.—Ten wells are drilling in the new south Miller county extension of the Rodessa field, two others are rigging up and locations are being staked for at least five other tests for which permits have been granted by the Arkansas Board of Conservation.

Leading the drilling race toward the pool discovered by W. L. McClanahan at his Capps No. 1, in 11-20-28, a month ago, is the Freeman W. Burford test on the Gerald tract in 15-20-28, less than half a mile southwest of the producer. It is reported digging at approximately 5,000 feet and lacking only 1,100 feet reaching the level where McClanahan found oil in richer paying quantities than Miller county has ever known before. Today the discovery well is reported making 485 barrels daily.

Three other wells being drilled by Burford, who is president of the East Texas Refining Company, with headquarters at Dallas, are at the 4,500-foot level. Two of these three tests are on the J. E. Eason lease, one of which is northwest of the discovery well and the other east and south of the producer, and the third well is on the Capps tract in 14-20-28.

McClanahan himself has not been idle since he brought in his well and extended the Rodessa field 2 1-4 miles northeast into Arkansas. He has two wells drilling and is rigging up for a third, all within site of the discovery well. His test southwest of the producer is slightly below the 4,000-foot level. Southeast of his discovery test he is setting second string casing at 900 feet and is rigging up at a test northwest of the producer.

B. A. Skipper of Longview, who is drilling west of McClanahan's northwest offset, is setting second string casing at 1,000 feet at his test on the Womack lease in 11-20-28.

Roberts Bros., drilling on the W. W. Capps tract in 10-20-28, are below the 4,000-foot level.

William Monroe Layton, testing on the Terry tract south of the discovery well and near the Arkansas-Louisiana line, is digging at 4,525.

Three locations have been staked on the M. A. Womack lease in 11-20-28 and two on the J. N. Thomas lease in 12-20-28.

OIL NEWS

Three New Producers In Shuler Area

Gazette 8-8-37

Special to the Gazette.

El Dorado, Aug. 7.—Three new producers, making a total of eight for the area, were completed in the Shuler area west of El Dorado in Union county this week and casing has been set for final testing in six others. Two tests in the area were also temporarily abandoned this week, making a total of three that have been abandoned and four other tests are coring or drilling in the vicinity of the producing sands. A permit has been issued for another test in the area but as yet no operations have been started. Daily production from the eight producers in the area is about 7,300 barrels of oil and about 14,000,000 cubic feet of gas.

The Marine Oil company Thursday re-completed its Edwin M. Jones No. 1 test in section 17-18-17 for a producer after the well had turned to salt water and stopped flowing Monday after being completed for a 1,600 barrel producer Sunday.

Casing had been set at 5,960 feet and pipe perforated at 5,861 to 5,885 feet. The well was washed in Sunday for daily production of 1,600 barrels of oil and about 2,000,000 cubic feet of gas. However Sunday night the oil flow stopped and the well began making salt water. Operators closed the well in and later opened the well through the casing and it began producing oil. Connections were changed and the tubing opened Wednesday and the well was swabbed through the tubing Thursday and began flowing again. Its production was estimated at from 50 to 60 barrels of oil per hour and gas at the rate of about 1,000,000 cubic feet a day. The well continued to make a showing of salt water but operators were not alarmed and the flow was not heavy enough to ruin the well. The test is located in the southwest corner of the northwest quarter of the southwest quarter of section 17-18-17 and is a north off-set to the Fee No. 1 of the Marine company which was completed last week. The Jones well is the third producer of the Marine company in the new Shuler area.

Monday of this week the Lion Oil Refining company completed its fourth producer in the Shuler area when the Morgan A-2 well in section 18-18-17 was brought in for a producer of about 1,500 barrels of oil and 4,000,000 cubic feet of gas a day. The test is a south off-set to the Justiss No. 1 producer of the Marine Oil company and is located in the northwest corner of lot one in the southwest quarter of section 18-18-17 on the same tract of land as the discovery well.

Steady Production.

Casing was set in the well at a depth of 5,803 feet after a good showing was obtained in a drill stem test at that depth and the pipe was perforated from 5,795 to 5,803 feet. Production in the well has been steady since its completion around the 1,500 barrel mark. The well is producing through a 25-64 inch choke on the tubing.

Earlier the Lion had completed its Morgan B-2 well in section 18-18-17 for a producer of 1,700 barrels of oil and 2,000,000 fet of gas a day. The test which is a west off-set to the Alice Sidney producer, is located in the northeast corner of the northwest quarter of the southeast quarter of section 18-18-17.

Casing was set in the well last week at a depth of 5,814 feet and pipe perforated at 5,760 to 5,774 feet and from 5,804 to 5,811 feet. The well is flowing through a 15-64 inch choke on the tubing with steady production.

The other two producers of the Lion company are the Morgan A-1 discovery well in the center of lot one in the southwest quarter of section 18-18-17 which producing 228 barrels of oil and 1,500,000 cubic feet of gas through a one inch tubing choke from 5,556 to 5,559 feet and the Morgan B-1 test, located in the southwest corner of the northwest quarter of the southeast quarter of section, which is producing 622 barrels of oil and 750,000 cubic feet of gas daily on a half-inch choke from a depth of 5,548 to 5,599 feet.

Last week the Marine completed its Fee No. 1 test in the northwest corner of the southwest quarter of the southwest quarter of section 17-18-17 for a producer of 1,000 barrels of oil and about 3,000,000 cubic feet of gas daily. The well is flowing through a 24-64 inch choke on the tubing from a depth of 5,588 to 5,614 feet.

The Marine's other producer is the Justiss No. 1 located in the southwest corner of lot seven in the southwest quarter of section 18-18-17 and is producing 575 barrels of oil and 1,000,000 cubic feet of gas daily on a 27-64 inch choke from a depth of 5,605 feet.

Other Producer

The other producer in the field is the D. S. and J. C. Morgan No. 1 of the Alice Sidney company located in the northwest corner of the northeast quarter of the southeast quarter of section 18-18-17 which is producing 504 barrels of oil and 750,00 cubic feet of gas daily on a 27-64 inch choke.

Next completion in the field is expected to be the Marcus Justiss No. 1 of the Phillips Petroleum company in which casing was set this week at a depth of 6,101 feet with total depth of 6,138 feet. The test which is a west off-set to the Justiss producer of the Marine company is reported to have encountered tseveral good showings in cores at various depths but no drill stem tests have been made. No announcement has been made by the Phillips company at which depth casing will be perforated. It was expected that final testing of the well would be started this week-end. The test is located in the southeast corner of lot six in the northwest quarter of section 18-18-17.

The Phillips company has also set casing for final testing of its T. P. Marks No. 1 test a west off-set to the Morgan A-2 producer of the Lion company located in the northeast corner of lot two in the southwest quarter of section 18-18-17. Casing was set at a depth of 6,083 feet. No drill stem tests were made on the test.

Casing was also set Thursday on the Louis Rosen No. 1 test of the Phillips company in the southeast corner of the southwest quarter of the northeast quarter of section 18-18-17. The test is a north off-set to the Morgan B-2 producer of the Lion company. Casing was set at a depth of 6,096 feet. As in the other two tests no drill stem tests were made. A Slumberger test was made on the well Wednesday night before casing was set.

Final Testing.

The Lion Oil Refining company has also set casing for final testing of its Morgan A-3 test in the southeast corner of lot one in the southwest quarter of section 18-18-17, a west off-set to the Morgan B-1 producer of the same company. Casing was set at a depth of 5,797 feet after a good showing was obtained in a drill stem test at a depth of 5,781 to 5,806 feet.

Following a good showing in a drill stem test at 5,560 to 5,575 feet the Alice Sidney company Thursday set casing at a depth below 6,100 feet in its D. S. and J. C. Morgan No. 2 test in section 18-18-17. The test, which is a west off-set to the Edwin M. Jones No. 1 producer of the Marine company, is located in the southeast corner of the northeast quarter of the southeast quarter of section 18-18-17.

Following several good oil showings in cores from 5,910 to 5,927 feet and from 6,191 to 6,197 feet Jones, Murphy and Hurley set casing at a depth of 6,294 feet in their Murphy Land company A-1 test in the northwest corner of the northeast quarter of the northeast quarter of section 19-18-17.

The same operators are coring below 5,836 feet in their Katherine Gallagher No. 1 test in the northeast corner of lot four in the northwest quarter of section 19-18-17. Good oil showings were obtained in the test from 5,815 to 5,824 feet.

In the Marine Oil company No. 1 test in the northwest corner of the southwest quarter of the southeast quarter of section 17-18-17, Jones, Murphy and Hurley are coring ahead below 5,662 feet after obtaining showings of oil and gas in cores from 5,582 to 5,636 feet.

Three Good Showings.

The Lion company is coring ahead below 5,905 feet in its Justiss A-1 test in the northeast corner of the northwest quarter of the northeast quarter of section 19-18-17 after obtaining good showings in three drill stem tests. The first test was made from 5,660 to 5,675 feet, the second at 5,764 feet and the third from 5,848 to 5,858 feet. It is expected that casing will be set soon for final testing.

The Phillips company is drilling ahead below 5,855 feet in its Ed Gann No. 1 test, a north off-set to the Alice Sidney producer, in the southwest corner of the southeast quarter of the northeast quarter of section 18-18-17.

The tests in the area were abandoned this week making a total of three that have been temporarily abandoned. The C. H. Murphy No. 1 test of Jones, Murphy and Hurley located in the northwest corner of lot six in the northwest quarter of section 19-18-17 was abandoned at a depth of 5,597 feet and the Murphy Land company B-1 of the same operators, located in the southwest corner of the southeast quarter of the northeast quarter of Section 13-13-18 was abandoned at a depth of 5,987 feet. Pin point showings of oil were obtained in the test from 5,961 to 5,974 feet.

The Alice Sidney company some time ago temporarily halted operations on its Powledge No. 1 test in the southeast corner of the southwest quarter of the southeast quarter of section 7-18-17 at

the center of the section; the J. T. Arnold No. 8 test located 1,520 feet east and 200 feet north of the center of the section and the J. T. Arnold No. 13 test located 200 feet south and 200 feet east of the northwest corner of the northeast quarter of the northwest quarter of the section.

The Nivla Oil Corporation filed log of the M and P Bank No. 1 test located 150 feet west and 150 feet north of the southeast corner of section 18-15-26 in Miller county.

The Nivla Oil corporation filed log of the Delay No. 1 test located 330 feet north and 330 feet east of the southwest corner of the northwest quarter of the southeast quarter of section 19-15-24 in Lafayette county.

E. H. Moore Inc., filed log of the Dale No. 1 test located 691 feet north and 455 feet west of the center of section 24-15-26 in Miller county.

Benedum and Trees Oil company filed deepening record of the Groves Land and Timber company No. 1 test located 170 feet north of the center of the north half of the southeast quarter of the northwest quarter of section 10-14-20 in Nevada county.

a depth of 6,005 feet after no showings were obtained.

Z. T. Spruiell has as yet failed to start operations of his Justiss No. 1 test in the northeast corner of the northeast quarter of the southeast quarter of section 7-18-17 for which a permit was issued last week.

Operators on the Graves No. 1 test of Tidewater and Seaboard interests in section 33-13-18 west of Camden in Ouachita county are drilling below surface casing. The test which is to be drilled 100 feet into the lime formation is located in the center of the northwest quarter of the southeast quarter of the northwest quarter of the section.

Near Producing Level.

Three wells in the Miller county extension of the Rodessa field this week were nearing producing level. All are tests of Freeman W. Burford. The deepest is the Eason No. 2 in section 11-20-28 half a mile south of the McClannahan discovery well which was at a depth below 5,900 feet. The Gerald B-1 was drilling below 5,850 feet in section 15-20-28, the Easton No. 1 was drilling below 5,400 feet and the Capps No. 1 in section 14-20-28 was drilling below 5,800 feet.

McClannahan et al are drilling below 4,200 feet on their Capps No. 2 test and at 3,200 feet on their Capps No. 3 test both in section 11-20-28 and have set surface casing in the Wommack No. 1 test.

Anding and Byrl are drilling below 3,600 feet in their Skipper No. 1 test in section 11-20-28 and Roger Lacy is rigging up on his Grogan No. 1 in section 15-20-28.

Robert Brothers are drilling below 3,600 feet in their Finley No. 1 test in section 1-23-16 and are drilling below 3,800 feet in their Capps No. 1 test in section 10-20-28. The Layton Oil company is drilling below 5,650 feet in its Terry No. 1 test in section 14-20-28.

Seven permits to drill new tests and eight to plug and abandon old tests were issued by the State Conservation Department this week. Logs of four wells were also filed.

H. C. Cummings of Shreveport, Louisiana, obtained a permit to drill the Treadway No. 1 test located 165 feet east and 330 feet south of the northwest corner of the west half of the northwest quarter of the southeast quarter of the northeast quarter of section 10-20-28 in Miller county.

Tom Potter of Kilgore, Texas, obtained permit to drill the Larry and Vance No. 1 test located 330 feet north and 215 feet west of the southeast corner of the northwest quarter of the southwest quarter of section 11-20-28 in Miller county.

Benedum and Trees of Pittsburgh, Pennsylvania, obtained permit to drill the C. C. Fincher No. 1 test located 990 feet south and 270 feet east of the northwest corner of the northwest quarter of the northeast quarter of section 10-14-20 in Nevada county.

To Drill Four Wells.

R. H. Long of Corpus Christi, Texas, obtained permit to drill four wells in section 10-20-28 in Miller county. They will be the J. P. Greer No. 1 test located 330 feet north and 330 feet west of the southeast corner of the northeast quarter of the southeast quarter of the section; the J. P. Greer No. 3 test located 330 feet south and 330 feet east of the northwest corner of the northeast quarter of the southeast quarter of the section and the J. P. Greer No. 4 test located 330 feet north and 330 feet east of the southwest corner of the northeast quarter of the southeast quarter of the section.

The Standard Oil company of Louisiana obtained permits to plug and abandon eight tests in 26-15-16 in Ouachita county. They are the J. T. Arnold No. 2 test located 1,120 feet south and 200 feet east of the northwest corner of the northeast quarter of the northwest quarter of the section; the J. T. Arnold No. 3 test located 1,120 feet north and 200 feet east of the center of the section; the J. T. Arnold No. 4 test located 1,120 feet south and 2,440 feet west of the northeast corner of the section; the J. T. Arnold No. 5 test located 1,120 feet south and 1,120 feet west of the northeast corner of the section; the J. T. Arnold No. 6 test located 200 feet north and 200 feet east of the center of the section; the J. T. Arnold No. 7 located 1,120 feet east and 200 feet north of the center of the section; the J. T. Arnold No. 8 test located 1,520 feet east and 200 feet north of the center of the section and the J. T. Arnold No. 13 test located 200 feet south and 200 feet east of the northwest corner of the northeast quarter of the northwest quarter of the section.

The Nivla Oil Corporation filed log of the M and P Bank No. 1 test located 150 feet west and 150 feet north of the southeast corner of section 18-15-26 in Miller county.

The Nivla Oil corporation filed log of the Delay No. 1 test located 330 feet north and 330 feet east of the southwest corner of the northwest quarter of the southeast quarter of section 19-15-24 in Lafayette county.

E. H. Moore Inc., filed log of the Dale No. 1 test located 691 feet north and 455 feet west of the center of section 24-15-26 in Miller county.

Benedum and Trees Oil company filed deepening record of the Groves Land and Timber company No. 1 test located 170 feet north of the center of the north half of the southeast quarter of the northwest quarter of section 10-14-20 in Nevada county.

Testing in Three Areas Holds Operators' Attention.

Special to the Gazette.

Shreveport, La., Aug. 8.—Attention of operators in the Shreveport territory this week centered on several areas where important wells were either testing or new operations announced, particularly the Miller county (Ark.) extension area of Rodessa, the new Grogan field of DeSoto and the Schuler area in Union county, Arkansas. Uncovering of a new North Louisiana gas reserve in Lincoln parish was also an important development of the week.

Three wells were due to start testing Monday in the Miller county extension area of the Rodessa field. All operations of Freeman W. Burford, East Texas independent, they were the first to reach the 6,100-foot Glen Rose pay in the area opened by W. L. McClanahan's Capps No. 1 producer.

Burford's Eason 2, section 11-20-28, one of the trio, is one-half mile southeast of the extension oiler; his Gerald B-1, section 15-20-28, is half-mile southwest and Capps No. 1, section 14-20-28, one-quarter mile south. Each logged a section of saturation.

Arkansas Rules.

With the first of 12 active operations in the extension area reaching the pay, the Arkansas Board of Conservation adopted rules and regulations conforming with those in Louisiana and Texas parts of the field in regard to spacing and well allowables for the Miller sector.

Burford prepared to test another area along the main Rodessa fault soon as he was laying fuel line for an operation on the Dickson tract in section 11-20-27, Miller county, about four miles northeast of production on the Louisiana side of the field.

In the new Grogan Paluxy sand oil field of DeSoto parish, seven miles northeast of Pleasant Hill, Pullman Oil Company, discovery operators, continued to test its Ramsey 3, section 36-11-11, north offset ot the initial producer at 2,946 feet. In the meantime, Paul Miller, Etex independent, was testing Barron No. 1, a south offset to the discovery at 2,958 feet. Two wells were drilling in the new area.

Although drilling ahead toward the Travis Peak, David Lide & George Greer's Causey 1, Section 32-19-2, Lincoln parish wildcat, definitely opened a new north Louisiana gas reserve from the Glen Rose section with its showing estimated 50,000,000 cubic feet of gas on drill stem test from 5,320 to 5,328 feet. The hole was abandoned last year in the top part of the Glen Rose by a major company and taken over recently by operators for deepening.

Wildcat Failure.

This parish recorded a wildcat failure this week with abandonment of Easton & Belmont's Dye 1, Section 21-19-4. The well went to 6,006 feet, and made several tests of porous sections at upper levels. This parish, however, received a new operation with spudding of G. E. Burford et al.'s Hanna No. 1, Section 34-18-4, about one mile north of an area where three gas distillate producers have been completed from the Glen Rose.

Holding considerable attention was an operation three miles southeast of production in the Lisbon district, Claiborne parish, J. R. Bevill et al.'s Edmonds No. 1, Section 16-20-5, which set casings for production test after reportedly logging saturation from 5,398 to 5,413 feet.

In DeSoto parish, Superior Oil Company of Oklahoma was preparing to plug its Joyner No. 1 wildcat in Section 28-11-12, to test a sand at 2,893 feet, after a dry drill stem test from 5,148 to 5,170 feet. The well went to total depth of 5,615 feet. In south Caddo parish, Prairie River Syndicate's Hutchinson No. 1, Section 15-15-12, was below 8,285 feet.

On the north flank of the shallow Converse field, Sabine parish, Kirk-Greenway, Inc.'s Whitney No. 1 Section 8-9-13, was waiting orders at 8,510 feet. In the Bear Creek area of Bienville parish, H. L. Hunt and Seaboard Oil Corporation continued rigging up for a second well in this new gas-distillate area at Commercial Real Estate No. 1, Section 3-16-6.

In Gas Part.

In the gas part of the Rodessa field on the Louisiana side, R. W. Norton will perforate casing from 8,970 to 9,005 feet in Payne No. 1, Section 27-23-16, for another try at opening a deeper zone for the Rodessa field. The well tested dry in Big lime at 10,600 feet where it had been plugged back after going to below 11,400 feet in rock salt.

One-half mile north of production in the northeast end of the field, Standard of Louisiana, completed Farmer 2, Section 7-23-15, as an estimated 10,000,000-foot gas producer, at 6,069 feet.

In the Lodi extension area of the field in Marion county (Texas) where five oilers have been completed, United Gas Public Service Company was testing Hutchinson No. 1, a De Los Santos Coy survey at 6,090 feet.

Construction of a six-inch pipe line to this area of the field, connecting with its present facilities about 12 miles northeast in the Cass sector, will be started immediately by the Southern Liberty Pipe Line Company.

OIL NEWS

Shuler Area Sees Fifth Producer In

Special to the Gazette. 8-1-37

El Dorado, July 31.—The fifth producer in the Shuler area west of El Dorado in Union county was completed Thursday morning and three other producers were expected to be completed this week-end or early next week.

The newest producer in the Shuler area is the Fee No. 1 test of the Marine Oil Company in Section 17-18-17 which was completed for production estimated at 3,000 barels of oil and 3,000,000 cubic feet of gas daily. The producer is the second to be completed by the Marine company in the new area.

The Marine has also set casing for final testing expected early next week in its Edwin M. Jones No. 1 test, also in Section 17-18-17 and the Lion Oil Refining Company which has two producers in the area has set casing on two additional tests, one of which was expected to be completed this week-end and the other early next week.

Several other tests in the area have made good showings in drill stem tests and in cores but casing has not been set.

The Miller county extension of the Rodessa field continues to share the interest of Arkansas operators with the Shuler area and several permits have been issued for additional tests in that area. There are at present more than a dozen wells drilling or preparing to drill in the area and locations staked for several more.

Ouachita County Tests.

Operations have also started on a deep wildcat test in Ouachita county west of Camden that may prove to be the opening of a new producing territory. The well is being drilled by Tidewater interests and will be drilled 100 feet into the big lime unless commercial production is obtained at a lesser depth.

The newest producer in the Shuler area is the Fee No. 1 test of the Marine Oil Company located in the northwest corner of the southwest quarter of the southwest quarter of Section 17-18-17 and is the first producer to be completed outside Section 18-18-17. Its completion extends production about a quarter of a mile southeast.

Following several good showings in drill stem tests at various levels, the Marine company last week set casing at 5,801 feet in the test. Casing was perforated Wednesday at 5,588 to 5,614 feet and washing started Thursday morning. After being washed for some time the well failed to flow and an air-jammer was rigged up forcing air into the casing to lower the fluid level in the pipe. After air was pumped into the casing for a short time the well started to flow.

In the first hour after the well was turned into the tanks it gauged about 75 barels of oil. After that various sized chokes were used and the well was then placed on a half-inch choke. At this gauge it produced 60 barrels of oil an hour and gas at the rate of about 3,000,000 cubic feet a day. The well also made a showing of salt water along with the oil production. It was estimated by officials of the company that the salt water flow was about 10 per cent of the production. Officials were not alarmed at the amount of salt water declaring that that amount would not be injurious to the well.

Jones No. 1 Sets Casing.

The Marine company has also set casing at a total depth of 5,960 feet in its Edwin M. Jones No. 1 test in the southwest corner of the northwest quarter of the southwest quarter of Section 17-18-17, a north offset to Fee No. 1 well. Casing was set following a good oil showing in a drill stem test at 5,861 to 5,885 feet. It is expected that the well will be completed early next week.

The next producer expected to be completed in the area is the Morgan B-2 well of the Lion Oil Refining Company, a west offset to the Alice Sidney producer in the northeast corner of the northwest quarter of the southeast quarter of Section 18-18-17. Casing was set in the well at a depth of 5,814 feet last week following a good showing in a drill stem test at 5,806 to 5,814 feet. Other good showings were obtained at higher levels in previous tests.

Casing was perforated in the well Thursday at about the 5,806 to 5,814-foot level and it was expected that the well would be completed for a producer this week-end.

The Lion company has also set casing for final testing in its Morgan A-2 well, a south offset to the Marine's Justiss producer in the northwest corner of lot 1 in the southwest quarter of Section 18-18-17. Casing was set at 5,803 feet following a good showing in a drill stem test at a depth of 5,795 to 5,803 feet.

The Lion company has obtained good showings and is expected to set casing soon in two other tests in the Shuler area. Good showings have recently been obtained in drill stem tests at 5,600 to 5,675 feet and at 5,755 to 5,764 feet in the Justiss A-1 test in the northeast corner of the northwest quarter of the northeast quarter of Section 19-18-17. Lion also obtained a good showing in a drill stem test at 5,528 to 5,573 feet in the Morgan A-3 test, a west offset to its Morgan B-1 producer in the southeast corner of lot 1 in the southwest quarter of Section 18-18-17. It is expected that operators will core and drill considerably deeper tesing all formations before setting casing for a final test.

Final Testing Soon.

Another test on which casing is expected to be set for final testing in a short time is the D. S. & J. C. Morgan No. 2 test of the Alice Sidney company in the southeast corner of the northeast quarter of the southeast quarter of Section 18-18-17. A good showing was obtained in a drill stem test at 5,860 to 5,875 feet. The test is a west offset of the Jones No. 1 test of the Marine company on which casing has been set.

The Alice Sidney company has temporarily abandoned operations on its Powledge No. 1 test in the southeast quarter of the southwest quarter of the southeast quarter of Section 7-18-17 after no showings were obtained at a depth of 6,005 feet.

Although no drill stem test have as yet been made on any of their wells, the Phillips Petroleum Company is reported to have obtained several good showings in cores taken from four tests in the Shuler area.

The deepest test in the area is the Marcus Justiss No. 1 test of the Phillips company, a west offset to the Justiss producer of the Marine company in the southeast corner of lot 6 in the northwest quarter of Section 18-18-17 which is now drilling at a depth of 6,082 feet.

The T. P. Marks No. 1 of the Phillips company, a west offset to the Morgan A-2 well of the Lion Oil Refining Company, in the northeast corner of lot 2 in the southwest quarter of Section 18-18-17, is coring in shale below 5,828 feet.

The Ed Gan No. 1 test of the Phillips company, a north offset to the Alice Sidney producer in the southwest corner of the southeast quarter of the northeast quarter of Section 18-18-17, is coring in shale at a depth of 5,665 feet. The Louis Rosen No. 1 test of Phillips, a north offset to the Morgan B-2 well of the Lion company in the southeast corner of the southwest quarter of the northeast quarter of Section 18-18-17, is coring in shale at 5,816 feet.

Oil in Cores.

Good showings of oil in cores and drill stem tests have been obtained by Jones, Murphy & Hurley in several of their five tests being drilled in the Shuler area. Slight shows of oil were obtained in cores from 5,910 to 5,927 feet in the Murphy Land Company A-1 test in the northwest corner of the northeast quarter of Section 19-18-17. The same operators obtained pin point showings of oil in cores from 5,926 to 5,943 feet in their C. H. Murphy No. 1 test in the northwest corner of lot 6 in the northwest quarter of Section 19-18-17.

In the Murphy Land Company B-1 test in the southwest corner of the southeast quarter of the northeast quarter of Section 13-18-18, Jones, Murphy & Hurley obtained a pin point showing of oil in cores at 5,961 to 5,976. The Katharine Gallagher No. 1 test of the same operators in the northeast corner of lot 4 in the northwest quarter of Section 19-18-17 is coring in sandy shale at 5,569 feet and the Marine No. 1 test in the northwest corner of the southwest quarter of the southeast quarter of Section 17-18-17 is drilling at 5,138 feet.

The wildcat test in Ouachita county which is being watched with much interest is the Graves No. 1 test of Tidewater and Seaboard interests. The test is located in the northwest corner of the southeast quarter of the northwest quarter of Section 33-13-18.

The test is in the center of a large block of acreage assembled by the operators and in addition considerable acreage has been blocked in the area by other interests. Location of the test was made following considerable seismograph shooting tests in the vicinity. A 126-foot steel derrick has been erected and rigging up is well under way and drilling is expected to start soon.

Eight drilling permits and one to plug and abandon an old test were issued by the state Conservation Department this week. Log of one well was also filed.

To Drill Justiss No. 1.

Z. J. Spruiel of Tyler, Tex., obtained a permit to drill the Justiss No. 1 test, located 210 feet west and 105 feet south of the northeast corner of the northeast quarter of the southeast quarter of Section 7-18-17 in Union county.

Eunice Westbrook of Texarkana, Ark., obtained a permit to drill the Eunice Westbrook No. 1 test located 660 feet from the north and south lines, and 140.25 feet from the east and west lines of the 8 1-2 acre tract on the west side of a tract containing 33 1-2 acres off the east side of the southeast quarter of the southeast quarter of Section 1-20-28 in Miller county.

The Tidewater Associated Oil Company of Houston, Tex., obtained a permit to drill the Mrs. S. A. Graves No. 1 test, located in the center of the northwest quarter of the southeast quarter of the northwest quarter of Section 33-13-18 in Ouachita county.

F. L. Westbrook of Texarkana, Ark., obtained a permit to drill the F. L. Westbrook No. 1 test, located 264 feet north and 165 feet west of the southeast corner of the northeast quarter of the southwest quarter of Section 1-20-28 in Miller county.

Loree B. Horton of Marshall, Tex., obtained a permit to drill the G. W. Farmer No. 1 test, located 330 feet north and 352.2 feet west of the southeast corner of the fractional Section 13-20-28 in Miller county.

F. A. Griffith of Vivian, La., obtained a permit to drill the A. J. Cross No. 1 test, located 660 feet north and 49.5 feet west of the southeast corner of the east half of the southeast quarter of the northeast quarter of Section 11-20-28 in Miller county.

Layton, Cook Get Permit.

William Monroe Layton and Benjamin T. Cook of Texarkana, Ark., obtained a permit to drill the W. G. Farmer No. 1 test, located 386 feet west and 288 feet south of the northwest corner of the fractional northeast quarter of the fractional Section 13-29-28 in Miller county.

The same operators obtained a permit to drill the W. G. Farmer No. 2 test, located 386 feet west and 863 feet south of the northwest corner of the fractional northeast quarter of the fractional Section 13-20-28 in Miller county.

Reynolds & King obtained a permit to plug and abandon the Fort Smith Timber and Land Company No. 1 test located 330 feet north and 300 feet east of the southwest corner of the northwest quarter of the southeast quarter of Section 27-11-17 in Ouachita county.

W. E. Stewart filed log of the W. B. Waller No. 1 test, located 330 feet north and 330 feet west of the southeast corner of the northwest quarter of the northeast quarter of Section 1-14-20 in Nevada county.

Three Wells Reach Paluxy Zone In New Grogan Field.

Special to the Gazette.

Shreveport, La., July 31.—Reaching of the Paluxy producing zone by a second and third well in the new Grogan field of DeSoto parish, apparent opening of a new gas distillate structure in Caddo parish and widening of the limits of the Lisbon field to the south, held north Louisiana development interest this week.

Pullman Oil Company, discovery operators of the new Grogan field, reached the 2,950-foot pay zone in its Ramsey 3, section 36-11-11, and set casing. This is a north offset to the discovery. To the south Paul Miller, East Texas independent, prepared to set casing in J. P. Barron No. 1, section 36-11-11, after reaching the pay.

The discovery oiler continued to flow about 10 barrels of oil hourly with some water. A number of locations are being held up, pending completion of a second well.

Twelve miles southwest of Shreveport, W. J. Hunter et al.'s N. B. Stoer No. 1, section 10-15-15, had apparently opened a new gas distillate area in Caddo parish, as it showed estimated 10,000,000 feet of gas daily with considerable distillate on initial test from 5,100-20 feet in one of the top Glen Rose lime sections.

New Area Opened.

Considerable new area was opened to production this week in the Lisbon field of Claiborne and Lincoln parishes with the completion of a half mile extension oiler by Lyons & Neely et al. at their Aycock No. 1, section 6-20-4, at 5,382 feet, flowing 37 barrels hourly through 3-8-inch choke. Listed among completions this week or those wells waiting on testing, were several that would extend the field's limits to the northeast and east.

One half mile north of production, T. L. James & Co. was preparing to go back in Baker No. 1, section 25-21-5, and set casing for testing after being abandoned for several months. It was first thought to have insufficient pay to produce. Three miles southwest of production Shreveport Oil Corporation's Edmonds No. 1, section 16-20-5, was below 5,325 feet coring for the Lisbon pay zone.

H. L. Hunt and Seaboard Oil Company this week abandoned as dry their Good Line No. 1, section 30-14-5, Bienville parish wildcast, at 7,784 feet, in the Travis Peak. Operators have moved rig to a new location at Commercial Real Estate No. 1, northeast quarter of the northwest quarter of section 3-16-6, Bienville parish, offsetting a recently completed wildcat which opened a new north Louisiana gas distillate structure.

Reaching its contract depth of 5,000 feet, American Liberty Oil Company and George J. Greer have abandoned Commercial Bank No. 1, section 9-1-8, Vernon parish wildcat. In Red River parish, W. J. Hunter et al. spudded and were below 1,000 feet in Long Bell 2, section 20-13-9, new deep wildcat. In south Caddo, Prairie River Syndicate's Hutchinson No. 1, section 15-15-12, was coring below 8,235 feet. North of the shallow Converse field, Kirk-Green, Way Inc.'s Whitney 7, section 8-9-13, was below 8,275 feet.

Lime Test Planned.

Materials were being moved in this week by Ludel Oil Company for a new wildcat in Lincoln parish at Gill No. 1, section 36-20-2, planned as a Glen Rose lime test. In DeSoto parish, Clear Lake Oil Company spudded a new wildcat at Walloum No. 1, section 29-12-12.

Dormant for several years, the small Dixie field of Caddo parish gave promise of new activity this week with the completion of a 200-barrel daily flowing well by R. G. Trippett et al. at School Board No. 2, section 16-19-14, at 2,448 feet.

With several of the 14 active drilling wells below the 5,000-foot mark, the Arkansas extension area of the Rodessa field in Miller county is due to come in for attention next week when the wells will be picking up markers that will somewhat tell their outcome. W. L. McClanahan's Capps 1, section 11-20-28, extension oiler, continues to flow at an average of 450 barrels daily.

R. W. Norton's Payne No. 1, section 27-23-16, Rodessa deep test, was washing after setting liner and tubing, for testing again the big lime horizon at pluuged back total depth of 10,600 feet.

Oil News

New Oil Wells Extend Fields For Half-Mile

Gazette 8-1-37

Rodessa and Lisbon Areas Widened; New Producers Expected.

Shreveport—Half-mile extensions of the Rodessa and Lisbon fields, and indications of two additional producers in the new Grogan field in DeSoto parich, featured oil developments last week in North Louisiana.

The Rodessa extension is just across the Texas line in Cass county and carried production a half mile farther northwest when Bay Oil Corporation completed No. 1 Cobb and No. 1 W. B. Parker, both in the George Crowder survey in the Mitchell sand, and flow, respectively, 30 and 18 barrels hourly through half-inch tubing choke. No. 1 Cobb is the outpost.

In the Lisbon field, Lyons and Nelly and Desport Brothers completed No. 1 Aycock, nw sw section 6-20n-4w, Lincoln parish, flowing 37 barrels per hour through half-inch tubing choke at total depth of 5,382 feet. Saturation was logged from 5,360 to 5,375 feet. This blasts the theory held by some that saturation would thin out to the south, this amount of saturation being as much as in the discovery well in the field in ne ne section 1-20n-5w.

Pullman Oil Company (M. J. Grogan et al.) cored Saturated Paluxy sand at the 2,950-foot level in No. 3 Ramsey, section 36-11n-11w, De-

Soto parish, and is waiting on cement to set, after this test checked nine feet higher on top of saturation than the same company's No. A-1 Ramsey, discovery well of the Grogan field. A south offset to the discovery, Paul Miller's No. 1 Barron, was also coring for the pay as the week closed.

New Space Rule Invoked.

An important development during the week was announcement by William G. Rankin, Louisiana Conservation Commissioner, that an 80-acre space rule will hereafter be followed for the 8,100-foot lower Marine (Bodcaw) horizon in the Cotton valley field, Webster parish, where 11 gas-distillate wells are producing from this horizon.

The three largest operators in the field, Ohio Oil Company, Magnolia Petroleum Company and United Gas, had asked for a 160-acre space rule and Wooley Petroleum Company of Houston, Tex., and landowners had asked that the hitherto 40-acre space rule be kept in effect. Rankin's order limits production of gas to 35 million feet daily to be divided among the 11 wells of the field, which is classed a gas field not as a distillate or oil field. Ohio, Magnolia and United claimed they had markets for only 35 million feet of gas daily at present. Under the order wells will be placed in centers of forties or if the 40-acre rule is again invoked it will cause a minimum of trouble.

Four tests in the Miller county (Ark.) extension of Rodessa should reach the pay horizon during the coming week and give a picture of the extent of the Mitchell sand's saturation in that direction. On the north edge of township 23 north, range 15 feet west, bordering the Arkansas line and north of the northeast nose of the Rodessa field Freeman W. Burford continues to add to his holdings.

Gulf Oil Corporation is adding to its holdings northeast of Lisbon production in Claiborne parish. A. O. Olsen of Tulsa, Okla., has made several locations on acreage recently acquired at Lisbon.

The daily allowable for Lisbon was cut to 12,000 barrels for August and is allocated to 60 wells in the field on a 75 per cent acreage and 25 per cent bottom hole pressure basis. The Louisiana side of Rodessa was left unchanged at 50,000 barrels as was the Zigo field, Bossier parish, at 1,200 barrels. Other North Louisiana district's quotas were also unchanged.

Fifth Shuler.

The Shuler field, Union County, Arkansas, added its fifth producer last week to extend production in the Permian horizon there over one-fourth mile south when Marine Oil Company completed No. 1 Fee, NW SW SW Section 17-18-17 flowing 60 barrels of oil daily and a small amount of water after casing was perforated at 5,588 to 5,614 feet. Total depth is 5,801 feet.

Lion Oil Refining Company is testing No. B-2 Morgan, Section 18-18-17, after perforating casing at 5,804-18 feet where it had shown for an oil well in drill stem test.

Marine Co.'s No. 1 E. M. Jones, Sec. tion 17-18-17, cored an oil showing at 5,870-85 feet and the last six feet was soft lignitic sand with good oil saturaton and while this was coarser than the higher lenses it gives hope that other wells that missed pay in the upper lenses may get produce.

Columbia County continued to be the center wildcat interest last week in south Arkansas. Arkansas-Louisiana Gas Company has been shooting around Tidewater Associated and Seaboard Oil Corporation's block centering in Section 24-17-19. On the edges of this block Iowa Payne Oil Company has been leasing. H. L. Hunt leased several hundred acres in the southern part of township 16, range 19. In township 15, range 20, W. N. Searcy has been leasing and Felmont Oil Company of Houston, Texas, has been buying mineral rights in township 17, range 19. Contract for Tidewater Associated's and Seaboard's Formian lime test in Section 33-13-18, Ouachita County, has been let to Smith and McDaniel, Texas drilling contractors.

Two Nexada Completions.

Two pumping wells were completed during the last week in the Troy field, Nevada County, Ark., one of them Benedum & Trees' No. 1 Grove Section 10-14-20, that was plugged back to 2,186 feet from 6,143 feet, and recompleted in the Tokio horizon for 125 barrels daily. The other Troy producer was Powell Briscoe's No. 2 Ritchie, Section 10-14-20, good for 10 barrels daily at 2,275 feet.

Alice Sidney Oil Company's No. 1 Powledge, Section 7-18-17, one-half mile north of production in Shuler, Union County, was abandoned as a dry hole at 6,005 feet in red shale.

North Louisiana completions outside of Rodessa and Lisbon follow: Bossier Parish (Bellevue)—Arkansas Fuel Oil Company, E. No. B-15 Bodcaw, Section 11-19n-11w, pumping eight barrels daily at 480 feet.

Bossier Parish (Sligo) — United Gas Public Service Company, No. 3 Lena Schnitt, Section 14-17n-12w, 16 million feet gas at 4,312 feet.

Red River Parish—Pearla Oil Co., No. M. LeLong, Section 33-12n-19w, dry abandoned at 3,005 feet.

Sabine Parish (Converse)—Whitehurst and Meyers, No. 1 H. Brown, Section 16-9n-13w, pumping five barrles daily at 2,003 feet.

Ouachita Parish (Monroe)—J. & H. Oil Co., A-1 Frost Lbr. Company, Section 36-19n-3e, one and one-half million feet gas at 2,187 feet; No. A-3, Frost Lbr. Co., Section 36-19n-3e, two million feet gas at 2,185 feet.

Union Parish (Monroe)—Interstate Natural Gas Company, No. 67 Fee, Section 20-21n-4e, 16 million feet gas at 2,190 feet.

Drillers at Shuler Have Banner Week

Gazette 8-1-37

Two Good Producers Brought In, Two More Expected Today.

El Dorado—Two new producers are expected to be completed in the Shuler area Sunday to make a total of eight producing wells in the new deep sand area of Union county.

The competitions expected are the Jones No. 1 of the Marine Oil Company, in section 17-18-17, and the Morgan A-2 of the Lion Oil Refining Company, in section 18-18-17.

Officials of the Marine Company announced that the Jones well would be completed Sunday and that casing would be perforated at 5,885 feet, where a good showing was obtained in a drill stem test.

The Marine's well is located on the same lease as a well which was completed Thursday for a producer of 45 barrels of oil per hour and 3,000,000 cubic feet of gas daily on a 24-64-inch choke.

The Lion's well is the Morgan A-2 and is a south offset to the Marine's Justiss No. 1 producer in the northwest quarter of section 18-18-17. Casing was set in the hole earlier this week at a depth of 5,803 feet after a good showing in a drill stem test. It was the intention to perforate casing in time for the well to be completed Sunday or Monday.

The Morgan B-2 of the Lion Company, completed Friday for a big producer, has been pinched back to a quarter-inch choke and is producing 1,657 barrels of oil a day, with casing pressure of 1,620 pounds and tubing pressure of 840 pounds. The test, which is a west offset to the Alice Sidney producers, is located in the southeast quarter of section 18-18-17.

The Phillips Company was running a Schlumberger test on its Justiss No. 1, a west offset to the Marine's Justiss producer in section 18-18-17, at a depth of 6,142 feet. The test is the deepest in the area.

Jones, Murphy and Hurley have temporarily abandoned two of their tests and are waiting further developments in the field before making decision on continuation of operation. The wells are the C. H. Murphy No. 1, in the northwest corner of lot 6, northwest quarter of section 19-18-17, abandoned at 5,975 feet, and the Murphy Land Company B-1, in the southwest corner of the southwest quarter of the northeast quarter of section 13-18-18, abandoned at 5,987 feet.

Z. T. Spruiell of Tyler, Tex., has obtained permit for a test to be drilled in section 7-18-17, north of the hole which the Alice Sidney Company temporarily abandoned at 6,005 feet, but is not yet rigging up. The new test will be in the northeast corner of the northeast quarter of the southeast quarter of the section.

Resume of Operations.

Saturday's drilling report follows: Lion, Morgan B-2, NW SE 18-18-17, producing 1,600 barrels of oil and 2,000,000 cubic feet gas daily on one-half-inch choke.

Lion, Morgan A-2, lot 1 SW 18-18-17, good showing in drill stem test at 5,795 to 5,803 feet; casing set at 5,803 feet. To be completed this week-end.

Lion, Morgan A-3, lot 1 SW 18-18-17, good showing in drill stem test at 5,528 to 5,573 feet; coring at 5,715 feet.

Lion's Justiss A-1, NW NE 19-18-17, good showing in drill stem test at 5,660 to 5,675 feet; good showing in drill stem test at 5,764 feet, coring at 5,802.

Alice Sidney Powledge No. 1, SW SE 7-18-17, abandoned at 6,005 feet.

Alice Sidney D. S. and J. C. Morgan No. 2, NE SE 18-18-17, good showing in drill stem test at 5,560 to 5,575 feet, coring at 5,995 feet.

Phillips' Marcus Justiss No. 1, lot 6 NW 18-18-17, running Schlumberger at 6,142 feet.

Phillips' T. P. Marks No. 1, lot 2 SW 18-18-17, coring in shale below 5,919.

Phillips' Ed Gann No. 1, SE NE 18-18-17, coring at 5,714 in shale.

Phillips' Louis Rosen No. 1, NE 18-18-17, coring in shale at 5,865.

Jones et al., Murphy Land Company A-1, NE NE 19-18-17, slight show of oil in core at 5,910 to 5,927; drilling at 6,009.

Jones et al. C. H. Murphy No. 1, lot 6 NW 19-18-17, abandoned at 5,975.

Jones et al. Murphy Land Company B-1 SE NE 13-18-18, pin point oil showing in core at 5,961 to 5,974; abandoned at 5,987.

Jones et al., Katherine Gallagher No. 1, lot 4 NW 19-18-17; coring and drilling in shale at 5,648 feet.

Jones et al., Marine Oil Co. No. 1, SW SE 17-18-17; drilling at 5,496 feet.

Marine Fee No. 1, SW SW 17-18-17; producing 1,000 barrels oil and 3,000,000 cubic feet gas daily at 5,588 to 5,614 feet through choke tubing.

Marine Oil Company, E. M. Jones No. 1, NW SW 17-18-17; casing set at 5,960; to be completed Sunday.

Z. T. Spruiell, Justiss No. 1, NE SE 7-18-17; permit issued.

Lion, Morgan B-1, NW SE 18-18-17, producing 622 barrels oil and 750,000 cubic feet gas daily on half-inch choke at 5,548-5,599 feet.

Alice Sidney, D. S. and J. C. Morgan No. 1, NE SE 18-18-17; producing 504 barrels on 27-64-inch choke.

Lion Morgan A-1, lot 1, SW 18-18-17, producing 228 barrels oil, 1,500,000 cubic feet gas daily, at 5,556 to 5,559 feet, through one-inch choke on tubing.

Marine Justiss No. 1, lot 7, NW 18-18-17, producing 575 barrels oil and 1,000,000 cubic feet gas at 5,605 feet through 27-64-inch choke on tubing.

Lisbon Field Extension Is Probability

Democrat 8-8-37

New Well Between Two Fields—Prospects in Miller Good.

Shreveport, La.—Possibility of a three-mile southwest extension of the basal Glen Rose producing horizon in the Lisbon field, Claiborne parish, topped all other field developments this week in north Louisiana.

J. R. Bevill and the Shreveport Oil Corporation set five and three-sixteenth-inch casing in No. 1 Alex Edmonds, section 16-20-n-5w, Claiborne parish, after logging saturation in basal Glen Rose lime from 5,398 to 5,413 feet. Elevation is 160 feet. Although this well checked over 200 feet lower, compared to the producing horizon in E. T. Oakes, H. D. Easton et al.'s No. 2 Paxton, section 1-20-5w, discovery well at Lisbon, the saturation in No. 1 Alex Edmonds was reported 21 per cent and posterity 12 per cent.

These operators have about 900 acres around the test, which is almost equidistant between Libson and the Sugar Creek field, whose northeast edge gas well in the Travis Peak is in section 32-20n-5w. There has been a noticeable pickup in leasing and royalty buying between the two fields since the showing in the No. 1 Alex Edmonds.

Another development of the week was the showing for an estimated 50 million-foot basal Glen Rose gas-distillate well in a Lincoln parish wildcat, Lide, Greer et al.'s No. 1 Causey, section 32-19n-2w, which showed producing possibilities in a drill stem test from 5,320 to 5,328 feet. However, as contract calls for deepending this test too the Travis Peak, operators mudded off to drill ahead.

This test, drilled to 4,678 feet last year by Arkansas-Louisiana Gas Company, was recently taken over by Lide, Greer and associates, who drilled the discovery wells in the Grambling-Simsboro gas - distillate field, Lincoln parish, and in section 12-16n-5w, Bienville parish. Ludel Oil Company (W. C. Durant et al.'s) rigging up for a 6,500-foot wildcat test. No. 1 Gill, section 36-20-n4w, Lincoln parish, on a 4,500-acre block recently assembled.

Burks White and associates of Michigan are reported planning a 6,000-foot wildcat test on a block assembled around section 26-20n-7w, Claiborne parish. Gulf Oil Corporation has been leasing recently in township 14 north, range 7 west, Bienville parish, south of a known salt dome.

Immediate possibilities of production in deeper horizons in Rodessa were given a setback when Blackwell Oil and Gas Company's No. 3 Neugent, section 8-23n-15w, on the northeast nose of Rodessa, swabbed dry in the Peitt (basal Glen Rose) and was arranging to acidize.

R. W. Norton's No. 1 Payne, section 27-23n-16w, south of Rodessa production, recently plugged back to 10,600 feet from Permian salt at 11,486 feet, refused to take acid under 2,600 pounds or less pressure after swabbing dry with a show of oil and gas, and being rocked with gas. Plans are now to plug back again and perforate a higher level around 9,000 feet.

Standard of Louisiana's No. 1 Farmer, section 7-23n-15w, north edge well at Rodessa, also appeared to be just on the edge of production showing less than 10 million feet of gas daily when swabbed in the Young horizon.

Good Prospects in Miller.

Prospects appeared bright, however, for the five tests to reach the Gloyd-Mitchell horizon in Miller county, Ark., since W. L. McClanahan's No. 1 Capps, section 11-20-28, recently completed, carried Rodessa producing limits into its third state. The first five wells to reach the pay, four of them operations by Freeman W. Burford, and located in sections 10, 11, 14 and 15-20-28, all logged saturation after checking as high or higher than McClanahan's wells. The other operation also checking high was William M. Layton's No. 1 Terry, section 14-20-28.

The Arkansas Board of Conservation has announced that it will retain the present 10-acre space rule for the Miller county extension area, but will allocate production of wells half on bottom hole pressure and half on an acreage basis. It will not pro-rate the field until conditions warrant it, and no tract of more than 40 acres shall be nominated for just one well.

H. D. Easton and Belmont Quadrangle Drilling Company's No. 1 Dye, Section 21-19N-4W, Lincoln parish, wildcat, has been abandoned at 6,011 feet, but with the aid of several of the companies another test on their 11,000-acre block is planned.

Pullman Oil Company's (M. J. Grogan et al.) No. 3 Ramsey, Section 36-11N-11W, DeSoto parish, located 1,500 feet north of the same company's discovery well in the same section, was flowing by heads this week and was being tested. Paul Miller is also testing No. 1 J. P. Barron, Section 36-11N-11W, a south offset to the discovery well. The latter is averaging about 170 barrels of oil and 30 barrels of water daily, flowing through open two-inch tubing from 2,950 feet in the Paluxy sand.

The Schuler field, Union county, Arkansas, again reflected its lenticularity and showed evidence that some of the lenses in its producing horizons carry water, last week when one of its largest new wells began to show water after completion and finally choked itself out. Efforts were being made to revive it.

This well is Marine Oil Company's No. 1 E. M. Jones, Section 17-18-17, completed after perforating casing 5,874 to 5,885 feet, and after flowing 102 barrels the first hour developed 35 per cent salt water the second hour and netted only 300 barrels the first 12 hours. Perforations will be cemented off and the casing re-shot.

Alice Sidney Oil Company's No. 2 Morgan, Section 18-18-17, was drilling below 6,125 feet after showing salt water in a drill stem test from 6,058-68 feet. Edwin M. Jones was setting casing in No. A-1 Murphy Land Co., Section 19-18-17, at total depth of 6,292 feet. Lion Oil Refining Company's No. A-1 Morgan has gone dead and will be deepened to the Big lime. Phillips Petroleum Company will probably make a deep test of No. 1 Justiss, Section 18-18-17, the highest test structurally in the field. Seven-inch casing has been set at 6,101 feet.

The first Nacatosh sand production for the old Urbana district appears assured, with Arkansas-Southern Oil Company's No. 1 Simmons, Section 15-13-18, Union county, moving in standard rig with 500 feet of oil in the hole at total depth of 2,281 feet.

Standard of Louisiana's No. 1 McKean, Section 8-16-22, Columbia county, is drilling below 3,100 feet, and Tidewater Associated's No. 1 Graves, Section 33-13-18, Ouachita county, is drilling below 800 feet of surface casing. Arkansas-Louisiana Gas Company still keeps a shooting crew working around Tidewater-Seaboard's block in Columbia county.

OIL NEWS

Gazette 8-15-37

Producers And Test Wells Hold Attention

Special to the Gazette.

El Dorado, Aug. 14.—Completion of one producer in the Shuler area west of El Dorado in Union county, completion of three producers in the Rodessa extension in Miller county south of Texarkana and plans to drill to deep test wells in the Shuler area of Union county featured oil activities in Arkansas this week. In addition, a wildcat deep test in Ouachita county west of Camden, which is to be drilled to the lime formation, is coming for a share of interest as it nears the 4,000-foot level.

The newest completion in the Shuler area is the Morgan A-3 test of the Lion Oil Refining Company, which was completed for a producer of about 1,300 barrels daily. The test is located in the southeast quarter of lot one in the southwest quarter of section 18-18-17.

When first completed the well flowed at the rate of about 60 barrels per hour and after being allowed to flow some time settled down to steady production gauged at about 1,300 barrels per day through a half-inch choke on the tubing. The test is a west off-set to the Morgan B-1 producer of the same company.

In the Miller county Rodessa extension Freeman W. Burford, east Texas operator, completed three wells this week for big producers and widened the producing area one quarter to one half mile on three sides of the McClannahan-Capps discovery producer.

Eason No. 2 Completed.

Burford's Eason No. 2 test, about half a mile east of the discovery well in section 11-20-28, was completed for a producer of about 50 barrels per hour and is flowing at that rate through half-inch choke on the tubing. Total depth of the well is 6,115 feet.

The second producer is the Gerald B-1, in section 15-20-28, half a mile southwest of the discovery well, which was completed for a producer of 50 barrels per hour through three-eighths inch choke, at a depth of 6,051 feet.

Reports of plans to drill two tests in the Shuler area to the permian lime formation this week attracted attention. It is expected that both wells will be drilled to a depth of 7,500 feet before the lime formation is encountered.

One of the wells is the Morgan A-1 discovery well of the Lion Oil Refining Company, located in the center of lot one in the southwest quarter of section 18-18-17, and the other is the Marine Oil Company No. 1 of Jones, Murphy and Hurley, located in the northwest corner of the southwest quarter of the southeast quarter of section 17-18-17, more than a mile east of the discovery well and about half a mile east of production in the area.

Jones, Murphy and Hurley are drilling and coring ahead at 5,936 feet in their deep test well. It has been reported that the operators plan to core all the distance to the lime formation.

Jones, Murphy and Hurley late this week were reported to have completed perforations on their Murphy Land Company A-1 test in section 19-18-17, and were preparing to run tubing in the hole for final testing. Casing was set at a total depth of 6,350 feet with oil showings reported obtained at 5,910 to 5,927 feet. The test is located in the northwest corner of the northeast quarter of the northeast quarter of the section and is more than half a mile south of the discovery well. Completion of the well for a producer would be the first producer in section 19-18-17.

Will Make Retest.

Following salt water showings in swabbing operations early this week, operators on the Marcus Justiss No. 1 test of the Phillips Petroleum Company in section 18-18-17, plugged off the salt water and are making plans to retest the well. The first testing was through perforations from 5,812 to 5,822 feet, and after the salt water showing it was planned to plug off from 5,818 to 5,822 feet. The test is located in the southeast corner of lot six in the northwest quarter of section 18-18-17.

The Lion Oil Refining Company this week set casing for final testing on its Justiss A-1 test in section 19-18-17 after several good oil showings were obtained at 5,660 to 5,675 feet, at 5,764 feet and at 5,848 to 5,858 feet and casing was set at 6,012 feet. Completion is expected early next week.

After clogging up and stopping production on two previous occasions, the Edwin M. Jones No. 1 test of the Marine Oil Company was completed for the third time this week and has continued flowing steadily. Production of the well could not be estimated, as its flow and the flow of the Fee No. 1 test of the Marine company were both flowing into the same tanks. Production of both tests is 617 barrels daily. The Jones test is located in the southwest corner of the northwest quarter of the southwest quarter of section 17-18-17 and the Fee No. 1 test is located in the northwest corner of the southwest quarter of the southwest quarter of section 17-18-17. Production of the Justiss No. 1 test of the Marine company in the southwest corner of lot seven in the northwest quarter of section 18-18-17 which is 508 barrels daily gives the Marine company total production of 1,125 barrels daily from its three producers.

Largest Producer.

Total production of the Lion's four wells is 5,428 barrels daily. The largest producer is the Morgan B-2 test located in the northeast corner of the northwest quarter of the southeast quarter of section 18-18-17. The Morgan A-2 test in the northwest corner of lot one in the southwest quarter of section 18-18-17 is producing 1,460 barrels daily, the Morgan A-3 located in the southeast corner of lot one in the southwest quarter of section 18-18-17 is producing 1,255 barrels daily and the Morgan B-1 test in the southwest corner of the northwest quarter of the southeast quarter of section 18-18-17 is producing 1,058 barrels daily.

The other producer in the area, the D. S. and J. C. Morgan No. 1 of the Alice Sidney Company in the northwest corner of the northeast quarter of the southeast quarter of section 18-18-17, is producing 335 barrels daily. Daily production for the seven producers is 6,888 barrels.

Nine permits to drill new tests and three to plug and abandon old tests were issued by the state Conservation Department this week and logs of 10 wells were filed.

George Mack of Marshall, Tex., obtained permit to drill the J. H. Covey No. 1 test, located 335.8 feet west and 165 feet north of the southeast corner of the southwest quarter of section 10-20-28 in Miller county.

W. T. Condos of Longview, Tex., obtained permit to drill the J. H. Covey No. 1 test located 495 feet north and 335.8 feet west of the southeast corner of the southwest quarter of section 10-20-28 in Miller county.

To Drill Covey No. 1.

Mike Nisser of Marshall, Tex., obtained permit to drill the J. H. Covey No. 1 test located 825 feet north and 336 feet west of the southeast corner of the southeast quarter of the northwest quarter of section 10-20-28 in Miller county.

F. W. Burford obtained permit to drill the G. G. Gerrald No. 1 test, located 660 feet west of the southeast corner and 67.36 feet north of the south line of section 15-20-28 in Miller county.

Monroe Scroggins of Texarkana, Ark., obtained permit to drill the Scroggins No. 1 test, located 264 feet north and 495 feet west of the southeast corner of the northeast quarter of the southwest quarter of section 1-20-28 in Miller county.

Tom Potter obtained permit to drill the Larry and Vance No. 2 test, located 330 feet south and 215 feet west of the northeast corner of the northwest quarte rof the southwest quarter of section 11-20-28 in Miller county.

J. R. Ostrom of Kilgore, Tex., obtained permit to drill the J. O. Gerrald No. 1 test, located 1,183 feet east and 445.8 feet south of the northwest corner of the east half of section 15-20-28, in Miller county.

Campbell and Ostrom of Kilgore, Tex., obtained permit to drill the J. O. Gerrald No. 1 test located 999.8 feet east and 445.8 feet south of the northwest corner of the east half of section 15-20-28 in Miller county.

Manning and Martin, Inc., of Tulsa, Okla., obtained permit to drill the Park-Gieseck No. 1 test, located 355 feet south and 405 feet east of the northwest corner of the northeast quarter of the northeast quarter of section 4-6N-5E in Cross county.

Edwin M. Jones obtained permits to plug and abandon two tests in Union county. He obtained permit to plug and abandon the C. H. Murphy No. 1 test, located 330 feet south and 330 feet east of the northwest corner of lot six in the northwest quarter of section 19-18-17 and the Murphy Land Company B-1 test, located 330 feet north and 330 feet east of the southwest corner of the south half of the west half of the southeast quarter of the northeast quarter of section 13-18-18.

To Abandon McClain No. 1.

James H. Coker obtained permit to plug and abandon the McClain No. 1 test located in the center of the northeast quarter of the northwest quarter of Section 15-4N-2W in Monroe county.

The Lion Oil Refining Company of El Dorado filed logs of two wells in Section 18-18-17 in Union county. They are the Edna Morgan B-2 test located 330 feet south and 330 feet west of the northeast corner of the northwest quarter of the southeast quarter of the section and the Edna Morgan A-2 test located 300 feet south and 330 feet east of the northwest corner of lot 1 in the southwest quarter of the section.

The Marine Oil Company of El Dorado filed log for the Marine Oil Company No. 1 test located 330 feet south and 330 feet east of the northwest corner of the southwest quarter of the southwest quarter of Section 17-18-17 in Union county.

The Alice Sidney Oil Company filed log of the Nancy E. Powledge No. 1 test located 330 feet north and 330 feet west of the southeast corner of the southwest quarter of the southeast quarter of Section 7-18-17 in Union county.

Edwin M. Jones filed logs of two wells in Union county. They were the C. H. Murphy No. 1 test located 330 feet south and 330 feet east of the northwest corner of lot 6 in the northwest quarter of Section 19-18-17 and the Murphy Land Company B-1 test located 330 feet north and 330 feet east of the southwest corner of the south half of the west half of the southeast quarter of the northeast quarter of Section 13-18-18.

The Standard Oil Company of Louisiana filed log of the Mrs. Sarah Harvey No. 1 test located 660 feet north and 660 feet east of the southwest corner of the southwest quarter of Section 33-16-26 in Miller county.

Reynolds & King filed log of the Fort Smith Timber and Land Company No. 1 test located 330 feet north and 300 feet east of the southwest corner of the northwest quarter of the southeast quarter of Section 27-11-17 in Ouachita county.

E. H. Moore, Inc., filed log of the Dale No. 2 test located 1,115 feet west and 31 feet north of the center of Section 24-15-26 in Miller county.

James H. Coker filed log of the McClain No. 1 test located in the center of the northeast quarter of the northwest quarter of Section 15-4N-2W in Monroe county.

Reduction in Pipe Lines Planned By Gulf Refining Company.

Special to the Gazette. 8-15-37

Shreveport, La., Aug. 14.—While discovery this week in the North Louisiana district continued at an active pace, with encouraging results reported by several tests, operators in the Lisbon field of Claiborne and Lincoln parishes faced a cut in allowables through a reduction planned in pipe line runs from the area by the Gulf Refining Company, operating the only line from the field.

The company has announced that effective August 17, runs from the field will be rduced to 10,000 barrels daily, thus reducing the areas' production about 7,000 barrels daily.

In the meantime several lines from the area have been proposed, including one by a group of independents, the Texas Company, Shell Petroleum Company, Bell General and the Standard of Louisiana, but no definite steps have been taken.

Unless some action is taken immediately, a slump in the drilling campaign in the field is expected to result. A very active development campaign is now underway in the area as the result of several recent extensions.

As the week closed, outpost wells in two directions which were testing, held main attention. One-half mile north of production, T. L. James' Baker 1, Section 25-21-5, was swabbing and flowing oil by heads at 5,222 feet. Three miles southwest of production, J. R. Bevill et al., treated their Edmonds No. 1, Section 16-20-5, with acid and was testing at 5,438 feet.

Three New Producers.

Probably the outstanding development of the week in the Shreveport territory was the addition of three producers in the Miller county (Arkansas) extension area of the Rodessa field by Freeman W. Burford, East Texas independent.

Marking the first added in the area since it was opened, the operator's Eason 2, Section 11-20-28, half mile east of the extension oiler, flowed 754 barrels in 24 hours through 54-64 inch choke at 6,115 feet. His Gerald B-1, Section 15-20-28, half mile west, was flowing 25 barrels hourly at 6,051 feet. Burford's Capps 1, Section 14-20-28, 122 barrels 60 gravity oil and estimated 40,000,000 feet gas daily through 7-16 inch choke at 6,115 feet. A short string casing was being set to cut off gas.

As the week closed Burford was testing Eason No. 1, at 6,060 feet and Leyton Oil Company was testing Terry 1, Section 14-20-28, at 6,058 feet. It is an east offset to Burford's Gerald No. 1. W. L. McClanahan's Capps 2, Section 11-20-28, was coring for the pay zone.

Led by Burford, a very active development program for the area is being predicted.

Two Reach Pay Zone.

Two more tests were due to reach the 2,950-foot Paluxy sand pay zone of the new Grogan field of DeSoto parish during the week-end, where one oiler has been completed and testing is underway at two others. One-half mile west of the discovery, W. F. Bridewell et al. were due to reach pay in their Redding No. 1, Section 35-11-11, and south of the discovery, Lyons & Neely's Barron No. 1, was scheduled to log the producing horizon.

Pullman Oil Company's Ramsey 3, Section 36-11-11, north of the discovery, and Paul Miller's Barron No. 1, offsetting the discovery to the south, continued testing.

Three miles southwest of this area, J. F. McMannan et al., have decided to carry Cook No. 1, Section 16-10-11, on to contract depth of 3,500 feet before testing three feet of oil sand logged from 3,130-3,133 feet. Total depth is 3,171 feet. A Schlumberger log showed good porosity.

Showing salt water with some gas during bailing operations after drilling out plugs to 5,380 feet, Kirk-Green-Way Inc. made further plans as the week closed to test its Whitney No. 1, Section 8-9-13, deep test on the north flank of the Converse field of Sabine parish. It was plugged back from 8,510 feet.

The shallow Blanchard field of Caddo parish definitely had a deeper pay zone this week with United Gas Public Service Company's Wheeler A-1, Section 16-18-16, gauging 2,500,000 feet gas and 50 barrels distillate daily from Glen Rose lime in which casing was perforated from 5,628-5,654 feet.

Wildcat Sets Up.

Materials were moved in this week by Tensas Delta Oil Company for a 6,500-foot wildcat in Franklin parish at Woodland No. 1, Section 22-11-9. In Claiborne parish, W. L. McClanahan was rigging up for a new wildcat at Lewis No. 1, Section 25-20-7. In Bienville parish H. L. Hunt and Seaboard spudded and was drilling below surface casing in second test on their Bear Creek block at Commercial Real Estate No. 1, Section 3-16-6.

DeSoto Oil and Gas Company's Ashley 1, Section 16-16-10, in the shallow Lake Bistineau area of Bienville parish, where a gas distillate producer was recently completed from the 5,200-foot level, was testing at total depth of 6,625 feet.

Near Pelican, DeSoto parish, Superior Oil Company of Oklahoma was arranging to abandon its Joyner 1, Section 28-11-12, after it failed to show when tested from 2,855-2,900 feet after being plugged back from total depth of 5,614 feet.

In southern Caddo parish, Prairie River Syndicate's Hutchinson No. 1, Section 15-15-12, was drilling ahead below 8,365 feet. In Red River parish, W. J. Hunter et al.'s Long-Bell 2, Section 20-13-9, Glen Rose lime test was at 1,300 feet, with show reported around 1,180 feet in the Nacatosh.

Progress Made in Drilling In Nevada County.

Special to the Gazette.

Prescott, Aug. 14.—With the washing in of its Fincher 1-A, in Section 10-14-20, Thursday, Benedum & Trees Oil Company renewed operations in the new Nevada county oil field and it was announced that three rigs will be kept busy in the field indefinitely.

The new well, which will be placed on the pump next week, is located in the southwest corner of the northwest quarter of the northeast quarter of Section 10, and is a north offset to the Fincher No. 1, 330 feet north, and is pronounced good for 450 barrels of oil a day from the Tokio sand at a depth of 2,200 feet.

The same company has announced location for another test as a west offset of the Fincher well in the southeast corner of the northeast quarter of the northwest quarter of Section 10-14-20, and will be on the Groves Land and Timber Company tract.

Benedum & Trees Oil Company's big gasser brought in at the 1,200-foot depth several months ago from the Nacatosh sand has turned into an oil well and is producing a small quantity of oil from the Nacatosh. Derrick has been erected and it is said this test will be drilled to the Woodbine or Tokio sand at 2,200 feet soon.

A large crew is leveling ground for the erection of a battery of steel storage tanks near the new producer, the Fincher 1-A, and other wells in that vicinity.

In the wildcat territory derrick is up on the B. W. Fuller tract, in the northeast quarter of the southeast quarter of Section 6-13-21, a short distance from the old Mount Moriah, the county's first seat of government, and machinery is being hauled in. Drilling operations must begin by midnight tomorrow. J. B. Yates blocked the acreage for this test, and operations are being backed by Dr. L. J. Fincher and associates of El Dorado.

Review of Arkansas Oil Fields

Crews in for Busy Week in Shuler Field

Democrat 8-15-37

At Least Two Producers Due; Lion Going After Deep Strata.

El Dorado—Expected early completion of two more producers, an excellent sand in another test, and awaiting of testing on several other wells, held the interest of members of the El Dorado oil fraternity at the close of another week of development in the Shuler deep sand field.

Both of the wells nearing the completion stage are by the Phillips Petroleum Company which this week obtained its first producer.

One of these is the Marcuss Justiss No. 1, in section 18-18-17. Tubing was being run in the hole and then the crew was expected to start washing-in operations. If the well fails to flow after this it is likely that swabbing will be started.

The other test is the Louis Rosen. in section 18-18-17, in which tubing also is being run. Casing in this test was perforated, from 5,593 to 5,597 feet.

The latest producer in the field was the Marks No. 1 of the Phillips Company, in section 18-18-17, which made 432 barrels in 13 hours, after showing much drilling water and a small amount of oil during the early hours after completion.

The latest showing of interest was the hitting of a good sand in the Marine Oil Company well of Jones, Hurley and Murphy, in section 17-18-17, east of production. Reports from the field stated 13 feet of good sand had been encountered and that plans were made for a drill stem test.

The Lion Oil Refining Company will start testing Monday on the Justiss A-1, in section 19-18-17, with perforation of casing. Completion of the well probably will be Tuesday or Wednesday.

Another first-of-the-week test will be the Morgan No. 2 of the Alice Sidney Oil Company, in section 18-18-17, which will be perforated at three depths for new tests after a showing of water in the first test.

Of interest also was the report that the Lion Oil Refining Company is rigging up for deepening of the discovery well, Morgan A-1, in section 18-18-17, to the Big Lime formation, around 7,300 feet. Rumors continue of additional tests that will be taken down below 7,000 feet but as yet no official announcement has been made.

Field Report.

Saturday's report on operations in the field follows:

Lion Morgan G-2, SE 18-18-17, producing 1,631 barrels oil and 2,000,000 cubic feet gas daily on 14-64 inch choke.

Lion, Morgan A-2, Lot 1, SW 18-18 17, producing 1,205 barrels oil and 4,000,000 cubic feet gas daily on 25-64-inch choke.

Lion, Morgan A-3, lot 1 SW 18-18-17, producing 1,215 barrels daily through 1-2 inch choke.

Lion, Justiss A-1, NE 19-18-17, good showing in drill stem test at 5,660 to 5,675 feet; good showing in drill stem test at 5,764 feet; good showing in drill stem test at 5,848 to 5,858; set casing at 6,012 feet; to perforate Monday.

Alice Sidney D. S. and J. C. Morgan No. 2, SE 18-18-17, good showing in drill stem test at 5,560 to 5,575 feet; casing set at 6,300 feet; perforating at 5,690, 5,780 and 5,880 feet.

Phillips, Marcus Justiss No. 1, Lot 2, SW 18-18-17, perforated at 5,596-5,818-22 to test again for 5,812-18; running tubing.

Phillips, T. P. Marks No. 1, Lot 2, SW 18-181-7, perforated at 5,796-99 feet; 432 barrels first 13 hours.

Phillips, Ed Gann No. 1, NE 18-18-17, shutdown at 6,062 feet.

Phillips, Louis Rosen No. 1, NE 18-18-17, coring perforated at 5,593-97; running tubing.

Jones et al., Murphy Land Company A-1, NE 19-18-17, slight show of oil in core at 5,910 to 5,927; core taken from 6,191 to 6,197; four feet hard sand, odor of gas; gray sandy shale; casing set at 6,350; completed for producer of 687 barrels in 14 hours on 3-8 inch choke.

Jones et al., C. R. Murphy No. 1, Lot 6, NW 19-18-17, abandoned at 5,975 feet.

Jones et al., Murphy Land Company B-1, NE 13-18-18, pin point oil showing in core at 5,961 to 5,974; abandoned at 5,987.

Jones et al., Marine Oil Co. No. 1, SE 17-18-17, showing of oil and gas in cores from 5,582 to 5,636 feet; good oil showing in drill stem test at 5,751 feet; drilling at 5,962.

Jones et al., Katherine Gallagher No. 1, Lot 4, NW 19-18-17, abandoned at 5,878 feet.

Marine, Fee No. 1, SW 17-18-17, production of Fee No. 1 and Jones No. 1, 617 barrels daily.

Marine Oil Company, E. M. Jones No. 1, SW 17-18-17, production of Jones No. 1 and Fee No. 1, 617 barrels daily.

Z. T. Spuiell, Justiss No. 1, SE 7-18-17, permit issued.

Lion, Morgan B-1, SE 18-18-17, producing 932 barrels oil and 750,000 cubic feet gas, daily, on half-inch choke at 5,548-5,599 feet.

Alice Sidney, D. S. and J. C. Morgan No. 1, SE 18-18-17, producing 335 barrels on 27-64 inch choke.

Lion, Morgan A-1, center lot SW 18-18-17, reported rigging up for deepening to Big Lime.

Marine, Justiss No. 1, Lot 7 NW 18-18-17, producing 508 barrels oil and 1,000,000 cubic feet gas at 5,605 feet, through 27-64 inch choke, on tubing.

Test of Carlisle Well Due Monday

8-15-37 Dem.

Carlisle—Preparations for bringing in the Silver-Chambers oil test near Carlisle will start Monday morning, according to the operator, Frank F. Silver. At that time the cement plug will be drilled and the well will be washed before bailing operations are started.

Owing to the fact that only one crew will be used, Mr. Silver doubts if the well will be ready to bring in before late Monday evening or Tuesday morning.

This well is an interesting wildcat in the eyes of oil men, because the strong showing in the well, where the oil and gas sand was topped at 1,490 feet, was found in the Pennsylvania formation. Oil has never been found in this formation to date in Arkansas and if found in commercial quantities will open a new territory east of Little Rock of parafin base oil production, similar to that produced in Oklahoma and Kansas.

Miller Field Developments In Foreground

Area Shows Promise; Lisbon Continues Most Active Sector.

Dem. 8-15-37

Shreveport, La.—Rodessa's position as a three-state field was strengthened this week when two more wells were completed in the recently-opened Miller county, Arkansas, extension and four others in that offshoot gave promise of productivity from the Gloyd horizon now estimated to be close to 100 feet thick, carrying various saturated spots in that nose of the structure.

However, Rodessa's hopes of early deeper production received another jolt when R. W. Norton's No. 1 Payne, section 27-23N-16W, Caddo parish, La., the deepest test ever drilled in this territory, abandoned testing of strata below present Rodessa producing zones and plugged back for completion in the regular Hill gas horizon of the field. The latest test of deeper horizons was at 8,620-50 feet, where a salt water flow resulted after casing was perforated. The well had gone 16 feet into Permain salt to total depth of 11,486 feet.

Both of the Miller county, Ark., extension's new wells were completed by Freeman W. Burford of Dallas, Texas, who also plans to drill a Rodessa horizon test northeast of Rodessa in section 11-20-27, Miller county. Burford has about 2,500 acres of leases along the Arkansas-Louisiana line in the general Rodessa area.

Good Well Completed.

One of the best wells yet completed on the Texas side of Rodessa was that added this week by United Production Corporation in No. 1 Hutchinson, A. de Los Santos Coy survey, near Lodi, Marion county, that extended that nose of the field a quarter mile west. This well gauged 551 barrels in 24 hours through half-inch choke and showed an oil-gas ratio of 1,788 to 1. However, a north edge test in that area, Arkansas-Louisiana Gas Company's No. 1 Fant, L. P. Cadenhead survey, swabbed dry at 6,178 feet and will be deepened. During testing it showed a hole full of salt water and then a hole full of oil, before swabbing dry.

Burford's No. 1 Capps, section 14-20-28, Miller county, Ark., showed 120 barrels of distillate in 24 hours at 6,075 feet, but his No. 2 Eason, section 11-20-28, produced 755 barrels in 24 hours through choke at total depth of 6,115 feet. He was retesting No. B-1 Gerrald, section 15-20-28, after acidizing.

Despite fear of a reduced pipeline outlet from Lisbon, 20 new locations were announced in that north Louisiana field this week. A spur to new drilling was the showing in basal Glen Rose of saturation, three miles southwest of production, in J. R. Bevill et al.'s No. 1 Alex Edmonds, section 16-20N-5W, that was being acidized after plugs were drilled in casing. Total depth is 5,413 feet, with 15 feet of saturation reported. This well is about midway between Sugar Creek and Lisbon and some geologists believe it is a north nose of Sugar Creek, as it checked only 39 feet low on anhydrite markers in that field, as compared to a low of 247 feet on the same markers at Lisbon. However, it has increased activity on the south side of Lisbon.

Hold Plan in Abeyance.

Gulf Pipeline Company has decided to hold in abeyance for 60 days its announced plan to cut Lisbon runs to 10,000 barrels daily, it having the only pipeline in the field. This was to have been effective August 17 and independents in the field have conferred over plans to get another line to the field, which has 65 producing wells.

One-half mile north of Lisbon production, T. L. James and Company were acidizing their recently-abandoned No. 1 Baker, section 25-21N-4W, after plugging back to 5,222 feet, and the well was showing some oil. Six miles north of Lisbon, A. M. Neely has been leasing in Township 22 North, Range 5 West, Claiborne parish. Burks White et al. made location for No. 1 J. T. Louis, section 25-20N-7W, a 5,500-foot wildcat for Claiborne parish.

The Schuler field, Union county, Arkansas, where two tests have been abandoned recently, added its ninth producing well last week when Lion Oil Refining Company's No. 3 Edna Morgan, section 18-18-17, was completed at 5,806 feet, flowing 1,255 barrels in 24 hours.

The tests at Schuler abandoned were Edwin M. Jones No. 1 C. H. Murphy, section 19-18-17, at 5,980 feet and No. B-1 Murphy Land Co., section 13-18-18, abandoned at 5,987 feet.

J. H. Coker has abandoned a wildcat in Monroe county, Ark., No. 1 McClane, section 15-4N-2W, dry, at 2,527 feet.

Manning and Martin, Inc., of Tulsa, Okla., have made location and are moving in materials for a wildcat test in northeast Arkansas, No. 1 Parkgieseck, section 4-6N-5.

J. R. Tolbert of Texas is reported planning to start by September 15 on a 6,300-foot test in section 14-17-20, Columbia county, Ark., and H. M. Bryant of Fort Worth is expected to start soon on a test on his block in township 15, range 19, Ouachita county. Ohio Oil Company is filling in its block in Lafayette county in township 16, range 24.

OIL NEWS

Five More Producers In Shuler Area

Aug 22 1937

Special to the Gazette. 8-22-37

El Dorado, Aug. 21.—Five completions this week brought the number of producers completed in the new Shuler deep sand area of Union county west of El Dorado to 14. Production from the field now is about 9,900 barrels per day.

Two of the complete wells are of the Phillips Petroleum Company, one of the Lion Company, one of the Alice Sidney Company and one by Jones, Murphy & Hurley.

Two of the completions are not now producing, the discovery well of the Lion company having been killed for deepening to the big lime formation and a well of the Marine company has been closed in while pumping rig is being installed.

The latest completion in the field is the D. S. and J. C. Morgan No. 2 test of the Alice Sidney Oil Company which was completed Thursday for a producer of 60 barrels per hour. The test is located in the southeast corner of the northeast quarter of the southeast quarter of Section 18-18-17. Casing was set at a total depth of 6,300 feet and pipe perforated at 5,690, 5,780 and 5,880 feet. Tubing was run into the hole Wednesday and washing with oil started Thursday. The well began flowing without being swabbed and its production was gauged at about 60 barrels of oil per hour with no showing of water.

Two Locations.

The company has staked two more locations on the same 40-acre tract, in the southwest and northeast corners of the "40" but no announcement has been made about new tests to be started. The company abandoned its Powledge No. 1 test in the southeast corner of the southwest quarter of the southeast quarter of Section 7-18-17 at 6,005 feet after no showing was made. The rig has not been moved from the well and it is possible that the well may be deepened to the big lime formation if other tests being deepened to the formation encounter production.

Another big completion this week was the Justiss A-1, test of the Lion Oil Refining Company, the sixth completion for Lion in the area. The well is located in the northeast corner of the northwest quarter of the northeast quarter of Section 19-18-17, a west offset to the Murphy Land Company A-1 test of Jones, Murphy & Hurley which was completed for a producer earlier in the week. The Justiss test was completed at a depth of 6,012 feet. The well is flowing at a rate of about 40 to 50 barrels per hour with no showing of salt water.

The two other completions this week were by the Phillips Petroleum Company in Section 18-18-17. The wells were the Marcus Justiss No. 1, a west offset to the Justiss No. 1 producer of the Marine company, in the southeast corner of Lot 6 in the northwest quarter of Section 18-18-17, and the T. P. Marks No. 1 test, a west off-set to the Morgan A-2 of the Lion company, in the northeast corner of Lot 2 in the southwest quarter of Section 18-18-17.

Second Completion.

The completion of the Justiss well was the second time that the well has been completed. Last week it was compelted from a depth of 5,812 to 5,822 feet but a showing of salt water was obtained. Casing was plugged and pipe reperforated from 5,812 to 5,818 feet and the well was swabbed in for a producer of 40 barrels an hour.

The Marks test was completed about the middle of this week for a producer of 930 barrels per day through a 26-64 inch choke on the tubing.

The Marine Oil Company this week was making plans to install pumping equipment on its E. M. Jones No. 1 test in the southwest corner of the northwest quarter of the southwest quarter of Section 17-18-17 which from time to time has failed to flow. Production of the well was about 400 barrels per day until it stopped flowing. It is expected that its production will be about that amount on the beam.

The Lion Oil Refining Company this week completed rigging up for deepening of its discovery Morgan A-1 well in the center of the southwest quarter of Section 18-18-17 which will be taken to the Permian lime formation. The test was completed as a producer from a depth of 5,556 to 5,559 feet but stopped producing and operators decided to make a dep test of the well. It is expected that it will be about two weeks before the test nears the lime formation.

Southern Kraft Test.

Another test in Union county which is attracting interest is the Southern Kraft Corporation No. 1 test of the W. D. Wingfield and associates northeast of El Dorado in Union county which is at 3,850 feet. The test, which is located in Section 18-16-14, is coring in the Travis peak. Operators reported a gas formation when the Marine section of the formation was pentrated. Operators are coring cautiously as the formation is the same from which production is being obtained in the Shuler area. If production is not obtained from the Travis peak formation it is expected that operators will drill to the big lime formation.

The fifth producer in the Miller county Rodessa field was completed this week when the Terry Estate No. 1 test of William Monroe Layton was brought in for a producer of about 60 barrels per hour on a half-inch choke. The test is located in the northwest corner of Section 14-20-28, about half a mile south of the McClannahan-Capps discovery well.

W. L. McClannahan is expected to complete his Capps No. 2 test in Section 11-20-28 this week-end. Casing has been set in the well at 6,061 feet. F. W. Burford, who last week completed three wells in the Miller area, this week is coring ahead at 6,085 feet on his Capps No. 1 test in Section 12-20-28.

Seven permits to drill, one to deepen and two to plug and abandon were issued this week by the Arkansas state Board of Conservation and three logs of wells were filed.

W. F. Burford obtained permit to drill the A. A. Capps B-1 test, located 670 feet north and 660 feet west of the southeast corner of Section 11-20-28 in Miller county.

The Hunt Oil Company of Tyler, Tex., obtained permit to drill the Mabel Ann Wommack No. 1 test, located 330 feet north and 330 feet west of the southeast corner of the southeast quarter of Section 10-20-28 in Miller county.

H. T. Beckwith of Murfreesboro obtained permit to drill the W. Hendricks No. 1 test, located 175 feet south and 200 feet west of the northeast corner of the northeast quarter of the southwest quarter of Section 16-8-25 in Pike county.

To Drill Eason No. 3.

F. W. Burford obtained permit to drill the J. E. Eason No. 3 test, located 660 feet south and 660 feet west of the northeast corner of the southeast quarter of Section 11-20-28 in Miller county.

The East Texas Refining Company of Dallas, Tex., obtained permit to drill the A. A. Capps A-1 test, located 658 feet north and 668 feet west of the southeast corner of Section 14-20-28 in Miller county.

The Ozark National Gas Company of Fort Smith obtained permit to drill the G. A. Baker No. 1 test, located 400 feet west and 660 feet south of the northeast corner of the southwest quarter of the northwest quarter of Section 33-10N-26W in Franklin county.

The Ozark Natural Gas Company also obtained permit to drill the L. C. Weller No. 1 test, located 820 feet north and 416 feet east of the southwest corner of the northwest quarter of Section 18-8N-28W in Franklin county.

The Lion Oil Refining Company and the Phillips Petroleum Company obtained permit to deepen the Edna Morgan A-1 test, located in the center of Lot 1 in the southwest quarter of Section 18-18-17 in Union county.

Manning & Martin, Inc., obtained permit to plug and abandon the Gregg No. 1 test, located 1,650 feet south and 990 feet west of the northwest corner of Section 20-5N-5E in St. Francis county.

Edwin M. Jones obtained permit to plug and abandon the Gallagher No. 1 test, located 330 feet south and 330 feet west of the northeast corner of Lot 4 in the northwest quarter of Section 19-18-17 in Union county.

The Marine Oil Company filed log of the E. M. Jones No. 1 test, located 330 feet east and 300 feet north of the southwest corner of the northwest quarter of the southwest quarter of Section 17-18-17 in Union county.

Edwin M. Jones filed log of the Gallagher No. 1 test, located 330 feet south and 330 feet west of the northeast corner of Lot 4 in the northwest quarter of Section 19-18-17 in Union county.

Second Outlet For Crude Oil Planned For Lisbon Field.

Special to the Gazette. 8-22-37

Shreveport, La., Aug. 21.—There were a score of wildcat tests and outpost operations in several north Louisiana and Arkansas districts claiming attention as the week closed as they reached crucial stages.

From the standpoint of actual developments, probably the most important happening was the announcement by the Caddo Pipe Line Corporation, subsidiary of the Grogan Oil Company of plans for construction of a line to provide a second outlet for crude from the Lisbon field of Claiborne and Lincoln parishes.

Six producing wells have been completed in the area to date with daily average yield last week totaling 2,191 barrels, and three other operations reached the pay this week and cemented casing. There were 20 active operations as the week closed with two of those wells waiting on cement due to furnish nice extensions to the producing limits.

Extension Watched.

A one-mile southwest extension of the Lower Marine gas distillate pay zone in the Cotton Valley field of Webster parish is watched at Standard of Louisiana and A. G. Oliphant's Stewart No. 1, Section 32-21-10, which set casing for production test. Total depth is 8,700 feet.

Failing to find production in the Travis peak zone, the Lincoln parish wildcat of David Lide and George Greer at Causey No. 1, Section 32-19-2, was plugged back from 5,822 feet to complete from a good show of gas and distillate in the Glen Rose from the 5,300-foot level. It will open a new producing area.

In Bienville parish, first failure for the Driscoll gas distillate was recorded this week at Lide, Greer, Marr and Brown's Davis 2, Section 18-16-5, half mile north of the area's three producers, with operators abandoning at 7,355 feet in the Travis peak.

Temporary Setback.

One location northwest of the discovery oiler of the new Grogan Paluxy sand field of DeSoto parish, given a temporary setback earlier this week with the testing of salt water in two wells from the 2,950-foot level, one of them a half mile west of production, Pullman Oil Company, discovery operators, staked Ramsey 4, SE NW Section 36-11-11.

On the north flank of the shallow Converse field of Sabine parish, Kirk-Greenway, Inc. Whitney No. 1, Section 8-19-13, was plugged back to casing seat at 5,240 feet and will perforate casing at the 4,400-foot level for another test. On previous test at 5,380 feet, the well bailed salt water with show of gas.

Attracting attention in the Lisbon district was J. R. Bevill et al.'s Edmonds No. 1, Section 16-20-5, three miles southwest of Lisbon production and the same distance from the Sugar Creek field, which continued testing. As the week closed, operators were treating well again with acid. Bottomed at 5,438 feet, the well has flowed during several periods since testing was begun about a week ago, making fair amount of oil. Some operators believe the well on the Sugar Creek structure.

Reassemble Block.

In townships 22 and 23, ranges 4 and 5, Claiborne parish, where it drilled a shallow failure several years ago, Gulf Refining Company has started reassembling a block.

In Franklin parish, Tensas Delta Oil Company is rigging up for a new deep test at Woodland No. 1, Section 22-11-9. In Claiborne parish, W. L. McClanahan was rigging up for a new test at Lewis No. 1, Section 25-20-7, planned as a 5,000-foot operation.

Two operations of United Gas Public Service Company in the Sligo field of Bossier parish were coring for the recently opened oil zone, from which a half dozen wells have been completed. The company's Murff A-2, Section 19-17-11, was at 5,047 feet and the Murff B-1, Section 17-17-11, was at 5,112 feet.

In Caddo parish, Prairie River Syndicate's Hutchinson 1, Section 15-15-12, was drilling ahead below 8,380 feet in the Lower Marine. In Red River parish, W. J. Hunter's Long-Bell 2, Section 20-13-9, was drilling below 1,895 feet.

Miller County Holds Interest Of Oil Drillers

Five New Producers Brought In During Past Week.

Democrat 8-29-37

Shreveport, La.—Addition of five new oil producers in the recently opened Miller county (Arkansas) extension of the Rodessa field, bringing the total in that area to 10, featured oil development in this territory last week. Heavy rains with resultant rise of streams and bad roads hampered activity in several districts.

The two Marion county (Texas) offshoots of Rodessa, at Jefferson and at Lodi, also came in for their share of attention as one well was completed at Lodi, another tested salt water with some oil, and an offset to the Jefferson producer of Holcomb and Thomasson, at No. 1 Lizzie Henderson, R. Bennington survey, cored into the gas distillate horizon.

This offset well is Gulf Oil Corporation's No. 1 Henderson, R. Bennington survey, which in a 16-foot core from 6,014 to 6,034 feet logged 10 feet of gas-distillate saturation in the Henderson producing zone and was coring ahead for the Gloyd. Hopes are held for this well to make a good oil producer as it checked slightly lower than the Holcomb Thomasson well that was converted with considerable trouble from a gas-distillate to an oil well.

Lodi Area Extended.

The Lodi area was extended one-half mile east toward the main part of Rodessa, eight miles distant, by Arkansas-Louisiana Gas Company's No. 1 Emma Ford, A. de los Santos Coy survey, completed at total depth of 6,097 feet, flowing 24 barrels of oil per hour through half-inch tubing choke. With an elevation of 289 feet this well topped the Henderson sand at 6,035 feet and logged that formation to 6,053 feet, where it logged the Gloyd.

However, disappointment was experienced during the week in the same company's No. 1 Fant, L. P. Cadenhead survey, north of Lodi production, which after showing some oil with water from plugged-back depth of 6,183 feet, was again plugged back and was being tested a few feet higher up.

The three states in which are situated the Rodessa oil field are neck and neck in active operations at present, the Texas side having 26, the Louisiana side 27 and the next Arkansas extension 21.

The northern end of the Louisiana part of Rodessa was extended east in two separate points during the week. Standard Oil Company of Louisiana extended the north offshoot east by two good producers, Nos. 1 and 2, J. E. McCoy, sw nw Section 10-23n-16w, flowing 50 and 48 barrels per hour through half-inch tubing choke, respectively, from depths of 5,974 and 5,899 feet. No. 1 logged saturated Mitchell sand from 5,918 to 5,931 feet and No. 2 topped the Gloyd at 5,859 feet.

Rodessa Holds Interest.

Roberts Brothers' No. 1 E. G. Finley, nw nw Section 1-23n-16w, located 370 feet south of the Arkansas state line, and between the new Arkansas extension and the Rodessa field proper, was being acidized at total depth of 6,050 feet after flowing 160 barrels by heads in 24 hours. This test logged two feet of fairly porous lime with a fair showing of oil from 6,015 to 6,018 feet.

Although the Texas side of Rodessa had its allowable for September cut from 37,718 barrels to 32,617 barrels, the Louisiana Conservation Commission left the allowable on the Louisiana side unchanged for September at 50,000 barrels, giving the field an augmented daily field allowable of 66,000 barrels, allocated 50-50 to acreage and bottom hole pressures. There is no pro-ration in Arkansas.

Three miles east of Miller county (Arkansas) production Freeman W. Burford of Dallas, Tex., continued rigging up at No. 1 Garver-Means, sw nw Section 11-20-27, and made a new location for No. 1 August, Section 8-20-27, between this outpost and the Miller producing area.

Standard Oil Company of Louisiana's No. 1 E. L. Stewart, SE SE, section 32-21n-10w, Webster parish, one and one-half miles southwest of the nearest of Cotton Valley's 15 lower-Marine gas distillate producers, proved disappointing when swabbed last week at total depth of 8,700 feet. After swabbing for three days without result, the casing was reperforated and swabbing resumed without any showings. The well had been disappointing in that it had not shown for an oil producer, being well down the flank of the structure, but it had been anticipated as a gas-distillate producer. Should it be a failure it will give a black eye to deeper possibilities on this flank of the field.

Five Cotton Valley Tests.

Stanolind Oil & Gas Company, who plan five tests to the lower Marine 8,000-foot horizon, have contracted to buy 720 acres of land at Cotton Valley in sections 24, 25, 35 and 36-21n-10w, from Pardee Lumber Company, for a cash consideration of $90,000 and an equal amount from production.

State Conservation Commissioner William G. Rankin continued Cotton Valley's gas allowable for September at 35,000,000 cubic feet daily divided among the 15 wells of the field on an acreage and bottom hole pressure basis, all bottom hole pressures being given at 3,800 pounds. An 80-acre space rule continues in effect.

Lisbon was the only field in north Louisiana to receive an increase in its oil allowable for September over August, the allowable for the field being hiked 750 barrels to 12,750 barrels, based on 83 wells for September. The field had been given an allowable on the basis of 60 wells for August. Total production from Lisbon to August 11 was 1,086,000 barrels. On July 11 the per well average was 248 barrels and on August 11 it was 184 barrels.

Although it had as much saturation as any of the wells in that trend of the field, Gulf Refining Company's No. 1 S. E. Tatum, SW SW, section 32-21n-4w, east edge well at Lisbon refused to flow consistently after repeated swabbing and will be standardized. Saturation was logged from 5,283 feet to 5,295 feet, with elevation of 306 feet. No water appeared.

More Tests in Schuler.

With drilling activity at Schuler confined to tests seeking deeper producing possibilities in the big lime, chief interest in oil activity in Arkansas last week continued to center on the Miller county extension of Rodessa, where in addition to five new wells, eight new locations were announced.

Standard Oil Company of Louisiana's No. 1 McKean, section 8-16-21, Columbia county, was coring ahead below 4,825 feet, and in Ouachita county, southwest of Camden, Tidewater-Associated Oil Company and Seaboard Oil Corporation's No. 1 Sarah Graves, section 33-13-18, was drilling below 4,285 feet after logging base of big lime at 4,030 feet; elevation is 189 feet.

Atlantic Refining Company has bought a 240-acre lease recently in J. R. Tolbert's block around section 14-17-20, Columbia county, where the latter plans a 6,300-foot test soon.

What may prove to be a departure from practices in flush fields hitherto held down by pro-ration laws is the introduction of air compressors into the new Miller county extension wells in Arkansas, which has so far put no curb on production, since it has been behind other oil states during the peak of production of the last few years.

An air compressor tried out on a Miller county extension well recently showed that it was capable of producing as much as 125 barrels per hour in that manner.

El Dorado Oil Men Watching Shuler Field

Two Deep Tests Going Down in Union County.

El Dorado—Interest among members of the El Dorado oil fraternity centers in two deep tests that are being drilled in the Shuler field to the southwest of El Dorado and a wildcat deep test to the northeast in the Calion territory.

Both of the Shuler wells and the wildcat are being drilled in search of the Big Lime formation expected to be encountered below 7,000 feet in the Shuler area and slightly below 5,200 feet in the Calion area.

Chief interest at the moment is attached to the Marine Oil Company No. 1 of Jones, Murphy and Hurley in section 17-18-17. The well is now drilling below 7,000 feet and is likely to be the first to reach the depth at which the lime formation is expected to be found.

A core was taken in the well from a depth of 7,059 feet to the 7,072 feet with sand and shale and a slight showing of oil in the top part of the core. The bottom six feet were red shale. Drilling operations were resumed following the taking of the core.

Lion Oil Is Drilling.

The other Shuler well being closely watched is the Morgan A-1 well of the Lion Oil Refining Company in the center of lot one in the southwest quarter of section 18-16-17. A good oil showing was obtained but no tests made. The showing was reported from a depth of 5,798 feet about the same depth from which production is being obtained in other Lion wells in that vicinity. The Morgan A-1 was the discovery well in the Shuler field and produced until recently when it was decided to install a big rig and drill deeper.

The Lion Oil Company is reported planning to continue with drilling operations in search of production in the Big Lime formation.

The Calion wildcat is the Southern Kraft Corporation No. 1 of W. D. Eingfield and Associates in section 18-16-14. Drilling is now in progress at a depth of 4,850 feet and the operators expect to hit the lime formation around 5,210 feet. The well is reported to be checking favorably with other tests. The well is located between the old Rainbow City field and the big Smackover field and if production is found a large territory will be opened for development.

Miller Oil Wells Heavy Producers

Shreveport, La.—The daily average oil production for the recently opened Miller county (Ark.) extension of the Rodessa oil field reached 2,508 barrels from seven oil wells last week, while the daily average for the field, which includes portions of three states, was 92,564 barrels.

The Louisiana side of the field had an average of 51,124 barrels daily from 402 wells, and the Texas side, 38,932 barrels from 335 wells. The per well average for Arkansas wells was highest with 338 barrels as compared to 116 for Texas well and 127 barrels for Louisiana wells.

Daily average pipe line runs last week by companies follow:

Arkansas-Louisiana	3,010
Gulf	9,590
Louisiana-Texas	2,150
Magnolia	29,029
Standard of Louisiana	26,239
Texas	6,090
United	22,239
Total pipe line runs	98,347

Total daily average distribution for the field was 100,384 barrels and total daily average production was 92,564 barrels. Total daily average runs from storage were 7,820 barrels.

Review of Arkansas Oil Fields

Cotton Valley Field Widened By Deep Well

Miller Field, With Three Wells, Most Active in Arkansas.

Democrat 9-5-37

Shreveport, La.—Extension of the lower Marine gas-distillate producing horizon of the Cotton Valley field, Webster parish, one and one-half miles southwest of the nearest of 15 other 8,000-foot producers, and completion of a second oil well in the Jefferson offshoot of the Rodessa field in Marion county, Tex., featured development the past week in the Shreveport territory.

The Cotton Valley extension was completed by Standard Oil Company of Louisiana and A. G. Oliphant in No. 1 E. L. Stewart, section 32-21n-10w, which was making 400 barrels of distillate daily and 5,000,000 feet of gas. Total depth is 8,700 feet with final casing cemented at 8,681 feet, this being perforated for the third time before successful completion of the well.

A Caddo parish wildcat, 20 miles south of Shreveport, Prairie River Syndicate and Blackwell Oil and Gas Company's No. 1 Hutchinson, section 15-15n-12w, which has logged in two phases of the lower Marine a total of 80 feet of formation, showing gas and distillate as well as oil odors shower good porosity and resistivity when an electrical logging device was run from 8,380, top of the lower Marine to 8,790 feet, but the test was drilling and coring below 8,800 feet.

The Jefferson area of Marion County, Tex., came very much into the limelight when Gulf Oil Corporation's Lizzie Henderson 1, R. Bennington survey, was completed from the Gloyd formation (second producing horizon at Rodessa) flowing 75 barrels per hour. The gas-oil ratio was 580 to 1. This well is 1,500 feet west of Holcomb and Thomasson's No. 1 Lizzie Henderson, same survey, which was completed as as the discovery well of this offshoot but had trouble in making it an oil well and not a gas-distillate well. The Gulf's well proves that the Gloyd is the oil-producing horizon below the Henderson gas-distillate sand, but they lie very close together.

Holcomb and Thomasson's No. A-1 Henderson, 1,700 feet northwest of their discovery well, also has logged saturation in the Henderson and Gloyd formations and is setting casing.

Gulf Pipeline Company is expected to lay a pipeline to the Jefferson and Lodi areas in Marion county immediately. This will give pipeline outlets to wells heretofore without any.

Sale was closed during the past week by Pardee Lumber Company to Stanolind Oil and Gas Company for 720 acres in sections 24 and 25, 35-21n-10w, and 2-20n-10w, for a cash consideration of $90,000 and an equal amount from one-eighth of production, with the proviso that Stanolind start an 8,000-foot test to the lower Marine within 90 days of September 1 and if completed as a commercial well to follow with four addition wells. Stanolind which recently completed leasing of 10,200 acres in Caddo parish around the old Pine Island field in townships 20 and 21 north, range 15 and 16 west, for a deep test, will not drill this test before 1938.

O. G. Collins, Shreveport lease broker, and others have been busy to the southeast of Cotton Valley in the last fortnight getting leases as a sequel to A. G. Oliphant's No. 1 Sam Banks, section 34-21n-10w, checking high on top of the anhydrite. Magnolia Petroleum Company and Mid-Continent Petroleum Company have been taking considerable acreage in Jackson parish in a block around section 31-15n-3w, recently relinquished by Seaboard Oil Corporation. Skelly Oil Company has been leasing in the south end of the old Bull Bayou field, Red River parish, and Tidewater Associated Oil Company has been leasing in De Sota parish west of the old Naborton field. Earl F. Fox has assembled a 4,000-acre block north of a small gas well he completed several months ago in section 13-9n-12w, Sabine parish.

Joe Modisett, Shreveport and El Dorado, Ark., operator is ready to make location in section 13 or 14-21n-1e, Union parish, for a 7,000-foot test on a block which has been extensively shot in recent months.

The Miller county, Arkansas, extension of Rodessa, which added three new wells this week, has 21 active operations under way, including two tests several miles east of the producing area, both operations of Freeman W. Burford. His No. 1 August, section 20-27, is drilling below 3,000 feet and No. 1 Garver Means, section 11-20-27, is below 1,600 feet. Magnolia Petroleum Company, which has considerable acreage along the Louisiana-Arkansas line in that area, has tentative location in section 7-29-27. Ed Hardin, Shreveport insurance man, leased 100 acres in section 5-20-27.

Arthur Eyvasion of Tulsa, Oklahoma, will supervise construction of East Texas Refining Company's casinghead plant, to be built in the Miller county, Ark., extension of Rodessa. He is a consulting engineer who has done considerable work of this kind for Skelly Oil Company.

Tidewater Associated Oil Company this week abandoned at 4,510 feet its wildcat test in section 33-15-18, Ouachita county, Arkansas, and is moving the rig to a new geophysical location in Columbia county for a proposed 7,000-feet test. The new location is No. 1 Crumpton, section 24-17-19.

Aside from the Miller county extension of Rodessa, Arkansas had a comparatively quiet week. Two tests being deepened to the Big Line in the lenticular Schuler field were the only active operations in that district. Lion Oil Refining Company's No. A-1 Morgan, section 18-18-17, is drilling below 6,050 feet and Edwin M. Jones' No. 1 Marine, section 17-18-17, is drilling below 7,350 feet.

Phillips Petroleum Company's No. 1 Stillions Lumber Company, section 18-17-9, on a geophysical prospect in Ashley county, is drilling below 5,600 feet in lime. Standard of Louisiana's No. 1 McKean, section 8-16-22, Columbia county, is drilling red shale below 5,355 feet.

Reported Interest Sold In Carlisle Oil Test

Carlisle—A group of independent oil men from Iowa is reported to have purchased from Frank F. Silver a substantial interest in the Silver-Chambers oil test wells and drilling block located near Carlisle, Mr. Silver still retaining full control.

Work of erecting a new steel derrick on well No. 1, to replace the one razed by the wind some time ago, is completed and rigging up is under way on this same No. 1 well.

It was in this well that salt water was encountered in a lower sand, which is 130 feet below the oil sand found in the new, or No. 2, well. This salt water came up to the higher sand and then across into No. 2, causing operations to cease until this salt water is cased and cemented off, after which casing will be perforated at the upper level.

Sands have been logged in both No. 1 and No. 2 wells and operators believe they will produce oil in commercial quantities as soon as this work is completed.

This belief is shared by many local citizens who have been watching operations, and two producers are expected instead of one.

Operators advise that they expect to be rigged up and ready to work on No. 1 by Tuesday morning. A day and night crew will be put on.

Night School

Miller Field Most Active In Past Week

Democrat 9-12-37

Twenty Wells Drilling; Lisbon Leads With 90 Producers.

Shreveport, La. —Although adding only two new wells the past week to bring the total of producers there to 11, the Miller county, Arkansas, nose of Rodessa continued to be the most active part of this three-states field, with 20 tests drilling there and seven others rigging up or moving in materials.

Freeman W. Burford of Dallas, Tex., still leads in that area with the largest number of producers and with the most drilling operations, having nine of the latter under way, including two tests more than two miles east of production. One of these, No. 1 August, section 8-20-27, Miller county, is drilling below 3,150 feet and the other, No. 1 Garver-Means, section 11-20-27, is drilling below 3,685 feet.

Burford added one of the new wells this week, No. C-1 A. A. Capps, which was completed flowing 290 barrels of 58 gravity distillate daily, along with 6,000,000 feet of gas through half-inch choke from 6,085 feet.

W. L. McClanahan, discoverer of the Arkansas part of the field, added No. 2 A. A. Capps, section 1-20-28, as a 100-barrel oiler, flowing and swabbing after said treatment. Total depth is 6,061 feet.

Four new locations were made in Miller county this week, three by W. L. McClanahan and one by Hunt Oil Company.

Arkansas secured another wildcat operation when Renedum and Trees Oil Company started moving in materials for No. 1 G. W. Slaughter, section 4-14-19, Ouachita county.

The Marion county (Texas) end of Rodessa at Jefferson, added its third oil well when Holcomb and Thomasson, who drilled the discovery well in that nose of the field, completed a west offset to it in No. A-1 Lizzie Henderson, R. Bennington survey, which flowed 685 barrels in 24 hours through half-inch tubing choke from Gloyd formation at total depth of 6,050 feet.

The Lisbon field, where there are more than 40 active operations under way, had its largest week during the last seven-day period, adding nine wells to bring the total in that field to 90 producers. However, two of the week's wells were pumpers, including Gulf Oil Corporation's No. 1 S. E. Tatum, section 32-21n-4w, which pumped only 95 barrels daily after twice being acidized, although it had as much saturation as most wells in that part of the field.

Grady Vaughn and Pat Marr extended production sligtly northeast when they completed No. 1 E. B. King, section 30-21n-4w, flowing 50 barrels hourly through 56-64-inch tubing choke at 5,130 feet.

R. Hal Compton made location one mile south of production at No. 1 T. M. Kilgore, section 12-20n-5w. Two miles west of production, Lisbon Oil Company (J. B. Bond et al.) was testing No. 1 Burgess, section 3-20n-5w, after plugging back to 5,325 feet from 5,800 feet. Three miles southwest of production Bevill et al. were still standardizing No. 1 Alex Edmonds, section 16-20n-5w, at 5,413 feet, with 2,500 feet of oil standing in the hole.

Joe Modisett of Shreveport and El Dorado started moving in materials for No. 1 Frost Lumber Company, section 14-21n-1e, Union parish, La., for a proposed 7,000-foot test. This location was made after extensive geological and geophysical work. He has a block of about 3,000 acres.

The seventeenth lower Marine producer was added in the deep Cotton Valley field, Webster parish, by Magnolia Petroleum Company in No. 2 A. J. McCook, section 22-21n-10w, that gauged 520 barrels distillate at 8,293 feet.

The wildcat feature of the week was the successful completion of Lide and Greer's No. 1 Causey, section 32-19n-2w, Lincoln parish, as a 60,000,000-foot wet gasser after casing was perforated in basal Glen Rose lime at 5,216 to 5,236 feet. The well had been drilled to Travis Peak at depth of 5,822 feet and plugged back to the basal Glen Rose lime horizon, where it had shown for gas production in a drill stem test.

Lincoln parish is the most active north Louisiana parish at present in wildcatting and leasing. Hunt Oil Company has been leasing actively in this parish recently in township 19 north, range 3 west, and in township 19, range 2, west, in the vicinity of the new gasser. Magnolia Petroleum Company has been leasing tracts in township 20 north, range 2, west.

Arkansas Operations.

Shuler field in Union county, Ark., gave indications last week of having excellent producing possibilities from the Big Lime. This was shown when Edwin M. Jones' No. 1 Marine Oil Co., section 17-18-17, in a drill stem test from 7,545 to a 7,575 feet, in which 21 feet of saturation had been logged, flowed 39.3 gravity oil after the first seven thribbles of pipe had been broken down after testing tool was left open for 10 minutes. Quarter-inch chokes were used at both top and bottom. Operators later cut another core to 7,596 feet which also showed oil saturation, and were running formation tester again.

Kerlyn Oil Company of Oklahoma has taken an interest in the block assembled by J. R Tolbert Jr., around section 14-17-20, Columbia county, Ark., for a 6,300-foot test and will drill the well. A. G. Oliphant, who has extensive interests in east Texas and at Cotton Valley, La., is also reported to have acquired an interest in the block.

This county continues to be the scene of considerable leasing. E. O. Olds is leasing around section 14-17-21, and Lion Oil Refining Company has been taking leases in township 19, ranges 19 and 20, where Robert Bowles and Grimes Brothers are also leasing. J. M. Hayner of Shreveport has assembled a block of 8,000 acres around section 35-11-13, Calhoun county, for a 3,000-foot test.

Sun Oil Company and Texas Company are leasing in township 18, range 24, in Lafayette county, and in Ouachita county J. E. Gaunt is assembling a block in township 14, range 18.

Benedum and Trees Oil Company are rigging up for a wildcat test on its block in Ouachita county, at No. 1 G. W. Slaughter, section 24-14-19. This company recently completed a 230-barrel daily pumper at No. 1-A Fincher, section 10-14-20, Nevada county. Troy field, which has been rather quiet in recent weeks, and made location for No. 10 Grove in the same section.

Drillers Plan Deep Tests Near Magnolia

Magnolia — Two locations have been made in this county for deep oil tests and drilling is expected to begin right away. One of these is near Village, 12 miles east of Magnolia, and is to be a deep test by the Tidewater Oil Company. The derrick is up and machinery on the ground.

The other location is about six miles east of town on the Barnett lease and will be the Talbert test. Contract depth calls for 6,300 feet.

El Dorado Is Thrilled by New Prospect

Feel Assured Jones-Murphy Well to Mean Heavy Production.

El Dorado—Members of the El Dorado oil fraternity and citizens generally again are thrilled by the prospects for realization of their dream of years for real deep sand production.

The showing of this and that well over a period of years has heralded the start of a deep sand boom and some production of that nature has developed, but the best showing of any to date is believed to have been encountered in a well in the Shuler area.

All of the hope for striking the deep pay dirt in a big way is founded on the 52 feet of sand encountered in the Marine Oil Company No. 1 well of Jones, Murphy and Hurley, in section 17-18-17, about a mile east of the shallower sand discovery well in section 18-18-17.

Work of setting casing in the well for final testing was completed Saturday after two days of running of seven-inch pipe in the hole. The casing was set at 7,612 feet with 1,000 sacks of cement being used. The casing was set three feet off the bottom, since the sand was struck from a depth of 7,553 feet to 7,605 feet and the well was reamed down to 7,615 feet.

Final testing of the well is expected to get under way the latter part of the coming week. No announcement has been made as to the time when the plug will be drilled, but rules of the State Conservation department require that the casing be allowed to set for at least five days.

Expectations now are that the well will be completed as a big producer. No estimates are being made, but on the strength of the showing in the drill stem test, some field followers have predicted that the well will produce several thousand barrels daily.

There was no indication of salt water in the formation and the well has encountered the largest amount of what appears to be producing sand in the history of petroleum development in Arkansas.

Interest also centers in the Jones deep test and the Morgan A-1 of the Lion Oil Refining discovery well in the Shuler field, in section 18-18-17, which also is being deepened in search of the Big Lime. The Jones well is still above the lime formation.

The Lion crew is engaged in a fishing job, several hundred feet of pipe having been twisted off in the hole. The well is down to 6,200 feet.

The showing in the Jones well has revived interest in the field and already there is talk of deepening other tests in the field.

Another wildcat test being watched is the Southern Kraft Corporation No. 1 of W. D. Wingfield and associates, in section 18-16-14, on a line between the Snow Hill deep area and the Rainbow City field. The well is in the vicinity of Calion to the northeast of El Dorado. Drilling was resumed recently after a shutdown and now the well is coring at 5,150 feet. Operators announced today that they expect to encounter the anhydrite formation in a short time, probably within 100 feet. They also feel that the well is nearing the formation from which production is being obtained in the Shuler field.

Field Has 13 Wells.

The first series of sands in the Shuler field continues to show a daily production in excess of 6,000 barrels.

Production figures obtained from five companies in the area show the daily average production from the 13 producing wells is 6,435 barrels.

The Lion Oil Refining Company, which brought in the discovery well from what is expected to be only the top sand in the field, has the largest amount of production with four producers. The Morgan A wells in section 18-18-17, show a production of 1,700 barrels per day and the two Morgan "B" wells in the same section are flowing at the rate of 2,200 barrels daily.

With three wells the Phillips Petroleum Company is the next largest producer. The Justiss well of the company is making 386 barrels a day, the Marks No. 1, 601 barrels, and the Louis Rosen No. 1 179 barrels a day.

Production of the Marine Oil Company is above 900 barrels a day. The Justiss No. 1 is producing 483 barrels daily while the Fee No. 1 and Jones No. 1 are both producing 458 barrels per day.

The Alice-Sidney Oil Company has a production of 397 barrels daily from two producers, the Morgan No. 1 which is making 355 barrels a day and the Morgan No. 2 which is good for 42 barrels.

Jones, Murphy and Hurley have only one producing well, the Murphy Land Company No. 1, which is producing 31 barrels daily.

OIL NEWS

Final Testing Near For Marine No. 1

Gazette 9-12-37

Special to the Gazette.

El Dorado, Sept. 11.—With casing set at 7,615 feet for final testing following a good oil showing in a drill stem test on the Marine No. 1 test of Jones, Murphy & Hurley in Section 17-18-17, oil interest of South Arkansas this week centered on the Shuler area west of El Dorado in Union county.

More than 50 feet of heavily saturated oil sand were cored and tested in the well before the decision was made to set casing. The drill stem test in the upper section of the sand indicated a producer of from 1,500 to 2,500 barrels of high gravity oil with a strong showing of salt water. The oil sand was encountered at a depth of 7,553 feet and was penetrated at a depth of 7,605 feet when the formation changed to a limey shale.

The sand was cored to a depth of 7,575 feet and a drill stem test made from 7,545 to 7,575 feet. The test was made for 10 minutes with a quarter-inch choke at top and bottom of the tool. When the drill stem was being broken down, oil began flowing after 30 joints of pipe had been broken down. The well had made more than 6,900 feet of oil in the 10-minute test. There was no trace of salt water and there was a strong gas showing.

No Accurate Estimate.

Although operators declined to make an estimate on the well stating that no accurate estimate could be made of possible production from such a depth with so small a choke on the tool, other oil men who witnessed the test estimated that the well would be good for production of from 1,500 to 2,500 barrels per day. The oil taken from the test tested about 39-gravity.

Following the drill stem test, another 30-foot core was taken from 7,575 to 7,595 feet and the core was similar to the formation from which the good showing was made. The next core was from 7,595 to 7,615 feet with the top 10 feet of the core showing the same sand formation heavily saturated with oil and having a strong gas odor and the bottom 10 feet were limey shale.

Operators reamed down to the bottom of the hole and ran a Slumberger test of the formation to make a "picture" of the formation and then set casing for final testing. Seven-inch casing was set in the hole. The only other casing in the hole was 800 feet of surface casing with the remainder being open hole until the seven-inch casing was set. It is expected that final testing of the well will be made within seven days.

The test, which is located in the northwest corner of the southwest quarter of the southeast quarter of Section 17-18-17, is being financed jointly by Jones, Murphy & Hurley and the Marine Oil Company. It is more than a mile east of the discovery well and is the most eastern well yet drilled in the Shuler area.

Operations Delayed.

Drilling operations on the Morgan A-1 discovery well of the Lion Oil Refining Company in the center of Lot 1 in the southwest quarter of Section 18-18-17, which is being drilled to the big lime formation, have been held up because of a fishing job on the well. Approximately 400 feet of drill stem were twisted off in the hole when a "washout" cut the drill pipe. Part of the lost drill stem had been recovered Thursday and it was expected that the remainder would be recovered this weekend and drilling resumed. The well was drilling at 6,200 feet before the drill stem was lost. The Phillips Petroleum Company, which drilled the well to a depth of 4,270 feet last year before abandoning it, is sharing in the expense of deeping the test.

If the Jones well is completed for a big producer in the new deep sand and the Lion well encounters the same formation, it is expected that several other tests in the area which have been temporarily shut down will be deepened to the new level.

Wells temporarily shut down include the Powledge No. 1 of the Alice Sidney Oil Company in the southeast corner of the southwest quarter of the southeast quarter of Section 7-18-17; the Ed Gann No. 1 of the Phillips Petroleum Company, located in the southwest corner of the southeast quarter of the northeast quarter of Section 18-18-17; the Gallagher No. 1 of Jones, Murphy & Hurley in the northeast corner of Lot 4 in the northwest quarter of Section 19-18-17; the C. H. Murphy No. 1 of Jones, Murphy & Hurley in the northwest corner of Lot 6 in the northwest quarter of Section 19-17-17, and the Murphy Land Company B-1 of Jones, Murphy & Hurley in the southwest corner of the southeast quarter of the northeast quarter of Section 13-18-18.

Wildcat Goes Ahead.

W. W. Wingfield and associates are coring ahead below 5,050 feet in their Southern Kraft Corporation No. 1 wildcat deep test in Section 18-16-14, midway between the Snow Hill area of Ouachita county and the Rainbow City area of Union county.

In Section 8-16-22 in Columbia county the Standard Oil Company of Louisiana is drilling ahead at 6,031 feet in its J. P. McKean No. 1 deep test. Nine-and five-eighths inch casing was set in the test at 4,692 feet to protect the hole. The well is scheduled to be taken to a depth of about 7,000 to 7,500 feet unless production is encountered at a lesser depth.

In Ashley county, the Phillips Petroleum Company has abandoned its Stillions Lumber Company No. 1 deep wildcat test at a depth of 5,446 feet. The well was well in the big lime formation having topped the formation at 5,192 feet.

The Seaboard Oil Corporation and the Tidewater Associated Oil Company, who drilled a dry hole on the Graves No. 1 test in Section 33-13-18 in Ouachita county west of Camden, are moving the rig to a new wildcat location in Columbia county for a 7,000-foot wildcat deep test. The well will be the Crumpler No. 1 and will be located 1,650 feet from the west line and 330 feet from the south line of a 67-acre tract of land in the southwest quarter of Section 24-17-19.

Seven Drill Tests.

Seven permits to drill new tests were issued by the state Conservation Department this week and five permits were issued to plug and abandon old tests. Logs of three wells were filed.

W. L. McClannahan obtained permit to drill the Capps Bros. B-1 test, located 330 feet south and 660 feet east of the northwest corner of the southwest quarter of the southwest quarter of Section 12-20-28 in Miller county.

The Hunt Oil Company obtained permit to drill the Mabel Ann Wommack No. 3 test, located 330 feet south and 330 feet east of the northwest corner of the south half of the southeast quarter of Section 10-20-28 in Miller county.

W. L. McClannahan obtained permit to drill the Capps Bros. No. 4 test, located 345 feet west and 660 feet south of the northwest corner of the east 30 acres of the northwest quarter of the southeast quarter of Section 11-20-28 in Miller county.

Benedum & Trees Oil Company obtained permit to drill the Groves Land and Timber Company No. 10 test, located in the center of the southeast quarter of the northeast quarter of the northwest quarter of Section 10-14-20 in Nevada county.

The Tidewater Associated Oil Company obtained permit to drill the C. M. Crumpler No. 1 test, located in the center of the southwest quarter of the northeast quarter of the southwest quarter of Section 24-17-19 in Columbia county.

W. L. McClannahan obtained permit for the Capps Bros. No. 5 test, located 500 feet east and 165 feet south of the northwest corner of the southwest quarter of the southwest quarter of Section 11-20-28 in Miller county.

Benedum & Trees obtained permit for the G. W. Slaughter No. 1 test, located 1,320 feet south and 300 feet east of the northwest corner of Section 24-14-19 in Ouachita county.

The Gulf Refining Company obtained permits to plug and abandon five tests, three in Union county and two in Ouachita county.

Walter Lown filed log of the Atkinson No. 1 test in Dallas county, the Alice Sidney Oil Company filed log of the D. S. & J. C. Morgan No. 2 test in Union county and Roberts Bros. filed log of the W. W. Capps A-1 test in Miller county.

New Producing Area Opened In Lincoln Parish.

Special to the Gazette.

Shreveport, La., Sept. 11.—A new North Louisiana producing area, in Lincoln parish, was definitely opened this week when David Lide and George Greer et al completed Causey 1, section 32-19-2, flowing an estimated 60 to 75 million feet of gas. Completion followed the perforation of casing in the 5,216-36 foot zone, where the well previously had shown for a producer on a drill stem test. The hole was plugged back after finding Travis Peak dry at 5,822 feet.

Another deep well which continued to claim close attention was the Caddo parish (La.) test near Caspiana of Prairie River Syndicate at Hutchinson No. 1, section 15-15-12, which was attempting to make a drill stem test at 8,837 feet in a thick section of Lower Marine sand which has showed gas and distillate.

One Well Due.

In the Grogan district of DeSoto parish, where an oiler and a gasser have been completed, another well was due to reach the Paluxy sand pay late this week. This was Pullman Oil Company's Ramsey 3, section 36-11-11, which was coring ahead in the Paluxy after a drill stem test of the top part of this formation from 2,906-17 feet showed salt water.

Magnolia Petroleum Company this week completed the 17th producer from the Lower Marine gas distillate sand in the Cotton Valley field of Webster parish at McCook 2, section 22-21-10, flowing 277 barrels in 11 hours through 3-8 inch choke. Depth was 8,293 feet.

Seaboard Oil Corporation and H. L. Hunt's second well on their Bear Creek structure of Bienville parish, at Commercial Real Estate No. 1, section 3-16-6, was below 6,500 feet as the week closed. Location is one-quarter mile northwest of their McGree No. 1 gas distillate producer completed at the 6,700 foot level.

New Wildcat.

Two and a half miles west of production in the shallow Bellevue field, Bossier parish, a new wildcat location has been staked by L. W. Dennis et al for D. L. Roos No. 1 section 13-19-12.

The two-mile west outpost in the Lisbon field of Claiborne and Lincoln parishes, at Lisbon Oil Company's Burgess No. 1, section 3-20-5, was testing as the week closed. The hole was recently re-entered and casing set for production test after being abandoned several months.

The Jefferson section of the Rodessa field in Marion county (Tex.) added its third well this week with the completion of Holcomb and Thomason's Henderson A-1, R. Bennington survey, flowing 378 barrels in 12 hours through 1-4 inch choke at total depth of 6,050 feet. It is 1,700 feet northwest of operator's Henderson No. 1 which established production in the area several months ago.

In Lincoln parish, the new wildcat of E. H. Moore, Incorporated at Commercial-Williams No. 1, section 22-19-5, was preparing to spud. Also in Loncoln parish, Gigantic Oil Company was curing titles on its 12,000 acre block after setting surface casing in Sanderson No. 1, section 30-18-1.

Locations for Two Deep Tests Made in Columbia County.

Special to the Gazette.

Magnolia, Sept. 11.—Two locations for deep tests were announced here today for Columbia county. They are in wildcat territory.

One is in 24-17-19, near Village, and will be drilled by the Tidewater Oil Company. The derrick is up and machinery on the ground.

The other is in 14-17-20, near the Garrett No. 1, about six miles east of Magnolia. It will be known as the Talbert test, and is on the Barnett lease. Depth called for is 6,300 feet. The location is being surveyed and pits dug.

Oil News

Lisbon Field Oil Men Worry Over Outlet

Democart 9-19-37

Gulf Pipeline to Cease Operation—Miller Field Booming.

Shreveport, La. — Announcement by Gulf Refining Company that, effective at midnight, September 30, it will cease purchase of Lisbon, La., oil, thereby eliminating the only purchaser with a pipeline to that field which has 105 producing wells with a combined daily yield of approximately 16,000 barrels, featured the past week's oil news in north Louisiana.

The blow came unexpectedly to most of the operators in that field in view of the previous announcement by the Gulf that it would hold in abeyance for 60 days from last August 17 its announcement that it would curtail purchase of Lisbon oil to 10,000 barrels daliy.

However, the field will not be without an outlet for more than a fortnight as Caddo Pipeline Corporation (Grogan Oil Co.) expects to have a six-inch line completed to Lisbon by October 15. However, this company cannot handle anywhere near the total present yield of the field as Gulf's line is an eight-inch line. Gulf has informed public service commission officials that it stands ready to comply with the common carrier act of Louisiana and will transport Lisbon oil to such purchasers as operators secure. Congestion of its Houston, Texas, trunk was assigned by a Gulf official as the reason for its halting of Lisbon purchases.

Gulf recently completed its first producer in the Jefferson offshoot of the Rodessa field, Marion county, Texas, and has considerable other acreage at Jefferson.

Lisbon independent operators held a conference at Shreveport Thursday in an effort to secure a new outlet for their production. They pointed out that a shut-down of even a fortnight will greatly cripple producing wells at Lisbon as it will probably necessitate re-acidizing most of them and one of the operators declared such a sequel would be "a tragedy."

North of Lisbon United Gas Public Service Company has recently completed a seismograph check of its 12,000-acre block centering around section 13-21n-5w, Claiborne parish, where it drilled a 6,712-foot test two years before the discovery of oil at Lisbon. This old well has been seeping oil ever since it was abandoned but from what horizon is unknown. United re-assembled the block after oil was discovered at Lisbon.

Will Hall, W. E. Haynes and A. O. Olsen, the latter of Oklahoma, have taken 700 acres of leases in the Blanchard gas field where United Gas completed a small gas-distillate well at 5,911 feet several months ago and later re-worked the hole. Hall, Haynes and Olsen have made location for No. 1 Sharp, section 15-18n-16w, Caddo parish, for a proposed 6,500-foot test that must spud by September 25. United's well was in 16-18-n-16w.

T. L. James and Company's No. 1 Spencer, section 11-17n-4w, Lincoln parish three-fourths of a mile east of two other gas distillate producers in the Simsboro (Montcalm) field, missed a fourth attempted drill stem test Thursday at total depth of 6,618 feet, after having on the first attempted test gotten an estimated 15-million-foot showing. This is in the Travis Peak from which formation one of the two present wells in this district is producing.

In the Bear Creek district, Bienville parish, Seaboard Oil Corporation and H. L. Hunt's No. 1 Commercial Estate, section 3-16n-6w, was waiting on cement to set on final string of seven-inch casing. Total depth is 6,901 feet. The well showed for a gas-distillate producer. It is a quarter-mile northwest of a Glen Rose gas-distillate producer, one of two such wells in that area. The present test is reported to have logged saturation from 6,736 to 6,776 feet.

Prairie River Syndicate's and Blacwell Oil and Gas Company's No. 1 Hutchinson, section 15-15n-12w, lower Marine wildcat in Caddo parish, continued to core a head this week at 8,974 feet in the lower Marine. Electrical tester had shown some porosity and resistivity higher up in the lower Marine. Two new locations for the lower Marine Cotton Valley field, Webster parish, were made last week. United Gas' No. 2 J. M. Mixon, section 22-21n-10w, and Woodley Petroleum Company's No. B-5 A. H. Gray Section 27-21n-10w.

Arkansas Operations.

With 11 new locations made last week in the Miller county Arkansas, extension of Rodessa, that nose of the field continued to be the most active part of this field, located in parts of three states.

However, only one new well was added in the Arkansas part of the area during the week, this being Freeman W. Burford's No. 3 Eason, section 11-29-28, completed at 6,075 feet, flowing 35 barrels per hour through five-eighths inch tubing choke, after being acidized. Previously gas lifting equipment had been used on this well in a futile effort to make it flow.

The first salt water reported in this nose of the field was reported last week in Roberts Brothers No. 1 Capps, section 10-20-28, said to be making about seven per cent water, which is not alarming but is significant.

Main interest in Arkansas outside of Miller county, was in E. M. Jones et al's No. 1 Marine Oil Co., section 17-18-17, Shuler district, Union county, which logged 51 feet of formation showing oil at top of the Big Lime, and cemented seven-inch casing on bottom at 7,615 feet. This well late in the week was ready to drill plug and test. Whether additional cores will be taken or casing perforated has not been announced.

W. C. Feazel has taken more than 100 acres of leases in Sections 8 and 9-20-27, Miller county. Hunt Oil Company is adding to its leases in townships 18 and 19, range 20, Columbia county, Ark., and in township 18, range 26, LaFayette county. Root Petroleum Company has also been leasing in the latter county in township 19, range 26.

Easton, May and Murdock's No. 1 LaGrone, Section 5-12-26, Hempstead county, is drilling dark red shale of the Travis Peak at 2,919 feet, the formation having been unchanged for the last 200 feet.

The Arkansas Board of Conservation has adopted a rule, effective upon its promulgation, that drilling permits issued in that state shall be good for only 90 days. If operations have not started in that period the permit is voided. This also applies from date of promulaton to permits previously issued. Several permits were issued several months ago for Miller county that have never become active locations. All 11 permits issued last week in Arkansas were for the Miller county extension of Rodessa.

The Lodi nose of the Rodessa area in Marion county, Texas, added another producer last week in Mid-Continent Petroleum Company's 2 Sory, A. de Los Santos Coy survey, which gauged 288 barrels in 24 hours through quarter-inch choke. Total depth is 6,108 feet.

Daily Production.

Daily average production in the Miller county (Ark.) extension of the Rodessa field was 3,950 barrels, with the Louisiana side of Rodessa averaging 51,131 barrels.

The Lisbon (La.) field averaged 12,882 barrels, and the Shuler field in Arkansas, 5,405 barrels.

Flow of Salt Water in Deep Well Checked

Jones-Murphy Test Temperamental but Making Lots of Oil.

El Dorado—The Shuler field deep sand procuder, the Marine No. 1 well of Jones, Murphy and Hurley, which had been making salt water since midafternoon of Friday, along with a good flow of oil, was opened wider Saturday night and the flow increased, with a decrease in the proportion of salt water.

Flowing through two-inch tubing, for the first time, the well was reported making at the rate of 180 barrels of fluid per hour with 126 barrels of that amount being good oil. The remaining 54 barrels, or 30 per cent, was salt water.

The well had been flowing through half-inch and three-quarter-inch chokes. Through Saturday afternoon the well had been making from 40 to 60 per cent salt water along with the flow of oil.

Operators were encouraged by the decrease in the salt water flow and were hopeful of a good producer.

A flow of 126 barrels of oil per hour, independent of the salt water, would mean more than 3,000 barrels of oil per day.

For a time Friday the situation was somewhat alarming. The salt water flow increased to as high as 98 per cent, but stopped entirely at 10:30 Friday night. However, the flow of basic sediment continued and was being taken from production by the separator. The flow of basic sediment was about 22 per cent of the flow of the well.

Casing pressure was 950 pounds and tubing pressure 225 pounds, and the temperature was 136 degrees.

The oil is being produced from perforations in the casing from 7,554 to 7,571 feet. The 52-foot oil sand is from 7,553 to 7,605 feet and casing was set at 7,615 feet.

The test, which is jointly financed by Jones, Murphy and Hurley and the Marine Oil Company, is located in the southeast quarter of section 17-18-17, about a mile east of the discovery well and a half-mile from production. It is the deepest production yet obtained in Arkansas.

With the improvement shown in production reports have circulated that other operators in the area will deepen wells to the new producing level. However, none of the reports was confirmed.

The Phillips Petroleum Company is reported rigging up on its No. 1 test, in section 18-18-17, to take it to the deeper sand and the Alice Sidney Oil Company is also reported planning to deepen its Morgan No. 1, also in section 18-18-17.

Jones, Murphy and Hurley are reported planning to deepen their Gallagher No. 1.

The Lion Oil Refining Company Saturday was drilling in shale at 6,218 feet on its Morgan A-1 deep test in the center of lot one in the southwest quarter of section 18-18-17, which is to be drilled to the new formation.

OIL NEWS

Marine No. 1 First Shuler Deep Well

Special to the Gazette. 9-19-37

El Dorado, Sept. 18.—Completion of the Marine No. 1 deep test well of Jones, Murphy and Hurley in the Shuler area west of El Dorado for a producer at a depth below 7,500 feet, the deepest production in Arkansas, is expected to result in deepening of several other tests in the area which failed to produce in a shallower sand and may result in many new operations in the field. The well is producing oil at the rate of about 3,000 barrels per day.

The Jones test was completed as a producer yesterday after being washed for several hours. The flow was estimated on the day of completion at from 50 to 60 barrels of oil an hour with some showing of salt water. The salt water flow increased during the afternoon and at one time was almost 100 per cent salt water. In the night the flow was stopped and at midnight the well had produced a total of 750 barrels of oil. From midnight until 7 a. m. today the well produced 603 barrels of oil.

Two-Inch Choke.

Casing pressure on a two-inch choke is 1,125 pounds and tubing pressure about 350 pounds. Temperature is 134 degrees. The daily production from the well on the two-inch choke would be slightly more than 3,000 barrels. Gas production is about 1,500,000 cubic feet daily.

Operators are reported planning to experiment with various sized chokes to determine the most suitable choke for the best production and are reported planning tests to determine from what part of the sand the salt water is coming.

While chief interest in the south Arkansas area this week centered on the Jones well, operators on the Morgan A-1 well of the Lion Oil Refining Company recovered the drill stem that has been lost in the hole for the last two weeks. The lost pipe was recovered Thursday afternoon and drilling operations were resumed below 6,184 feet.

While the drill stem was lost operators kept the mud in good condition and little time was required to recondition the hole for resumption of drilling operations.

It will be about a week before the Lion well is near the level from which the Jones well encountered the oil sand. The Lion well is located in the center of lot one in the southwest quarter of Section 18-18-17. It was the discovery well in the Shuler area and was completed as a producer from the 5,600-foot level several months ago.

Daily production of the 13 shallow sand wells in the Shuler area this week was approximately 500 barrels under the production figures of last week. Daily average production this week was 5,900 barrels as compared with 6,400 barrels daily last week.

Four Producers.

The Lion Oil Refining Company, with four producers, continues to be the biggest producer in the area. Its two Morgan "A" wells in lot one in the southwest quarter of Section 18-18-17 are producing 1,680 barrels daily and its two Morgan "B" wells in the southeast quarter of the section are producing 2,016 barrels daily.

Completion of the J. E. Eason No. 3 test of Freeman W. Burford in Section 11-20-28 in south Miller county this week brought the number of producers in the Rodessa extension in Arkansas to 11. Production of the well has been estimated at 40 barrels per hour.

The well refused to flow until it was treated with acid. Production from the well is now expected to be approximately 1,000 barrels per day.

The latest completion in the Miller county area extends the producing area a quarter of a mile eastward. It is a quarter of a mile east of the J. E. Eason No. 2 producer of the same operator. Completion of the Eason well for a producer is expected to result in considerable drilling in the areas north and east of present production in the field.

Eleven permits to drill new tests were issued by the Arkansas State Board of Conservation this week and one was issued to plug back and perforate. Logs of five wells also were filed.

F. W. Burford obtained permits to drill six wells in Miller county. They are the G. G. Gerrald 2-B located 330 feet east of the west line and 465.7 feet south of the north line of the fractional southwest quarter of the fractional northeast quarter of the fractional Section 15-20-28; the A. J. Cross No. 1 test located 660 feet north and 330 feet east of the southwest corner of the east half of the southeast quarter of the northeast quarter of Section 11-20-28; the Mary O. Ahern No. 2 test located 330 feet south and 330 feet west of the northeast corner of the southwest quarter of Section 10-20-28; the Mary O. Ahern No. 3 test located 330 feet south and 330 feet west of the northeast corner of the southeast quarter of the southwest quarter of Section 10-20-28; the A. A. Capps 1-E located in the center of the north 20 acres of the west 40 acres of the fractional Section 13-20-28 and the A. A. Capps 1-F test located 330 feet north and 330 feet east of the southwest corner of Section 12-20-28.

Permit to Drill.

Stanley Rogers of Oklahoma City, obtained permit to drill the A. L. Treadway No. 1 test located 330 feet north and 165 feet east of the southwest corner of the southeast quarter of the southeast quarter of the northeast quarter of Section 10-20-28 in Miller county.

Ferrell J. Roussel of Lutcher, La., obtained permit to drill the Brown No. 1 test located 99 feet north and 330 feet east of the southwest corner of the northeast quarter of the southwest quarter of Section 1-20-28 in Miller county.

S. H. Vance of Texarkana, Ark., obtained permit to drill the Ford and Worthen No. 1 test located 330 feet north and 105 feet east of the southwest corner of the southeast quarter of the southeast quarter of Section 1-20-28 in Miller county.

W. L. McClannahan obtained permit to drill the T. P. Greer No. 1 test located 330 feet north and 330 feet west of the southeast corner of the southwest quarter of the northwest quarter of Section 11-20-28 in Miller county.

Kroll and Travis of Kilgore, Tex., obtained permit to drill the K. K. Dickson No. 1 test located 330 feet north and 330 feet east of the southwest corner of the southeast quarter of the northwest quarter of Section 11-20-28 in Miller county.

The Gulf Refining Company obtained permit to plug back and perforate in the Meekin sand in its Ralph Bennett No. 4 test located 200 feet north and 200 feet west of the southeast corner of the southwest quarter of Section 33-15-15 in Ouachita county.

The following logs were filed with the Conservation Department: Anding and Byrd, B. A. Skipper No. 1 in Miller county; W. L. McClannahan, Capps Brothers No. 2 in Miller county; Tidewater Associated Oil Companies, Mrs. S. A. Graves No. 1 in Ouachita county; Tom Potter, Larry and Vance No. 1 in Miller county; Layton Oil Company, E. S. Terry Estate No. 1 in Miller county.

Louisiana Attention Settles On Lisbon Burgess No. 1.

Special to the Gazette.

Shreveport, La., Sept. 18.—In the Lisbon Field of Claiborne and Lincoln parishes, where a crude outlet situation developed this week with the withdrawal of the Gulf Refining Company, operator of the only pipeline, as a buyer, attention was centered on the two-mile west outpost of Lisbon Oil Company at Burgess No. 1, Section 3-20-5, which was testing at 5,325 feet after treating with 5,000 gallons of acid.

The Grogan area of DeSoto parish received a set back again this week as another well, Pullman Oil Company's Ramsey 2, Section 36-11-11, showed salt water from the Paluxy pay zone at 2,934 feet and was waiting orders. It is apparently the fifth failure for the area where an oiler and gasser are producing.

New Wildcat.

Joe Modisett, El Dorado, Ark., independent, this week staked location for a new Glen Rose lime wildcat in Union parish, La., at Frost Lumber Company No. 1, Section 14-21-1E, northeast of Farmerville.

The south Caddo parish Lower Marine wildcat of Prairie River Syndicate at Hutchinson No. 1, Section 15-15-12, continued to core and drill ahead as the week closed below 8,975 feet. In Bossier parish, two miles west of the shallow Bellevue Field, L. W. Dennis spudded and set surface casing a new 3,500-foot wildcat at Roos No. 1, Section 13-19-12.

In Claiborne parish, on the north flank of the Sugar Creek field, Lyons & Neely spudded a new test to the Travis Peak at R. Sims No. 1, Section 32-20-5. In Concordia parish, the new wildcat of Edward Addey et al. at Pasternack 1, Section 49-8-9, spudded and shut down.

Two additional wildcats were being assembled this week in Columbia county, Arkansas, where two tests are drilling and another is due to start shortly. Just southwest of Magnolia, E. O. Olds et al. is taking a spread of leases around Section 14-17-21 and Robert Bowles et al. have assembled a spread of 3,000 acres around Section 10-18-20.

One Wildcat Spuds.

The proposed 6,300-foot wildcat of J. R. Tolbert at Barnett No. 1, Section 14-17-20, will be drilled by the Kerlyn Oil Company of Oklahoma. The new Columbia wildcat of Tidewater-Seaboard at Crumpler No. 1, Section 24-17-19, spudded and was reported below 1,200 feet as the week closed. Standard of Louisiana's McKean 1, Section 8-16-22, was below 6,150 feet.

In Calhoun county, Arkansas, J. M. Hayner et al. of Shreveport assembled a spread of 7,000 acres around Section 35-11-13, for a new wildcat. In Ouachita county, J. E. Gaunt is taking a block around Section 26-14-18, for a new wildcat operation.

OIL NEWS

Marine No. 1 Continues To Increase Flow

Gazette 9-26-37

Special to the Gazette.

El Dorado, Sept. 25.—The phenomenal performance of the Marine No. 1 deep test well of Jones, Murphy and Hurley which has increased its oil production and decreased its salt water production daily since its completion last week has caused increased interest in deep sand activities in the Shuler area west of El Dorado. The outlook for deep production from the field is more optimistic than at any time since the 13 shallow sand producers were completed.

Aside from the Jones well, interest in the area centers on the Morgan A-1 test of the Lion Oil Refining Company, the discovery well in the area, which is being drilled to the new producing level. The well is still about 1,000 feet above the deeper producing level and it is expected that the new formation will be reached next week.

Monday the Jones test produced 2,155 barrels of oil with 26 per cent of the flow being salt water. The casing pressure was 1,425 pounds and the tubing pressure 250 pounds. Tuesday the well produced 2,387 barrels of oil and 22 per cent of the well's flow was salt water. Casing pressure increased to 1,550 pounds and tubing pressure remained at 250 pounds.

Tubing Pressure Constant.

Wednesday the well's production of oil was 2,482 barrels of oil and the salt water production had dropped to 12 per cent of the well's flow. The casing pressure was 1,650 pounds and tubing pressure remained constant at 250 pounds.

The increase in oil daily and the proportionate decrease in water production and the increase in casing pressure has led to the belief that in a short time the well may clean itself of water.

The salt water production remains a mystery to operators as no showing was made in cores or in the drill stem test that was made before casing was set.

Although no deepening permits have been issued, it is reported that three other tests drilled to the shallow sand in the Shuler area will be deepened to the new producing level.

The Phillips Petroleum Company is reported planning to rig up for deepening of its Gan No. 1 test in Section 18-18-17. The well was temporarily abandoned after failing to make a producer in the shallow sand.

Jones, Murphy and Hurley are reported planning to deepen their Gallagher No. 1 test in Section 19-18-17. The well was drilled to 6,000 feet without making a producer.

The Alice Sidney Oil Company also is reported making plans to deepen its D. S. and J. C. Morgan No. 2 producer in Section 18-18-17 to the new level. The well was completed as a small producer from the 5,600 to 5,800-foot level.

Shallow Wells Continue.

Production from the 13 wells in the shallow sand continues on a big scale with the Lion Oil Refining Company holding top place with four producers. Its two Morgan "A" wells have production of 1,498 barrels daily and its two Morgan "B" wells have production of 1,980 barrels daily.

The Capps B1 test of F. W. Burford in Section 14-20-28 was completed for a producer of about 500 barrels daily and the Gerald No. 1 test of the same operator was completed for a producer of about 400 barrels a day. The test is located in Section 15-20-28. The Capps well extended the producing area of the field about half a mile to the southeast and Gerald No. 1 test extends the producing area about half a mile to the southwest. Use of acid was necessary for the completion of the Capps well but the Gerald test flowed of its own accord.

Five other tests in the south Miller county are are nearing the completion stage. The East Texas Company Capps No. 1 in Section 14-20-28 is coring at 6,050 feet; the Wommack No. 1 of H. L. Hunt in Section 10-20-28 is coring at 6,080 feet; the B. S. Davis No. 1 of F. W. Burford in Section 11-20-28 is drilling below 5,400 feet; the A. A. Capps B-1 of W. L. McClannahan in Section 12-20-28 is drilling below 5,200 feet, and the Layton Oil Company is drilling below 5,650 feet in its Terry Estate No. 4 test in Section 14-20-28.

Drilling Permits.

Drilling permits were issued for four wildcat tests this week by the Arkansas Board of Conservation and logs of three wells were filed.

Fitzwater, Incorporated, of Pine Bluff obtained permit to drill the Owen No. 1 test located 330 feet south and 330 feet east of the northwest corner of the southwest quarter of the northeast quarter of Section 26-9-8 in Lincoln county.

Kerr-Lynn & Co. of Oklahoma City, Okla., obtained permit to drill the Barnett No. 1 test located 330 feet north and 300 feet west of the southeast corner of the southwest quarter of the northeast quarter of Section 14-17-20 in Columbia county.

The Union Drilling Company of El Dorado obtained permit to drill the R. W. Fuller No. 1 test located 100 feet north and 100 feet east of the southwest corner of the northeast quarter of the southwest quarter of Section 5-13-21 in Nevada county.

O. F. Whitaker of Stephens obtained permit to drill the C. C. Guttry No. 1 test located 440 feet east and 200 feet north of the southwest corner of the southeast quarter of the northwest quarter of Section 21-15-19 in Ouachita county.

The Phillips Petroleum Company filed logs for the T. P. Marks No. 1 test and the Lewis Rosen No. 1 test, both located in Union county. F. W. Burford filed log of the A. A. Capps No. C-1 in Miller county.

Wildcat Campaign Probable In Shreveport Area.

Special to the Gazette.

Shreveport, La., Sept. 25.—Possibility of a wildcat campaign in the near future to the deep lower Marine formation in search of new oil reserves in the Shreveport territory was given more strength this week with the completion of a good oiler from this zone in the Schuler district of Union county, Arkansas, and the favorable showing of a test south of Shreveport.

A campaign as active as that which took place on the Glen Rose following the discovery of Rodessa is expected. The Cotton Valley field of Webster parish has 17 wells making large amounts of gas and distillate from this zone and was the first area where it was found productive, Schuler the second.

The Schuler well, Jones, Hurley and Murphey's Marine 1, section 17-18-17, completed earlier this week to open a deeper zone for the area, has showed a steady increase in production of oil and decline in salt water. Late gauge of the well was 2,482 barrels of 32.5 gravity crude, through 2-inch choke in 24 hours. Salt water showing was reported as 12 per cent. Production is from sand in which casing was perforated from 7,554-71 feet.

New Interest.

South of Shreveport, Caddo parish, Prairie River Syndicate's Hutchinson No. 1, section 15-15-12, created new interest this week with it showing gas and distillate from Lower Marine on test at 9,024 feet in a thick body of sand. Operators were coring deeper.

Another important Lower Marine test in the Shreveport area is Magnolia Petroleum Company's Hull 2, T. Applewhite survey, just across the Louisiana line in Panola county, Texas. The well was below 8,475 feet about 400 feet in the Lower Marine section. It is an area where a Glen Rose gas distillate well was completed.

The mile and a half southwest extension oiler in the Lisbon field of Claiborne and Lincoln parishes at Lisbon Oil Company's Burgess No. 1, section 3-20-5, was trying to clean tubing after it came in late last week flowing 38 barrels hourly through a 1-2-inch choke on casing. Depth is 5,324 feet.

Location for a second deep test in the Blanchard area of Caddo parish was staked this week by A. O. Olson, Oklahoma independent, at R. T. Sharp 1, section 15-18-16, half mile east of United Gas' Travis Peak and Glen Rose distillate well.

Abandons Dry Well.

A mile and a half north of production in the Montcalm area of Lincoln parish, G. E. Burford et al. abandoned as dry their Hanna 1, section 34-18-4, at total depth of 6,612 feet.

In Bienville parish, the Gulf Refining Company was rigging up for its new Glen Rose wildcat at Good Pine No. 1, section 25-14-8. In Union parish, Joe Modisett was rigging up for a new wildcat at Frost No. 1, section 14-21-1.

In the Lodi extension area of the Rodessa field in Marion county, Texas, United Gas Public Service reached the producing zone and set casing in Hutchinson 2, a De Los Santos Coy survey, with total depth of 6,116 feet. In the Jefferson part of the field, Shell Petroleum Company's Henderson 1, R. Bennington survey, was coring for the pay zone.

Review of Arhsas Oil Fields

Shuler Well An Important Development

Democrat 9-26-37

Centers Attention on Arkansas; Louisiana Allowables Issued.

Shreveport, La.—Despite trouble over a pipeline outlet and crude buyers for the field's output that remained uncertain during the past week, the Lisbon field in Claiborne and Lincoln parishes continued the most active north Louisiana area last week.

Rodessa's main developments were confined to the Miller county, Ark., and Marion county, Texas, extensions.

Although faced with a curtailed market after October 1, when Gulf Oil Corporation, according to recent announcement, will withdraw as a buyer of crude at Lisbon, and a pipeline now being built to the field by Grogan Oil Company probably will not be ready before October 15 to accommodate over 7,000 barrels daily of more than 16,000 barrels daily yield, the Louisiana Conservation Commission's October allowable order gave the field an increase of 2,250 barrels for October, placing the daily allowable for 126 wells in the field for the coming month at 15,000 barrels.

The proven area of the field is placed at 2,293.3 acres. The acreage factor was placed at one acre equals 5.1040 barrels and the bottom hole pressure factor was given as one pound equals .02768 barrels. The gas waste allowable was set at 38,426,000 cubic feet daily.

The field allowable for the lower Marine 8,000-foot level of the Cotton Valley field, Webster parish, classed as a gas field, although this horizon yields a large amount of distillate with the gas, was continued at 35 million feet daily for October, the same figure as September, with the allocation to be divided among 17 wells. The acreage factor was set at one acre equals 24,305.5 cubic feet and the bottom hole pressure factor was placed at one pound equals 131.97586 cubic feet.

The Louisiana side of Rodessa was given 50,000 barrels daily field allowable with an augmented allowable of 66,000 barrels, being unchanged from the September allowable.

The Sligo field, Bossier Parish, with 17 wells of which six are classed a soil wells, was given a daily oil allowable of six hundred barrels for the month of October. All other north Louisiana fields were given a combined allowable of 22,500 barrels.

While continuing the work of laying a new six-inch line to Lisbon, Grogan Oil Company this week continued negotiations with Gulf Refining Company for purchase of its eight-inch line in the field, but nothing definite had been arrived at late in the week.

Lisbon added six new producers and accounted for three new locations, the largest being Harry Hanbury's No. B-2 Vaughan, section 25-21n-10w, flowing 90 barrels per hour at total depth of 5,262 feet.

Prairie River Syndicate was coring at 9,024 feet in No. 1 Hutchinson, section 15-15n-12w, Caddo Parish wildcat in the lower Marine, after testing 22 joints of gas and mud in a drill stem test from 8,990 to 9,018 feet. One-fourth mile northwest of the Glen Rose gas-distillate discovery well of the Bear Creek district, Bienville parish, H. L. Hunt and Seaboard Oil Corporation's No 1 Commercial Real Estate, section 3-16n-6w, was making gas and 70 barrels of distillate daily from total depth of 6,801 feet after casing set on bottom was perforated at 6,780-89 feet. It was not yet thoroughly cleaned.

Only two small wells, both in the northwest offshoot of the field, were added on the Louisiana side of Rodessa. This field with 768 wells completed to date to September 1, 1937, has produced a total of 45,538,749 barrels of oil. The per well average for the field is 126 barrels at present. Of the wells completed to date in the 407 are in Louisana, 13 in Arkansas, and 348 in Texas.

Freeman W. Burford is surveying right-of-way for a six-inch line from his newly acquired refinery at McCoy, near Rodessa, to Texas Pipeline Company's station in section 28-23n-16w, and this has led to speculation over whether Burford is planning on making this a connection to transport Rodessa oil to the Gulf coast.

The long-awaited deep test of Gulf Refining Company on its large block near Castor, Bienville parish, was launched this week when materials started moving in for No. 1 Good Pine Oil Co., Inc., section 25-14n-8w.

Earl F. Fox and B. F. Phillips have made location for No. 1 H. A. Cook Land Company, section 1-9n-12w, Sabine parish, about two miles north of where Fox several months ago completed a two-million-foot gas well at 3,200 feet.

E. T. (Rebel) Oakes, former major league baseball star of a generation ago, and discoverer of the Lisbon, La., oil field, is expected to spud a 6,000-foot test by November 1 on a 5,000-acre or larger block he has taken in township 18 north, range 1 east, Ouachita parish, along the southeast trend from the Shuler field in Union county, Arkansas. This block is near the west flank of the Monroe Uplift.

Tidewater Associated Oil Company has joined in the east trend "play" from Lisbon production, having leased two tracts in Section 5-20n-4w, Lincoln parish. Tidewater Associated is also leasing some tracts in the Pine Island district, Caddo parish, as is Sun Oil Company.

Shuler Well Important.

Although disappointing in that it has shown varying amounts of salt water, from two to 90 per cent, which may have resulted from a leaking casing, but has been diminishing in recent gauges, completion of Edwin M. Jones et al.'s No. 1 Marine Oil Company, section 17-18-17, on the south edge of the Shuler field, Union county, Ark., at total depth of 7,615 feet, is hailed as another important development for that state.

This is Arkansas's deepest production and is at top of the Big Lime. That it will cause additional drilling for this deeper pay not only in south Arkansas, but also in north Louisiana, is more than likely. Latest 24-hour gauge on the well showed it made 2,482 barrels of net oil with salt water and basic sediment now given as 12 per cent. The fact that the well logged 51 feet of saturation is considered the most important thing about this well, as well as its volume of production, despite presence of the water.

The Miller county, Ark., extension of Rodessa added two of its best wells last week when Freeman W. Burford of Dallas, Tex., completed B-1, Capps, section 11-20-28, flowing 50 barrels per hour at 6,091 feet and No. 1 G. G. Gerald, 15-20-28, flowing 35 barrels per hour at 6,033 feet. Burford's No. 1 August, section 8-20-27, and No. 1 Garver-Means, section 11-20-27, are both coring at the 6,000-foot level, and should have their fates known within a few days. Both are east of present production in Miller county.

Bottom hole pressures are being taken in Miller county as a basis for a probable daily per well allowable to be set for the Arkansas part of Rodessa for October. Arkansas will follow Louisiana Conservation Commission's procedure at Lisbon on this where 25 per cent is allocated to bottom hole pressure and 75 per cent to acreage. Miller county is following a close spacing procedure.

J. W. Moore and A. Eason are leasing around section 33-18-17, for a contemplated Big Lime test to 7,500 feet. Ohio Oil Company has a geophysical unit working in Chicot county, Ark., Standard has a shooting unit near Magnolia, Columbia county, and Shell has a seismograph unit near Stamps, Lafayette county.

Kerr-Lynn and Co. of Oklahoma City started rigging up last week for No. 1 Barnette, section 14-17-20, deep test in Columbia county. Fitzwater, Inc., of Pine Bluff are moving in for No. 1 Owen, section 26-9-8, Lincoln county.

Standard of Louisiana is drilling below 6,550 feet in No. 1 McKean, section 8-16-22, Columbia county, Ark., after testing mud and salt water in a drill stem test at 6,185-6,387 feet. Tidewater Associated's No. 1 Crumpler, section 24-17-19, of the same county, a 7,000-foot test, is drilling below 2,300 feet.

The Marion county, Texas, extension of Rodessa added only one well, that being Mid-Continent Petroleum Company's No. 3 Sory. A de los Santos Coy survey, which recently turned to a gasser, gas being shut off by setting a string of five and one-half inch casing. The well gauged 315 barrels in 24 hours through quarter-inch choke from total depth of 6,054 feet.

Deep Drilling In Arkansas Gets Impetus

Success of Jones-Murphy Makes "Big Lime" the Objective.

El Dorado — With the one "big lime" producer that has been completed continuing to show improvement, all interest among members of the El Dorado oil fraternity centers in the development of the new deep sand in the Shuler field, southwest of El Dorado.

One other well now is fast approaching the pay formation, and it is expected that additional drilling will be under way within a short time.

Reports of several new tests to be drilled and of the deepening of wells that are producing from the first Shuler sand have been heard this week, but as yet no announcements of new activities have been made.

A slight increase in production was shown Saturday in the official report from the producer, Marine Oil Company No. 1 of Jones, Murphy and Hurley, in section 17-18-17. The flow for the 24-hour period ending at 7 o'clock Saturday morning was 2,465 barrels, compared with 2,436 for the previous day. The flow of salt water and basic sediment continues at about 20 per cent of the total amount of fluid.

Casing pressure on the well continues to increase, showing pressure of 1,840 pounds Saturday as compared with 1,750 Friday. The tubing pressure is more or less constant at 250 pounds, and the latest report on the temperature was 148 degrees.

The well that is being deepened and is fast nearing the depth from which the Jones well is producing about 7,600 feet, is the Morgan A-1 of the Lion Oil Refining Company, in section 18-18-17. Drilling today was in progress at 6,767 feet in shale. The Jones producer hit the sand at

light in Production in Lisbon Field Is Curtailed

Lack of Outlet Causes Anxiety; Miller County Area Active.

Shreveport, La.—With new activity practically at standstill and about 25 rigs hitherto active in the field stacked, the Lisbon field in Claiborne and Lincoln parishes, North Louisiana sharply curtailed its production October 1.

Although Gulf Oil Corporation agreed to amend its original plan to withdraw completely as a buyer of Lisbon oil at midnight September 30, it agreed to take only 5,000 barrels from the field daily, about one-third of the daily production, until such time as another line was completed to the field. Grogan Oil Company's six-inch line being laid to the field will not be ready before October 15, and then Grogan will only make connections sufficient to absorb 7,000 barrels daily of the field's yield.

There are on production at present 116 wells in the field, with others testing and in course of completion bringing the number to 126. While there have been rumors that another major company would enter the field as a buyer as Gulf withdraws, nothing definite has been announced on this. Operators meanwhile began to study plans for erection of emergency storage facilities and for trucks to haul out the oil. Surface storage of oil in Louisiana is prohibited by the Conservation commission, except in the direct emergencies and no waiver of this rule has been indicated at Lisbon.

Lisbon where the discovery well was completed last Christmas day by E. T. Oakes, H. D. Easton et al, and produced to September 15 a total of 1,560,090 barrels from 102 wells.

There are two opinions as to the effect that a shut-down of a fortnight at Lisbon would have. Many operators believe it would cripple present producing wells very much and would necessitate their being re-acidized and recompleted from the basal Glen Rose lime. Others believe it would give many of them, especially in the area where a ten-acre rule of spacing was followed in the early days of the field, before 20 acres was adopted as a unit, a benefit by giving them time to rebuild bottom hole pressures which have fallen from an original average of about 1,900 pounds to a total of 140,913 pounds for 116 wells, or slightly over 1,200 pounds. The weighted average pressure dropped 50 pounds in August.

During the last week Lisbon accounted for five new wells as follows: Gulf's No. 2 S. E. Tatum, section 32-21n-4w, 20 barrels per hour at 5,309 feet; Harry Hanbury, No. C-2 Roberta Vaughan, section 25-21n-5w, 50 barrels per hour, at 5,254 feet; Hollyfield and McFarlane's No. 1 H. W. Patton, section 2-20n-5w, a quarter-mile south and a mile west extension, 35 barrels per hour, at 5,246 feet; Olsen Drilling Company's No. 2 J. T. Bean, section 32-21n-4w, 50 barrels per hour, at 5,254 feet; Hollyfield and McFarlane's No. 1 H. W. Patton, section 2-20n-5w, a quarter-mile south and a mile west extension, 35 barrels per hour, at 5,246 feet; Olsen Drilling Company's No. 2 J. T. Bean, section 32-21n-4w, 50 barrels per hour at 5,141 feet, Olsen Drilling Company's No. 3 T. F. Patton, section 30-21n-4w, 85 barrels per hour at 5,185 feet. Besides these wells there are 25 other active operations in the field.

United Gas Public Service Company et al completed another Travis Peak wet gasser in the old Sugar Creek-Glen Rose gas field in No. 1 Stevenson, section 6-19n-5w, Claiborne parish, making estimated 25 to 50 million feet of wet gas daily total depth of 5,670 feet. The same operators have set final casing string in No. 1 Browing, same section with total depth of 5,740 feet.

Two new locations were made in the Cotton Valley field, Webster parish for 8,000 foot lower marine tests. Magnolia Petroleum Company made location for No. 1 T. Crichton, section 33-21n-10w, on a 140-acre lease. On a recently acquired 720-acre lease, Stanolind Oil and Gas Company made location for the first of three deep tests, No. 1 Pardee Company, section 36- 21n-10w.

Unusual Lawsuit.

An interesting lawsuit was field recently at Minden, La., by Sam D. Coyle against Ohio Oil Company over the S. E. of the S. W. Quarter of 23-21n-10w, Cotton Valley field. Petitioner asks cancellation of this lease and $25,000 damages, on the ground that the lease has been drained of production at the 5,500-5,900-foot level from which a nearby well, Ohio's No. B-6 R. L. Holloway is producing from the Travis Peak. Ohio drilled a well on the Coyle lease but took it to the lower Marine at 8,000 feet and Coyle claims it could have produced at the upper level and by not being completed there it is being drained of its production at that level by the nearby well, due to Ohio's not developing the horizon on the Coyle lease.

Although it did not add to its present 13 producing wells, the Miller county, Arkansas, extension of Rodessa, continued to be the most active part of the field with 33 operations under way there. Chief interest was in Freeman W. Burford's two east outpost tests, No. 1 August, section 8-20-27, and No. 1 Garver-Means, section 11-20-27.

E. M. Jones et al plan a second 7,600-foot test to the Big Lime in the newly opened deep producing horizon at Schuler, Union county, Arkansas. Their present well, No. 1 Marine, section 17-18-17, continues to produce over 2,400 barrels of net oil daily after casing was perforated at 7,551-71 feet.

Erwin and Leach have assigned a 4,000-acre block they have centering around section 9-19-26, LaFayette county, Ark., to Turner and Harper of Oklahoma City for a proposed 6,500-foot test.

Goff and associates have approximately 3,000 acres in township 13, range 18, Ouachita county for a proposed Big Lime test to start by October 15.

Besides two new locations in the Miller county extension of Rodessa, two other locations were made in Arkansas, both for wildcat operations. In the Red river valley bed in the town of Fulton, Hempstead county, C. W. Hayes and associates of Williamson, West Virginia, have made location for their third test on Arkansas state land in section 20-13-26.

In Calhoun county, J. M. Hayner and associates of Shreveport made location for No. 1 Brandon, section 34-11-13, Calhoun county, on a block recently assembled.

Standard Oil Company of Louisiana is below 6,550 feet in No. 1 McKean, section 8-16-22, and Tidewater Associated, is below 3,565 feet in No. 1 Crumpler, section 24-17-19 of the same county, that logged top of the Glen Rose at 3,238 feet.

The Marion county, Texas, end of Rodessa added only one new well last week but activity in the Jefferson end of that part of the field continues to gain momentum and is expected to add another producer in a few days. This is Shell Petroueum Corporation's No. 1 Henderson, R. Bennington survey, which is waiting on final string of casing to set after logging saturation in the Gloyd horizon. Total depth is 6,014 feet. It logged 20 feet of saturation from 5,974 to 5,994 feet.

The well added in Marion county last week was on the Lodi nose, United Production Corporation's No. 2 Hutchinson. A. de los Santos Coy survey, completed flowing 35 barrels per hour through quarter-inch choke at total depth of 6,116 feet.

Another pipeline outlet for the Miller county (Arkansas) extension of Rodessa was assured this week with announcement that Southern Liberty Pipeline Company will extend its Rodessa line to that part of the field. It will make connections with wells of William Monroe Layton and the Texas Canadian Oil Company.

Daily average production for Miller county's part of the field for the week ending September 30 was 7,522 barrels, from 13 wells.

Daily average production for the same seven-day period on the Louisiana side of Rodessa was 49,803 barrels and from the Lisbon, La., field 15,835 barrels.

Schuler, Ark., averaged 6,950 barrels daily.

Carlisle Test Well Being Reconditioned

Carlisle—Work on reconditioning the Silver-Chambers No. 1 well near here has been going ahead with day and night crews for the past several days. While the hole was open and the machinery installed, operators decided to carry the well deep enough to test the formation known as the "Mississippian," which underlies the Pennsylvanian formation. Salt water encountered in this well, and which also caused trouble in the No. 2 well, has been mudded off and, according to Mr. Silver, if an oil or gas sand is not found at the deeper depth, then the salt water sand will be cased and cemented off, after which casing will be perforated and a sand which was found at 1,384 to 1,394 in the No. 1 well will be tested. Also sands in the No. 2 well will be tested. Mr. Silver states that he expects no further trouble with the salt water found at 1,615-foot level, and that he expects to make producing wells in the 1,384-1,394 foot sand in the No. 1 well and also from the sand topped at 1,489 feet in the No. 2 well.

He also stated that if the No. 1 well was to be drilled deeper now is the time to do it before the extra string of casing is set.

The new field discovered in southern Illinois is producing from both the Pennsylvania and Mississippian formations and, according to geologists, this same formation extends through Arkansas. For this reason it was thought advisable to go deeper and fully test these formations.

Shuler Field Dependent on Lion A-1 Well

Future Operations to Hinge on Result Second Deep Test.

El Dorado—With bright prospects for an active drilling campaign in search of the new deep sand in the Shuler field southwest of El Dorado, field followers are anxiously awaiting reaching of the formation by the second test.

At least three new tests are assured now on the strength of the showing of the initial producer, and it is believed likely that if the second well is brought in as a good producer that an active drilling campaign will be launched.

The well now being watched is the Morgan A-1 of the Lion Oil Refining Company, in section 18-18-17. Coring for the deep sand below 7,500 feet is expected to get under way the first of the week. Saturday the well was down to 7,325 feet and the crew was expected to start coring operations when the hole is down to 7,450 or 7,500 feet. The pay sand was hit in the first producer at 7,553 feet.

The Lion test is more than a mile west of the recently completed Marine No. 1 of Jones, Murphy and Hurley, in Section 17-18-17.

Successful completion of the Lion test for a big producer from the new sand probably would result in the deepening of several other tests in the vicinity that have failed to make good producers from the higher sand.

Preparations for drilling are being rushed or the Marine No. 2 of Jones, Murohy and Hurley, a 600-foot north offset to the producer, in section 17-18-7, and derrick work is reported under way on two additional tests in the area, one southeast of the present producer and the other northeast of the No. 2 wells.

The Jones-Murphy producer continues making in excess of 2,600 barrels of oil, with casing pressure of 2,275 pounds. Tubing pressure remaing constant at 250 pounds on a two-inch choke. Temperature is 143 degrees and salt water and basic sediment production is about 20 per cent of the flow.

Outpost Well Expected To Widen Miller Field

Texarkana—Oil operators watched developments in the South Miller county field closely Saturday across a four-mile front, as Freeman W. Burford's Mary Ahern No. 1, west outpost well, showed oil in swabbing operations, and drillers set casing on an oil string at the Burford A. J. August No. 1, two and one-half miles east of proven territory.

Darkness halted swabbing operations at the Ahern well, a mile west and slightly north of the McClannahan - Capps discovery well. The outpost test is south of the center of section 10-20-28.

As the test was shut down to await daylight for further operations it had a good showing of oil and gas.

In event the A. J. August No. 1 makes a producer, it will extend its field nearly three miles east and open up new drilling operations in a field that already boasts 15 producing wells, with 32 drilling and locations staked for half hundred more.

OIL NEWS

Interest In Deep Area Increases

10-3-37

Special to the Gazette.

El Dorado, Oct. 2.—Interest in deep sand activities in the Shuler area west of El Dorado increased this week with the announcement of two new locations for tests as offsets to the recently completed Marine No. 1 producer of Jones, Murphy and Hurley, and talk of several additional new locations. Work of rigging up for start of operations on one new test has been started and it is reported that Jones, Murphy and Hurley have made two more locations for additional tests.

In the meantime field followers are watching the Morgan A-1 discovery well of the Lion Oil Refining Company in the Shuler area which is being deepened to the new producing level. The Lion's test is more than a mile west of the deep producer and is in the midst of production in a shallower sand.

The Marine No. 1 test of Jones et al continues its production at a rate above 2,600 barrels daily through a two-inch choke with casing pressure showing an increase daily. Casing pressure on the well Thursday was 2,250 pounds and pressure on the tubing has remained constant at 250 pounds since the well was put on a two-inch choke. The temperature of the well has remained constant at about 144 degrees and the flow of salt water and basic sediment has remained steady at slightly below 18 per cent of the total flow of the well.

Operators have moved rig from the Marine No. 1 test to the north offset, which is to be drilled 660 feet north of the present well. Derrick has been completed on test and operations are rigging up and drilling operations are expected to start this week. The test is the Marine Fee No. 2 of Jones, Murphy and Hurley and is located 330 feet from the west line and 330 feet from the south line of the northwest quarter of the southeast quarter of section 17-18-17.

Nearing Sand Level.

Operators on the Morgan A-1 test of the Lion Oil Refining Company are drilling below 7,000 feet and are expected to near the new sand level in about a week. Operators are drilling with extreme care and are making less than 100 feet a day in their drilling operations.

Although it had been previously reported that three other tests in the vicinity of the Lion, Morgan test had failed to make big producers in the shallower sand, and were to be taken to the new production level, it was learned this week that operators were holding up on deepening operations, pending outcome of operations on the Lion deep tests.

Plugs have been drilled and final testing is under way this week on three tests in the Rodessa north extension in south Miller county. The three tests are the A. A. Capps A-1 test of the East Texas Refining Company, 658 feet north and 668 feet west of the southeast corner of section 14-20-28; the Mary O. Ahern No. 1 of F. W. Burford in the center of the south 20 acres of the northeast quarter of the southwest quarter of section 10-20-23, and the Ann Wommack No. 1 of H. L. Hunt in the southeast corner of the southeast quarter of section 10-20-28.

Second string of casing was set this week in the B. A. Skipper No. 4 test of Anding and Byrd, located in the southwest corner of the northwest quarter of the southwest quarter of section 11-20-28, and in the A. A. Capps F-1 test of F. W. Burford, located 330 feet north and 330 feet east of the southwest corner of section 11-20-28.

Coring Under Way.

Coring is under way on the A. A. Capps B-1 test of W. L. McClannahan in the northwest corner of the southwest quarter of the southwest quarter of section 12-20-28, and the Texas Canadian corporation is drilling at a depth of 5,435 feet in its K. K. Dixon No. 1 test in the southeast corner of the northwest quarter of section 11-20-28.

In the Buckner area of Columbia county the Standard Oil Company of Louisiana is drilling below 6,900 feet in its J. P. McKean No. 1 wildcat deep test located 660 feet north and 660 feet east of the southwest corner of section 8-16-22. In the same county the Tide Water Associated Oil Company is drilling below 3,550 feet in its C. M. Crumpler No. 1 wildcat deep test in the center of the southwest quarter of the northeast quarter of the northwest quarter of section 24-17-19.

In Hempstead county, Eason and May of Shreveport, La., are reported planning to sidetrack drill pipe at 2,944 feet in their R. M. Lagrone No. 1 wildcat test, located 660 feet south and 660 feet west of the northeast corner of section 5-12-26.

Permits were issued by the state Conservation Department this week for the drilling of four new tests, for the abandonment of one test and for the temporary abandonment of another test. Logs of three wells were filed.

The Hunt Oil Company of Tyler, Tex., obtained permit to drill the Mabel Ann Wommack No. 4 test, located 410 feet west and 330 feet south of the northeast corner of the southeast quarter of the southeast quarter of section 10-20-28 in Miller county.

To Drill Brandon No. 1.

Hayner, Reaves and Hose of Shreveport, La., obtained permit to drill the Brandon No. 1 test located 451 feet east and 29 feet north of the southwest corner of the northwest quarter of the southwest quarter of section 34-11-3, in Calhoun county.

J. H. Henry and R. H. Long of Shreveport, La., obtained permit to drill the E. B. Mitchell No. 1 test, located 330 feet north and 330 feet west of the southeast corner of the northeast quarter of the northeast quarter of section 10-20-28 in Miller county.

C. W. Haynes et al of Williamson, W. Va., obtained permit to drill the State of Arkansas No. 3 test, located south 65 degrees west from the northwest corner of block 23, in the town of Fulton, being a part of the north half of section 20-13-26, in Hempstead county, the well to be located on the river bed or on a sand bar.

The Phillips Petroleum Company obtained permit to plug and abandon the Godfrey No. 1 test, located in the center of the south half of the southwest quarter of the northwest quarter of section 18-17-9, in Ashley county.

The Standard Oil Company obtained permit to temporarily a bandon the Mrs. Sarah Harvey No. 1 test, located 660 feet north and 660 feet east of the southwest corner of the southwest quarter of the southwest quarter of section 33-16-26 in Miller county.

Logs were filed this week by the Phillips Petroleum Company for the Godfrey No. 1 test in Ashley county and for the Marcus Justiss No. 1 test in Union county. Edwin M. Jones filed log of the Marine Oil Company No. 1 test in Union county.

Test Well to Be Drilled North Of Blytheville.

Special to the Gazette.

Blytheville, Oct. 2.—J. Nick Thomas, who has been co-operating in a movement to have a test well for oil and gas drilled here, has announced that he has received word that a contract had been awarded for the drilling of a well several miles north of here. Representatives of the company backing the project will begin drilling this month, it is believed.

Grogan May Become Major Buyer in Lisbon Field.

Special to the Gazette.

Shreveport, La., Oct. 2.—Many operators feared that activity in the Lisbon field of Claiborne and Lincoln parishes, which for several months has been North Louisiana's most active district, would drop to a new low and probably a standstill as runs from present producers were cut to about 40 barrels daily and new oilers left without an outlet as the week closed with Gulf Refining Company reducing its purchases from the field about 9,000 barrels daily to 5,000 barrels.

The company up to October 1 had been taking the entire production of the field which amounted to about 14,000 barrels daily. It plans to retire from the field as a purchaser October 15 when Grogan Oil Company is expected to have its line into the field completed.

Rigs were being staked or moved out and crews layed off until the outlet problem could be solved. While the Grogan company will be able to absorb much of the field's production, it will not be able to take the full allowables of each well.

In field developments this week, several wildcat operations and areas were holding attention in the Shreveport district, although new locations were a little scarce.

The Sligo district of Bossier parish, which faded out of the spotlight sev-

eral months ago when the Glen Rose oil zone yielded several gassers and failures, came to the front again this week with the likely opening of a new pay zone at Triangle Drilling Co.'s Schuler A-1, section 13-17-12, which set casing to test an oil show at 3,118 feet from a new sand.

A new producer was completed from the recently opened Travis Peak gas and oil zone in the Sugar Creek field of Claiborne parish this week by Standard of Louisiana et al at its Stevenson No. 1, section 6-19-5. Bottomed at 5,670 feet, the well showed estimated 50 to 75 million cubic feet daily.

Encountering of a fifth sand body in the Lower Marine zone, the Caddo parish deep test of Prairie River Syndicate at Hutchinson No. 1, section 15-15-12, claimed additional attention this week as it cored and drilled ahead below 9,095 feet. The formation was showing some gas and distillate saturation.

In southwest Caddo parish, near the gas distillate wildcat producer completed by W. J. Hunter et al from the 5,200 foot level in Glen Rose lime, a new test is planned by Homer Hurley at Stoer No. 1, section 10-15-15.

Gulf Wildcat Spuds In.

Gulf Refining Company spudded and set surface casing in its new Bienville parish wildcat at Good Pine No. 1, section 24-14-8; Seaboard & H. L. Hunt were rigging up for a third test on their Bear Creek block in Bienville parish at Federal Land Bank No. 1, section 10-16-6, mile and quarter south of nearest of the two gas distillate producers; and A. O. Olson et al continued to rig up at Sharp No. 1, section 15-18-15, new deep test in the Blanchard field of Caddo parish.

In Union parish, Joe Modisett continued to rig up at a new deep wildcat at Frost No. 1, section 14-21-1. E. T. Oakes, discoverer of the Lisbon field, has completed a spread of 5,000 acres in Ouachita parish centering around section 29-18--E for a contemplated early 6,000 foot operation. Also in Union parish, Texas company has enlarged its block centering around section 29-23-3W to approximately 7,000 acres, near Randolph.

In Lincoln parish, the Commercial No. 1 wildcat of E. H. Moore, Inc., in section 22-18-5, was drilling ahead below 4,205 feet while the Lincoln wildcat of Ludel Oil Co. at Gill No. 1, section 36-20-2, was below 5,245 feet. In Sabine parish, Larry Romine's La. Long Leaf No. 1, section 7-5-12, was at 3,065 feet.

OIL NEWS

Lion to Drill Its Discovery Well to Lime

Special to the Gazette. 10-10-37

El Dorado, Oct. 9.—Announcement by the Lion Oil Refining Company of plans to drill its Morgan A-1 deep test well in the Shuler area west of El Dorado to the "big lime" formation despite the coring of almost 70 feet of unbroken oil sand below 7,500 feet, was the feature in south Arkansas oil circles this week.

The Lion test is the discovery well in the Shuler area and was completed six months ago as a producer in the upper sand at about 5,600 feet, but after producing for several months at that depth it stopped. Operators decided to make a deep test.

The test is a joint operation of the Lion company and the Phillips Petroleum Company, which drilled the well to a depth of 4,270 feet last year before abandoning it. Upon its completion as a producer in the 5,600-foot sand it was reported that the Phillips company wanted the well taken to the lime and not completed at that depth.

Now, despite the good showing that the well is making in the 7,500 to 7,600-foot level, indications are that the well will be the first in the Shuler area to be drilled to the lime formation from which seismograph tests have indicated big production will be obtained.

Lion officials in announcing that the well would be taken to the big lime declared that coring will be continued on the well until the present oil sand is penetrated and then "if the lime isn't too far away" the well will be drilled to that formation. No drill stem tests of the present oil sand are contemplated by Lion officials.

The well topped the oil sand at 7,500 feet and coring operations were started at 7,502 feet. The first core was from 7,502 to 7,515 feet with solid oil sand being tested. Successive cores have been taken from 7,515 to 7,525, 7,525 to 7,535, 7,535 to 7,545, 7,545 to 7,558 and 7,558 to 7,568 feet with all cores showing heavily saturated oil sand.

The test, located in the center of lot 1 in the southwest quarter of Section 18-18-17, is more than a mile west and slightly north of the Marine No. 1 test of Jones, Murphy & Hurley in Section 17-18-17 which until Thursday produced in excess of 2,600 barrels daily on a two-inch choke through casing perforations from 7,554 to 7,574 feet. The Jones et al.-Marine test cored 53 feet of unbroken oil sand from 7,552 to 7,605 feet.

The Lion well is at an elevation 20 feet lower than the Jones well, indicating that it is checking a little higher than the first producer in the new deep sand.

After producing more than 40,000 barrels of oil in 15 days on a two-inch choke the Marine No. 1 test of Jones et al. this week was pinched down to a half-inch choke on the tubing and produced oil at the rate of 1,591 barrels per day. On the smaller choke the tubing pressure increased from 250 to 650 pounds. The casing pressure is 2,475 pounds to the half-inch choke; 2,250 on the two-inch choke. Salt water and basic sediment production remained constant at about 20 per cent of the well's flow and the temperature was up two degrees at 144.

Successful completion and continued big production of the Marine No. 1 test well of Jones, Murphy & Hurley has resulted in four additional tests in the vicinity, two being direct off-sets.

The present producer is located in the northwest corner of the southwest quarter of the southeast quarter of the section. The next well will be the Marine No. 2 of Jones and associates, which will be a direct north off-set to the producer and will be located in the southwest quarter of the northwest quarter of the southeast quarter of the section. Drilling operations are expected to be started this week-end.

Lion Building Offset.

The Lion Oil Refining Company has started work on erecting a derrick for a direct west offset to the producer. The test will be located in the northeast corner of the southeast quarter of the southwest quarter of the section.

The other two tests to be drilled in the area are those of Jones and associates. The Marine No. 3 test, which is northeast of the No. 2 test, is located in the northeast corner of the northwest quarter of the southeast quarter of the section and the Marine No. 4 test, which is southeast of the producer, is located in the southeast corner of the southwest quarter of the southeast quarter of the section. Drilling operations are expected to be started on the No. 3 and No. 4 tests in about a week.

Several completions have been made this week in the Rodessa extension in south Miller county. The Layton Oil company completed its Terry No. 4 test in Section 14-20-28 for a producer estimated at about 2,000 barrels daily. The well was completed at 6,060 feet with casing set at 5,967 feet.

F. W. Burford Tuesday completed his Davis No. 1 test in Section 11-20-28 for a producer estimated at good for about 75 barrels an hour. The Mary Ahern No. 1 test of the same operator, located in Section 10-20-28, was brought in Sunday but choked up and stopped flowing. Operators are working to clean the well, and it is now flowing by heads.

The latest producer is the Capps B-1 test of W. L. McClannahan, which was completed Wednesday with an initial flow of about 100 barrels an hour. Acid was used to clean the hole when the well clogged after being drilled in Tuesday. The test is located in Section 12-20-28.

Three other completions are expected shortly in the Miller county area. Operators on the August No. 1 test of F. W. Burford have started swabbing operations on the test located in section 8-20-27. Plug wash drilled Thursday on the Capps No. 5 test of W. L. McClannahan in Section 11-20-28. Tubing is being run in the Gorgan No. 1, test of R. C. Lacy and A. V. Riley in Section 15-20-28.

The Mable Ann Wommack test of the Hunt Oil Company, which was completed early this week for a producer, has become clogged and operators are making an effort to free the hole of mud which has prevented any flow. The test is located in Section 10-20-28.

F. W. Burford is reported to have abandoned his Garver Means No. 1 east outpost test in Section 11-20-28 six miles east of the discovery well. Plans for wildcat operations in four counties were announced this week.

In Hempstead county near Fulton in north half of Section 20-13-26 C. W. Hayes et al plan to start operations soon on their State of Arkansas No. 3 test. The operators previously have drilled two dry holes in the area.

J. M. Hayner of Shreveport has staked location for the Brandon No. 1 wildcat test to be drilled in the northwest quarter of the southwest quarter of Section 34-11-13 in Calhoun county where operators are reported to have assembled a block of 7,000 acres for a 3,000 foot test.

In Lafayette county near Bradley, Harper and Turner of Oklahoma City are planning a test in or near Section 9-19-26, where Erwin and Leach assembled about 4,000 acres.

Northeast of Buena Vista in Ouachita county a spread of leases has been taken, centering around Section 25-14-18, by Luttrell and Goff and associates, with an agreement to start a test to the big lime before October 15.

Four New Test Permits Issued.

The Arkansas State board of conservation this week issued four permits for new tests and one to plug and abandon an old test. One previous permit was cancelled and one change in location of a test was made. Logs of seven tests were also filed.

Three new drilling permits were issued to Edwin M. Jones for tests in Section 17-18-17 in Union county. They were for the Marine Oil Company No. 2, located 330 feet north and 330 feet east of the southwest corner of the northwest quarter of the southeast quarter of the section; The Marine Oil Company No. 2 test, located 330 feet south and 330 feet west of the northeast corner of the northwest quarter of the southeast quarter of the section; and the Marine Oil Company No. 4 test, located 330 feet north and 330 feet west of the southeast corner of the southwest quarter of the southeast quarter of the section.

The Skelly Oil Company obtained permit to drill the W. M. Thomas No. 1 test located 330 feet north and 330 feet east of the southwest corner of the east half of the southwest quarter of Section 12-20-28 in Miller county.

J. C. Buckbee, trustee, obtained permit to plug and abandon the Lelia Cumbie No. 1 test, located 330 feet south and 330 feet west of the northeast corner of the northwest quarter of the northwest quarter of Section 17-17-18 in Columbia county.

Change of location was made on the C. H. Sartor No. 1 test of C. E. Brower located 660 feet from the east line and 660 feet from the west line equidistant from the north and south lines of the south five acres of the northeast quarter of the northwest quarter of the fractional Section 15-20-28 in Miller county.

Permit was cancelled for the C. H. Sartor No. 2 test of C. E. Brower located 330 feet east and 82 1-2 feet north of the southwest corner of the northeast quarter of the northwest quarter of the fractional section 15-20-28 in Miller county.

The Sklar Oil Corporation filed logs for the Cordell No. 1 test, the Fitzgerald No. 1 test and the Murphy No. 1 test all located in Union county. F. W. Burford filed logs for the G. G. Gerrald No. 1-B test, the A. A. Capps No. 1-B test and the J. E. Eason No. 3 test, all located in Miller county. Benedum and Trees filed log of the Groves Land and Timber Company No. 10 test in Nevada county.

New Oil Producing Zone in Sligo Area Promised.

Special to the Gazette.

Shreveport, La., Oct. 9.—Apparent opening of a new oil producing zone in the Sligo field of Bossier parish and reaching of the deep pay horizon in the Schuler district of Union county, Arkansas, by a second well, coupled with interesting developments at several other operations, held attention this week in the Shreveport territory.

This week, however, failed to see any new developments in the outlet problem for the Lisbon field of Claiborne and Lincoln parishes, where Gulf Refining Company is holding its runs to 5,000 barrels daily. New activity in the area slumped considerably as a result.

Looming as the new zone opener at Sligo was Triangle Drilling Company's Schuler A-1, section 13-17-12, which was swabbing 43 gravity crude from a total depth of 3,117 feet. It promises to revive interest in the area, which, though mainly a gas district, contains six oilers from the 5,100-5,200-foot Glen Rose section.

At Schuler, Lion Oil Refining Company's Morgan 1, section 18-18-17, was coring ahead below 7,578 feet toward the Permain lime, after logging over 65 feet of saturated sand in the Lower Marine zone, which it was still in at that depth. It is 1 1-4 mile west of Jones, Murphy & Hurley's Marine No. 1, discovery well of this zone, which is averaging 2,600 barrels daily. Lion plans not to test the sand body until after going to the Permain lime.

Prairie River Halts Drilling.

With a gas distillate producer from the Lower Marine assured, Prairie River Syndicate halted operations at 9,141 feet in its Hutchinson No. 1 section, 15-15-12, Caddo parish wildcat, pending decision to deepen further or complete at present depth. A sand body several hundred feet thick was encountered in the Lower Marine.

Three quarters of a mile northwest of the 8,400-foot gas distillate production in the Cotton Valley field, Webster parish, Ohio Oil Company reached the producing zone and prepared to set casing in Crichton No. 2, section 20-21-10. On the southeast flank of the field, new location was staked by Stanolind Oil and Gas Company for Pardee No. 1, section 36-21-10.

A new wildcat test to the Glen Rose in Claiborne parish was spudded by W. L. McClanahan et al. this week at J. T. Lewis No. 1, section 25-20-7. In Bienville parish, third well was started on the Bear Creek structure by Seaboard and H. L. Hunt at Federal Land Bank 1, section 10-16-6.

In Rapides parish, a geo-physical option on a spread of approximately 15,000 acres has been taken by C. H. Murphy of El Dorado, Ark., in township 3 north, ranges 1 west and 1 east. In the Cheneyville field, also in Rapides, deep test is being planned by Amerada Petroleum Company.

Chief interest in the Rodessa district as the week closed centered on testing operations started by Freeman Burford at August No. 1, section 8-20-27, two miles east of productioin in the Miller county, Arkansas, section of the field. Nineteen oilers have now been completed in the area.

Skelly Enters Miller Field.

Skelly Oil Company made its entry into the Miller county drilling campaign this week with the staking of a location for Thomas No. 1, section 12-20-28, on the east edge of production.

Production in this end of the field was extended south across the Louisiana line toward the main part of the district, almost a half mile this week with Magnolia completing Hardy No. 1, section 1-23-16, flowing 10 barrels hourly through 3-4-inch choke at 6,055 feet.

Northeast of Jefferson, in the southwest end of the Rodessa field in Marion county, Texas, Arkansas Fuel Oil Company announced plans for construction of a 25,000,000-foot capacity high pressure gasoline absorption plant in the John Hanks survey. It will have a gasoline output of 15,000 gallons daily.

In the Lodi section of the field, Fohs Oil Company's McReynolds 2, De Los Santos Coy survey, which missed the regular producing zone, was drilling ahead below 6,400 feet, and will test Travis Peak horizon.

In Lafayette county, Arkansas, Erwin & Leach have assigned a block of 4,000 acres centering around section 9-19-26, to Harper & Turner of Oklahoma City, for drilling. In Ouachita county, a spread of leases has been taken around section 25-14-18, by Luttell and Goff for a new operation.

Rodessa Field In Arkansas Most Active

Democrat 10-10-37

Three New Wells in Miller —Arkansas Yield 40,000 Barrels.

Shreveport, La.—Completion of a well between the new Arkansas extension of the Rodessa field and the main part of the field in Louisiana featured developments in that district during the past week.

The connecting well is Magnolia Petroleum Company's No. 1 G. W. Hardy, section 1-23N-16W, one-half mile south of production in Arkansas, and almost twice this distance north of the producing limits on the Louisiana side.

The well has not been officially gauged, but averaged 180 barrels daily at total depth of 6,055 feet, flowing through various sized chokes. Saturation was logged from 5,987 to 5,995 feet. One-half mile farther northeast, in the same section, Freeman W. Burford's No. 1 Pitts, however, refused to flow and showed but little oil when tested and will be acidized.

With indications that a gas-distillate well can be completed in the lower Marine formation, Prairie River Syndicate's No. 1 Hutchinson, section 15-15N-12W, deep Caddo parish wildcat, was shut down at 9,141 feet while operators were deciding whether to attempt to complete it at its present level or drill deeper into the Permian lime. Five phases of the lower Marine have shown gas and distillate, operators said. Formation tester has been run several times.

Another interesting development of the week in north Louisiana was a showing of oil 400 feet in the lower Cretaceous in Triangle Drilling Company's No. A-1 Schuler, section 13-17N-12W, Bossier parish, Sligo district. This well is standing half full of oil after several days' swabbing, but it refuses to flow. The well may be acidized.

If it is a producer at this level it will add another producing horizon to this field where gas is found in the Nacatosh, upper Glen Rose and basal Glen Rose, with six oil wells having been completed there in basal Glen Rose around 5,300 feet. Triangle Drilling Company has extensive holdings in this field. The present showing at the 3,100-foot level is said to be in a "red bed" series.

The situation at Lisbon, where Gulf Refining Company on October 1 reduced its purchases to 5,000 barrels daily, allocated ratably among the various wells of the fields, caused operators to mark time, although four new locations were announced there. By October 15 Grogan Oil Company is expected to have completed its six-inch line to the field, but it will be able to accommodate by purchase only about 7,000 barrels daily, and Gulf has indicated that when this line is completed it probably will halt all purchases at Lisbon. It is reported that a 500-barrel daily delivery has been offered by Lisbon operators at Tyler, Tex., for 75 cents per barrel, this being the price at the well. It is said a similar offer was made at Tulsa, Okla.

Standard of Louisiana Pipe Line Company officials have denied reports that this company will extend an eight-inch pipeline from the Sugar Creek field, in section 1-19N-5W, to Lisbon, utilizing 10 miles of pipe now stacked at Princeton, Bossier parish, after it was taken up from the old Bellevue field in township 19 north, range 11 west. Five wells with final casing cemented await outcome of the pipeline situation before testing.

Another gas-distillate well in the Travis Peak was completed last week in the Sugar Creek field, which also produces from the Glen Rose. The new well is Standard of Louisiana et al.'s No. 1 Brownfield, section 6-19N-5W, completed making 50 to 75 million feet of wet gas daily at total depth of 5,740 feet. Some operators recently completed No. 1 Stevenson in the same section and in the Travis Peak for an estimated similar amount of wet gas.

32 Operations In Miller.

Besides developments in the Miller county, Arkansas, extension of Rodessa where three new wells were added during the last week, Arkansas's most important development was logging of 60 feet of saturated formation in the lower Marine in Lion Oil Refining Company's No. A-1 Edna Morgan, section 18-18-17, Schuler district, Union county.

This well is one and a fourth miles northwest of Edwin M. Jones et al's No. 1 Marine Oil Company, section 17-18-17, recently completed at 7,550 feet in lower Marine and averaging over 2,000 barrels of net oil daily during the last fortnight. Some salt water has been present.

Apparently the lower Marine horizon is more uniform at Schuler than were the five lenses from 5,500-5,900 feet where 13 wells have been completed to date. Lion's No. A-1 Edna Morgan is the discovery well of the field being deepened from originally completed depth of 5,559 feet. It will be cored ahead to top of the true Permian lime, according to present plans. Edwin M. Jones meanwhile is rigging up for three additional locations on Marine Oil Company fee, in section 17-18-17. Lion Oil Refining Company has staked a west offset to the discovery deep well.

With 32 active operations, including the wells completed during the past week, the Miller county, Ark., part of Rodessa is practically as active as the entire rest of Rodessa in Louisiana and Texas.

Five miles east of production in the Miller county part of the field, Freeman W. Burford last week abandoned as a dry hole his No. 1 Garver-Means, section 11-20-27, Miller county, at 6,250 feet. However, between this test and the main part of the field he set casing and tested No. 1 August, section 8-20-27, at 6,230 feet without any showing, and then plugged back to test at 6,165 feet, final casing having been set around 6,125 feet.

Wells completed in the Miller county extension of Rodessa last week were: Freeman W. Burford's No. 1 S. B. Davis, section 11-20-25, flowing 60 barrels per hour at 6,157 feet; H. L. Hunt's No. 2 Wommack, section 10-20-28, flowing 50 barrels per hour at 6,120 feet; Layton Oil Company's No. 1 E. S. Terry Estate, section 14-20-28, flowing 108 barrels per hour at 6,060 feet. These give Miller county 16 producing wells.

Standard of Louisiana's No. 1 McKean, section 8-16-22, Columbia county, Ark., wildcat is drilling below 7,150 feet and Tidewater Associated's No. 1 Crumpler, section 14-17-19, Columbia county, is drilling below 4,050 feet. In the same county Kerlyn Oil Company's No. 1 Barnett, section 14-17-20, is drilling below 1,100 feet. A great deal of trading continues in this county.

C. & M. Oil Company has spudded and is drilling below 800 feet in No. 1 Arnold, section 23-9-30, Sevier county, Ark. In Hempstead county, C. W. Hayes et al have shut down at 1,600 feet in No. 3 State of Arkansas, section 20-13-26.

Southern Liberty Pipeline Company is extending its six-inch line from Rodessa to the Miller county extension and will connect with Layton Oil Company and Texas Canadian Oil Company's Miller county wells. East Texas Refining Company has shut down work on its line from McCoy's station in the Rodessa field to Texas Pipeline Company's receiving station in the southern part of Rodessa, to secure more right of way.

Operations in the Texas side of Rodessa were featured last week by completion of the fourth oil producer in the Jefferson end of the field in Marion county. The new well is Shell Petroleum Corporation's No. 1 Lizzie Henderson, R. Bennington survey, which gauged 534 barrels of oil in 24 hours through quarter-inch choke at total depth of 6-14 feet. Shell has already applied for a permit for a second test. This was the seventeenth oil well for the Marion county part of Rodessa. Seventeen operations are under way there in the Jefferson part of the field and on the Lodi nose.

Arkansas-Louisiana Gas Company (Cities Service) is moving in materials four miles northeast of Jefferson in the Heirs of Hanks survey for a high pressure gasoline absorption plant with 15,000 gallons daily capacity. Some old and some new equipment will be used.

Daily Production.

Daily average oil production in the tri-state Rodessa field totaled 86,575 barrels this week, divided among the parts of the three states making up that field, as follows: Louisiana, 46,169 barrels; Arkansas, 6,771 barrels; and Texas, 33,635 barrels.

North Louisiana's total daily average, including the Louisiana side of Rodessa, was 76,785 barrels, of which 6,756 represented the only pipe line runs from the Lisbon field, where Gulf Refining Company recently reduced purchase to 5,000 barrels daily.

Arkansas's average last week, including the Miller county extension of Rodessa, was 40,595 barrels, including 7,850 barrels from Schuler, Union county.

Big Lime Hit, Is Belief in Shuler Field

Long Sought Oil Producing Stratum Tapped by Lion Company.

El Dorado—The "Big Lime", object of deep sand drilling during the past few months, was believed to have been encountered in the Shuler field, southwest of El Dorado, Saturday.

A core taken on the Morgan A-1 of the Lion Oil Refining Company, from a depth of 7,598 to 7,608 feet, which showed heavy gas saturation in the bottom two feet, in a lime formation, gave evidence that the "Big Lime" which is expected to contain oil in large quantities has been reached and that oil formations will be encountered in the next few feet.

In a core from 7,588 to 7,598 feet the last foot of the core was limey sand.

The next core was taken Saturday morning from 7,598 to 7,608 feet, with the bottom part of the core "cutting easy," indicating a break in formation. The top of the core was sandy lime formation and the bottom two feet were lime with heavy gas saturation.

Operators were reported planning to core ahead with expectations of coring in an oil saturated lime formation in the next few feet.

Showing of the well Saturday morning caused intense excitement in El Dorado and there was an air of optimism over prospects of obtaining big production from the lime which has been the object of drilling operations in the Shuler field for some time.

The Lion well was originally planned for a test to the lime but encountered production at about 5,600 feet and was completed at that depth. Other tests were drilled to that level and 13 producers were completed.

Another test, the Marine No. 1 of Jones, Murphy and Hurley, in section 17-18-17, a mile east of the Lion well, failed to get production at the higher level and was drilled with prospects of going to the lime, but encountered 53 feet of solid oil sand at 7,552 to 7,605 feet and was completed as a big producer at that depth.

The Lion test cored 70 feet of solid oil sand from 7,500 to 7,570 feet but operators decided to continue coring operations to the lime.

Coincident with the Lion test reaching the lime formation, it was learned Saturday that the Marine Oil Company, which completed the second producer in the shallower sand, will drill another test on the same lease to the lime formation. The test will be the Justiss No. 2, 100 feet east of the No. 1 producer. It will be located 430 feet east and 330 feet north of the southwest corner of lot seven, in the northwest quarter of section 18-18-17. Operations are expected to be started on the test in a short time.

The Jones et al. Marine test produced 1,382 barrels of oil on a 28-64 inch choke with casing pressure of 2,590 pounds and tubing pressure of

750 pounds. Water and basic sediment production dropped to 16 per cent of the well's flow.

The same operators are expected to start drilling operations Sunday morning on their Marine No. 2, a 660-foot north offset to the producer. The same operators are rushing preparations on two more tests, one northeast of the No. 2 and the other southeast of the No. 1 well.

The Lion Company is also rushing preparations for a direct west offset to the Marine No. 1, and drilling is expected to get under way soon.

May Drill Near Cabot.

Cabot—T. J. Cullor of Carlisle and J. F. Hudson of Little Rock are negotiating for oil leases northwest of Cabot and they will put drilling equipment on the ground and begin o9 [illegible] at an early date.

The intensive period of the mobilization, which is sponsored by 36 national and 8,500 local health and welfare organizations in 400 cities.

Deep Gusher Near Magnolia Tops the News

Democrat 10-17-37

Oildom in Two States Perks Up—Believed Permian Lime Hit.

Shreveport, La.—An impetus to deeper drilling for Arkansas, north Louisiana and East Texas, was given the past week by developments in Columbia county, Ark., in the northwest "trend" from the Schular field, Union county, Ark.

In what probably is the top of the Permian lime, often referred to as the "Big Lime," Standard Oil Company of Louisiana's No. 1 J. P. McKean, section 8-16-22, showed 1,680 feet of 31.2 gravity oil in a 20-minute drill stem test from 7,151 to 7,204 feet. Operators then ran an electrical logging device, made velocity test and reamed down to set seven-inch casing which was run Thursday.

That the exploration campaign in the Schuler "trend" will extend from Hempstead county, Ark., on the northwest to central Louisiana to the southeast paralleling the west flank of the Monroe uplift, appears assured. Furthermore, the showing of oil in the Permian in Columbia county, will cause exploration of that horizon in other established highs producing from upper horizons.

Arkansas's first Permian production was found early in 1936 at Snow Hill, Ouachita county, just below 4,900 feet, but salt water caused cessation of drilling there after five gas-distillate wells were completed.

Shuler's first objective was Permian lime but the discovery well, Lion Oil Refining Company's No. 1 Edna Morgan, logged a good saturation at 5,559 feet and the well was completed at that level. Subsequently twelve other wells were completed in five sparate leases from that depth to 5,900 feet, some of which carried some salt water.

Only recently, Edwin M. Jones' No. 1 Marine Oil Company, section 17-18-17, south of Shuler production, was completed in the lower horizon, and still later Lion's No. 1 Morgan, discovery well at Shuler, was deepened to this horizon, logging 70 feet of lower Marine saturation. This well was taken to the Permian lime, topped at 7,597 feet, and this week after drilling to 7,684 feet, with a break in the lime where gypsum began to appear in the lime, halted, and seven-inch casing was set on bottom for perforation, probably in the lower Marine. This well checked 45 feet higher than Jones' discovery lower Marine well, which has carried some salt water, origin of which is undetermined, but is netting still over 1,300 barrels of oil daily through choke.

Since Lion's test was deepened to the lime with the large saturted zone in lower Marine, preparations have been started to deepen three other of the producers at Shuler and six new tests have been started.

Miller Has 21 Producers.

Miller county, Arkansas's end of Rodessa added five new producers this week to boost the total there to 21 wells, with 31 active operations underway in that part of the state.

So far no allowables have been issued by the Arkansas Board of Conservation for Miller county, but a hearing has been called for October 22 at 10 a. m. at El Dorado to hear operators discuss the question of allocating production. The hearing was originally scheduled for October 18 but was postponed.

The five producers completed this week in Miller county are: Freeman W. Burford's No. 1 Ahern, section 10-20-28, flowing 35 barrels per hour at 6,107 feet; Hunt Oil Company's No. 1 Womack, section 10-20-28, pumping 175 barrels daily at 6,130 feet; Roger Lacey's No. 1 Grogan, section 15-20-28, 50 barrels per hour at 6,041 feet; W. L. McClanahan's No. B-1 Capps, section 12-20-28, 65 barrels per hour at 6,053 feet and Roberts Brothers' No. A-3 Capps, section 10-20-28, 45 barrels an hour at 6,111 feet. Besides these McClanahan added No. 5 and No. 3 Capps, both in section 11-20-28, as god wells, both awaiting 24-hour gauge.

Cnief interest in Miller county centered on Freeman W. Burford's No. 1 August, section 8-20-27, two and one-half miles east of production which was acidized at plugged back depth of 6,165 feet, and flowed several hours when opened and then went dead. Later it swabbed and headed considerable oil but will be re-acidized.

Counting the completed wells, Miller county had 30 drilling operations besides three other active locations.

F. F. Meadows, who has been assembling a block of several thousand acres around section 7-22n-8w, Claiborne parish, between the Haynesville and Cotton Valley fields, has assigned the block to Magnolia Petroluem Company. This company, rumors persist, will soon drill a lower Marine test in the old Shongaloo field, township 23 north, range 9 west, Webster parish.

Chief interest the past week in tne border counties of east Texas, outside the Rodessa offshoots in Cass and Marion counties, centered in two deep tests in Panola county, one of which cemented final casing string and the other was preparing to do so. Both have been drilled "tight."

Just across the Louisiana line, Danciger Oil and Refining Company set five and three-sixteenth inch casing at 6,350 feet in No. 1 Tatum, Alfred Bissell Survey, with total depth of 6,514 feet. In the Thomas Applewhite Survey Magnolia Petroleum Company tried to run seven-inch casing in No. 2 E. A. Hull, but it lodged at 6,000 feet and operators brought out the pipe, reconditioned hole and will run five and-three-sixteenth inch casing. To tal depth is 8,717 feet in the lowei Marine.

Arkansas Output Gains.

Total cumulative production from the Rodessa field to October 1 was 48,037,076 barrels, divided among the parts of three states comprising the field, as follows: Arkansas, 242,103 barrels; Louisiana, 34,079,221 barrels, and Texas, 13,715,752 barrels.

Daily average production last week in Rodessa was 83,091 barrels divided among the three states as follows: Arkansas, 10,598 barrels; Louisiana, 44,009 barrels, and Texas, 24,484 barrels.

The average per well production on the Arkansas side of the Rodessa field last week was 505 barrels and on the Louisiana side, 108 barrels; and on the Texas side, 81 barrels, or a per well average for the entire field of 106 barrels.

Total daily average production last week in north Louisiana was 73,260 barrels and in Arkansas, 42,985 barrels, including 6,295 barrels daily from Shuler. The north Louisiana total includes 5,373 barrels of runs from the Lisbon field, where wells are pinched in to a ratable outlet on a basis of 5,000 barrels daily.

ed at fifteen million cubic feet daily. Six other wells are drilling for the Big Lime in the Shuler field.

Production from the 793 wells now completed in the three state Rodessa district averaged 108 barrels daily. With total field average 85,903 barrels daily. In the Miller county, Ark. extension area, with 25 oilers, the per well average was 544 barrels daily. The Louisiana sectors 414 producers had total average yield of 44,281 barrels. While the Texas sector's 354 wells had per well average of 79 barrels.

A daily allowable of 10,000 barrels for November, with top allowable 400 barrels per well, was announced Saturday by the Arkansas Conservation board of the Miller county Rodessa extension.

Five operations neared the producing zone in the Miller county extension area of the Rodessa field as testing continued at several others.

In Ouachita county, Ark., Benedum and Trees Oil Company abandoned Slaughter No. 1, section 24-14-19, at 3,001 feet. In Franklin county, Ozark Natural Gas Co., abandoned as dry its L. C. Weller No. 1, section 18-8-28, at 2,600 feet. The latter well showed gas at 1,560 and 2,427 feet.

Daily average oil production the past week in north Louisiana totaled 73,900 barrels, of which 44,281 barrels was from the Louisiana side of Rodessa. The total also included 5,372 barrels representing the pipeline runs for the week from the Lisbon field.

Daily average production in Arkansas last week was 46,955 barrels of which 13,602 barrels was from the 25 wells in the Miller county, Ark., extension of Rodessa and 7,220 barrels from Shuler.

OIL NEWS

Oil Fraternity Awaits Shuler Field Hearing

Special to the Gazette. 10-31-37

El Dorado, Oct. 30.—With operators in the Shuler area west of El Dorado in Union county pushing drilling activities and none of the wells expected to reach the new deep producing levels before early next week, interest of the oil fraternity this wek centered on proration with a daily allowable of 10,000 barrels already set by the Conservation Board for the Miller county Rodessa extension and another meeting set for Friday to consider "rules and regulations for Shuler." Some oil men in El Dorado were of the opinion that the meeting scheduled for next week may mean proration of the Shuler field.

The Conservation Board in a special meeting here last week set a daily production allowable of 10,000 barrels for the Miller county field, which now has 32 producing wells. Gas-oil ratio cannot exceed 2,000 to 1.

The allowable per well, according to the rules of the board, is to be based half on acreage and half on bottom hole pressure. The maximum production from any single well would be 400 barrels per day on a 40-acre tract with maximum hole pressure. The proration order is effective November 1 until other regulations are adopted.

Since the proration order was issued, a protest has been voiced by a group of operators in Miller county and a protest meeting was held at Texarkana Wednesday night at which land owners, royalty owners and independent operators in Miller county signed a petition to be sent to Gov. Carl E. Bailey protesting the allocation order of the board.

O. C. Bailey, chairman of the Conservation Board, stated at El Dorado Thursday that no opinion of the attorney general had been sought as to the legality of the board's action and no meeting of the board is contemplated before the meeting at El Dorado Friday.

32d Producer Brought In.

While the proration was being aired, the 32d producer in the Miller county field was completed, the Capps Bros. No. 4 test of W. L. McClannahan in section 11-20-28, flowing at a rate of about 30 barrels an hour.

F. W. Burford is acidizing his G. G. Gerrald 2-B well in section 15-20-28 and completion is expected this weekend. Swabbing operations on the Skipper No. 4 test of Anding & Byrd are under way and the test in section 11-20-28 is expected to be completed in a few days. Operators have drilled plug and started swabbing operations on the J. O. Gerrald No. 1 of J. R. Ostrom in section 15-20-28.

In the Shuler area two tests deepened from the shallow production at 5,600 to 6,000 feet are expected to start coring for the deep sand below 7,500 feet early next week. The tests are the D. S. and J. C. Morgan No. 2 test of the Alice Sidney company located in the southeast corner of the northeast quarter of the southeast quarter of section 18-18-17 which is drilling below 7,000 feet and the Ed Gan No. 1 test of the Phillips Petroleum Company situated in the southwest corner of the southeast quarter of the northeast quarter of section 18-18-17 drilling below 6,900 feet.

The first producer from the deep level is the Marine No. 1 test of Jones, Murphy & Hurley, located in the northwest corner of the southwest quarter of the southeast quarter of section 17-18-17 which is producing in excess of 2,550 barrels daily on a two-inch choke from a depth of 7,554 to 7,574 feet.

The other producer is the Morgan A-1 test of the Lion discovery well in the Shuler area, completed as a producer in the 5,600-foot sand and later deepened to the "big lime." The well is pinched back on a 4-64 inch tubing choke and is used mainly as a gas well to supply gas for drilling rigs in the Shuler field and for the Lion's refining plant here. The well is producing 200 barrels daily of high gravity distillate of above 60 gravity.

Jones, Murphy & Hurley are drilling two additional tests in the area and are rigging up on a third.

The Lion company is drilling one additional test and is rigging up on three others. Drilling is under way below 2,300 feet on the Marine No. 1 test, while rigging up is under way on the Morgan B-3 test, the D. S. and J. C. Morgan C-1 and the Morgan B-4 test.

The Marine Oil Company is drilling below 3,800 feet in its Justiss No. 2 test 430 feet east and 330 feet north of the southwest corner of lot seven in the northeast quarter of section 18-18-17. The Phillips company is drilling below 1,700 feet in the Jennings No. 1 test in the northwest corner of the southwest quarter of the northeast quarter of section 18-18-17.

14 Shuler Wells Producing.

Present production from the Shuler field is 7,655 barrels daily from 14 producers, 12 of which are producing from the Morgan sands from 5,600 to 6,000 feet.

After being drilled 15 feet deeper in the Periman lime formation at a total depth of 7,214 feet, the McKean No. 1 test of the Standard Oil Company in section 8-16-22 in the Buckner area of Columbia county near the Lafayette county line is producing at the rate of about 16 barrels of oil per hour. The oil is of 33.9 gravity with a gas-oil ratio of 400 to 1.

Another test in Columbia county attracting interest is the Crumpler No. 1 test of the Tidewater company in section 24-17-19 near Village, said to be checking with that of Shuler wells. The test is drilling below 6,000 feet. The Barnett No. 1 test in section 14-17-20 south of Magnolia is drilling below 3,500 feet and the Mary Dennis No. 1 of E. O. Olds in section 14-17-21 is drilling below 4,000 feet and is expected to be taken below 7,000 feet.

Six New Permits Issued.

Six new permits to drill were issued by the state Conservation Department this week. One permit was transferred and log of one well was filed.

The Lion Oil Refining Company obtained permits to drill three wells in the Shuler area of Union county in section 18-18-17. They are the Edna Morgan B-3 test 430 feet west and 330 feet south of the northwest corner of the northwest quarter of the section; the Edna Morgan B-4 330 feet east and 330 feet south of the northwest corner of the southwest quarter of the southeast quarter of the section and the D. S. and J. C. Morgan C-1 test 330 feet south and 330 feet west of the northeast corner of the southeast quarter of the southeast quarter of the section.

The Arkansas Southern Oil Company obtained permit to drill the G. G. Simmons No. A-1 test located 330 feet north and 330 feet west of the southeast corner of the northeast quarter of the northwest quarter of section 15-18-13 in Union county.

The Ozark Natural Gas Company obtained permit to drill the B. H. McDonald No. 1 test 660 feet west and 1,260 feet south of the northeast corner of the northeast quarter of section 21-8N-29W in Sebastian county.

The Phillips Petroleum Company obtained permit to drill the J. M. Jennings No. 1 test 330 feet from the north and west lines of the south half of the west third of the northeas t quarter of section 18-18-17 in Union county.

Permit issued to C. E. Browder for the C. H. Sartor No. 1 test 660 feet from the east and west lines equidistant from the north and south lines of the south five acres of the northeast quarter of the northeast quarter of the fractional section 15-20-28 in Miller county was transferred to Lacey and Riley.

Benedum and Trees filed log of the G. W. Slaughter No. 1 test located 1,320 feet south and 300 feet east of the northwest corner of section 24-14-19 in Ouachita county, which was abandoned as a dry hole at a depth of 3,000 feet.

Review of Arkansas Oil Fields

Columbia Well Reported as In New Field

Democrat 10-24-37

Recognized as Established—Shuler Well in New Pay Zone.

Shreveport, La.—The discovery of a new producing area and the assurance of a new pay zone, both in south Arkansas, were features in the Ark-La-Tex territory the past week.

Standard of Louisiana opened the new field with its J. P. McKean No. 1, section 8-16-22, Columbia county. The well was reopened Saturday on small-sized choke, through which process the company hopes to further clean out mud and wash water in the hole. Before crude was pumped in, the well was flowing twelve barrels of 30 gravity oil, hourly, through one-half inch choke. At present depth it is only seven and a half feet into the porous lime section with tight lime just above.

The new pay zone was assured with Lion Oil Refinery Company's Morgan A-1, section 18-18-17, in the Shuler field, Union county. On a 17-hour gauge, ending early Saturday, this well produced 280 barrels of distillate through a 16-64-inch choke, and flow of gas was estimat-

Review of Arkansas Oil Fields

LaFayette and Columbia New Focal Points

Democrat 10-31-37

Oil Men, Wrangling Over Proration, Watch South Arkansas.

Shreveport, La.—Pro-ration problems, quiescent in the Rodessa field, for several months, like Banquo't ghost, reappeared on the horizon this week. The problem as it has arisen at this time affects the Arkansas and Louisiana parts of the three-state area.

Hardly had the Arkansas Board of Conservation issued an order for November, limiting production in Miller county to 10,000 barrels daily for next month on a basis of 37 wells, 25 having been completed as producers, than a number of operators started a protest movement declaring the field was not yet ready for pro-ration. The order was issued after an all-day hearing held at El Dorado at which petroleum engineers familiar with Rodessa conditions advised limiting November production to 10,000 barrels.

Meanwhile, the Louisiana Conservation commission called a hearing at Shreveport October 29 to discuss allocations for that part of Rodessa which has 450 producers, more than the combined number of wells in Arkansas and Texas.

In setting the 10,000-barrel allowable for the Miller county, Ark., end of Rodessa for November, the board of conservation based the allocation 50 per cent on acreage and 50 per cent on bottom hole pressure, with 3,400 barrels alloted to acreage and 6,592 barrels alloted to bottom hole pressures. The acreage factor is set at "one acre equals five barrels," and the bottom hole pressure factor at "one pound equals 0.105 barrels." The average daily per well on the basis of 25 wells at present is 544 barrels, being 13,602 barrels for the 25 wells.

Prompting of the calling of a hearing by the Louisiana Conservation commission at Shreveport Friday was the reported "excessive waste of natural gas" on the Louisiana side of this field. It was in September, 1930, that the Louisiana commission first put into effect rules governing production to eliminate excessive waste of gas.

Recently over 50 wells have been closed in for varying periods due to their having exceeded their allotments, to give them time to "catch up" on the monthly allocation basis.

At present only 14 active operations are under way on the Louisiana side of Rodessa, as compared to 40 in Texas and 30 in Miller county, Ark.

Louisiana's side failed to add a well last week. Gulf Oil Corporation's No. 2 Campbell, section 4-23n-16w, on the northwest edge of production, swabbed dry after acidizing and later was fishing for swab.

An old field that is expected to get a deep test, possibly to 10,000 feet, soon is the west Zwolle (Blue Lake) area in Sabine parish. Charles H. Lawrence, Jr., and associates have assembled a block of several thousand acres around section 14-7n-14w, and are negotiating with a well-known independent company to drill the deep test. Four producing wells were completed at the 2,100-foot level in the old Blue Lake field in this section, the discovery well of Zwolle being one of them. They were abandoned several years ago after producing for four or five years.

Daily average oil production in north Louisiana last week was 76,265 barrels of which 45,219 barrels was from the Louisiana side of Rodessa and 5,366 barrels represented daily average runs in the Lisbon field.

Arkansas average last week was 48,645 barrels, of which 15,109 barrels was from the Miller county extension of Rodessa. Shuler had an average of 7,256 barrels.

The Texas side of Rodessa averaged 28,190 barrels daily last week. Daily average production for other fields for the last 30 day period in the two states follows:

North Louisiana—Caddo, light, 4,190; Caddo, heavy, 2,980; Red River-DeSoto, 1,480; Elm Grove, 335; Sligo, 310; Homer, 2,370; Haynesville, 3,020; Cartersville, 306; Cotton Valley, 4,000 barrels; Zwolle-Converse, 1,240; Urania, 2,770; Pleasant, 120; Holly, 115; Bellevue, 770.

Arkansas—El Dorado, 1,400; Calion, light, 1,360; Calion heavy, 1,630; Lisbon, 29; Smackover, light, 2,130; Smackover, heavy, 16,315; Stephens, 525; Shuler, 6,390; Camden, eight; Irma, 1,015; Troy, 1,015; the latter two being in Nevada county.

E. T. (Rebel) Oakes, H. D. Easton and associates, the two former being discoverers of the Lisbon field, Claiborne and Lincoln parishes, are rigging up for a 6,000-foot wildcat test on a 6,000-acre block located in parts of Jackson, Lincoln and Ouachita parishes, in the North Louisiana basin, near the west flank of the Monroe uplift. Contract has been let to A. O. Olsen. The test is No. 1 Griggs, section 36-18n-1w, Lincoln parish. Spudding date is November 1.

The lower Marine 8,000-foot horizon at Cotton Valley added its twentieth and twenty-first producer this week, both of them extending production. Both were operations of Ohio Oil Company. Its Bodcaw 47, Account 2, SE section 15-21n-10w, completed at 8,459 feet, gauged 183 barrels of distilate in 14 hours through 5-16 inch tubing choke and three million feet of gas daily, to extend production a half mile northwest, while to the northeast the same company's No. 1 D. W. Merritt, SW 14-21n-10w, was completed at 8,365 feet, flowing 364 barrels in first 17 hours.

McKean Well Completed.

Standard Oil Company of Louisiana, after deepening No. 1 J. P. McKean, section 8-16-22, Columbia county, Ark., wildcat 10 feet to 7,214 feet in Permian lime, completed it at that depth, flowing 397 barrels on first 24-hour gauge through open tubing, tubing pressure varying from 20 to 25 pounds and casing pressure being 245 pounds. The well at 7,204 feet, also in the lime, flowed 13 1-2 barrels per hour.

The Shuler district's first Permian lime producer, Lion Oil Refining Company's No. A-1 Edna Morgan, section 18-18-17, Union county, also continued to produce steadily, making gas and distillate after casing was perforated at 7,608 to 7,635 feet with total depth of 7,684 feet. Thirteen operations, either reopening of wells producing from the 5,500-5,900-foot horizon or new tests are drilling in that area now for the Permian lime.

In 12 hours Lion's A-1 Edna Morgan gauged 342 barrels of 61 gravity distillate through quarter-inch tubing choke, with gas estimated at 10 million feet daily, or an open gas flow estimated at 75 million feet. Had the well been perforated at another level in the lime it is believed it would have been an oil well.

Columbia and LaFayette counties continue to be a hot-bed of leasing activity in the wake of the Standard's No. 1 J. P. McKean. The most favored Arkansas play at present is in Eastern LaFayette county around township 18, ranges 21, 22 and 23. Farther southeast in the "Shuler trend" an early test is expected to be drilled by Standard of Louisiana on a block in township 23 north, ranges 1 and 2 west, Union parish, La.

The Arkansas Board of Conservation has called a hearing at El Dorado at 10 a. m. November 5 to discuss allowables and rules for the Shuler field.

In Columbia county, Ark., Tidewater Associated's No. 1 C. N. Crumpler, section 24-17-19, was drilling below 5,943 feet, having found no sand corresponding to the 5,500-5,900-foot lensed sands at Shuler. In Calhound county, Hayner et al were drilling below 2,087 feet in No. 1 Brandon, section 34-11-13.

A three-quarter mile northwest the Rodessa field in Marion county, extension of the Jefferson nose of Tex., loomed the past week in George Barham's No. 1 Whitfield, R. Bennington survey, in which casing was run after 10 feet of saturated Henderson formation was cored just above bottom of hole, which is 6,087 feet. The well was far enough down flank to have oil in the Henderson zone just above the Gloyd, which in the Jefferson discovery well showed gas and distillate. Gulf was testing No. 2 Henderson, same survey, at 6,061 feet.

OIL NEWS

Coring Starts This Week On Two New Tests

Special to the Gazette. 11-7-37

El Dorado, Nov. 6.—Coring operations on two tests in the Shuler area were expected to be started this week below 7,500 feet in search of production from the new deep sand from which one well has been completed, and several additional tests are drilling ahead and numerous others expected to be started soon.

Coring operations were to be started this week-end on the D. S. and J. C. Morgan No. 2 test of the Alice Sidney company and the Ed Gan No. 1 test of the Phillips Petroleum Company, both located in section 18-18-17. Both produced in the shallow Morgan sand at about 6,000 feet and were deepened to

the new formation. The coring operations were to be started about 7,500 feet, at which level the deep sand was encountered by Jones, Murphy and Hurley on their Marine No. 1 test in section 17-18-17 half a mile to the east, which is producing 2,500 barrels of oil daily from casing perforations from 7,554 to 7,574 feet.

Lion Still Biggest Producer.

The Lion continues to be the biggest operator in the field with three rigs drilling, another rigging up and another being prepared to deepen from the shallow formation.

Rigging up is under way on the Justiss A-1 test in the northeast corner of the northwest quarter of the northeast quarter of section 19-18-17 which is to be deepened from 6,012 feet. Drilling is under way below 2,500 feet on the Morgan B-3 of the Lion located 430 feet west and 330 feet south of the northeast corner of the northwest quarter of the southeast quarter of section 18-18-17 and drilling is under way below 4,350 feet on the Marine No. 1 test in the northeast corner of the southeast quarter of the southwest quarter of section 17-18-17. Drilling has been started and surface casing set in the Morgan C-1 test in the northeast corner of the southeast quarter of the southeast quarter of section 18-18-17 and rigging up is nearing completion on the Morgan B-4 located in the northwest corner of the southwest quarter of the southeast quarter of section 18-18-17.

Jones et al. are drilling ahead on two tests in section 17-18-17 and have made location for a third. The Marine No. 2 test in the southwest corner of the northwest quarter of the southeast quarter of the section is drilling below 6,300 feet and the Marine No. 4 test in the southeast corner of the southwest quarter of the southeast quarter of the section is drilling below 4,400 feet. Location has been made for the Marine No. 3 in the northeast corner of the northwest quarter of the southeast quarter of the section.

The Phillips company is drilling on one additional test and is preparing to start operations on two more, all located in section 18-18-17. The Jennings No. 1 has resumed drilling below 1,400 feet after plugging back to that depth from 1,700 to straighten hole. The test is located in the northwest corner of the southwest quarter of the northeast quarter of the section. Rigging up is nearing completion on the Justiss No. 2 test 330 feet west and 430 feet north of the southeast corner of lot six in the northwest quarter of the section and the Marks No. 2 located 330 feet south and 430 feet west of the northeast corner of lot two in the southwest quarter of the section. Both tests are 100-foot off-sets to No. 1 producers of the same name from the shallow sand.

The Alice Sidney Company has started drilling on its Morgan No. 3 test located 430 feet south and 330 feet east of the northwest corner of the northeast quarter of the southeast quarter of section 18-18-17, a 100-foot south offset to its No. 1 producer from the shallow sand.

The Marine company is drilling below 4,400 feet on its Justiss No. 2 test 330 feet north and 430 feet east of the southwest corner of lot seven in the northwest quarter of section 18-18-17, a 100-foot east off-set to its No. 1 producer in the shallow sand.

No tests have been started in the Shuler field outside the proven area, which is confined to sections 17, 18 and 19 in township 18 south, range 17 west. Unconfirmed reports were received here this week that a test has been located in section 22-18-17 three miles southeast of the discovery well, but no permit has been issued.

Little Outpost Drilling.

The product on trend from Shuler is believed to extend northwest from Shuler toward the Buckner area of Columbia county where the Standard company is working on its McKean No. 1 test in the big lime and southeast of the area to the Lisbon area of North Louisiana, where numerous producers have been completed. However, there has been little tendency on the part of operators, independent or major, to drill outpost tests, all being content to drill in the proven area.

Another well was completed, two others are nearing completion in the Miller county extension of the Rodessa field and two more increased their production after being treated with acid.

The Treadway No. 1 of the Potter Drilling Company in section 10-20-28 was completed as a producer of 20 barrels an hour and the Mabel and Wommack No. 4 of the Hunt Oil Company in section 10-20-28 and the A. A. Capps E-1 of F. W. Burford in section 13-20-28 are near completion. The J. P. Greer No. 1 of W. L. McClannahan in section 11-20-28 increased its production from 150 barrels a day to 750 barrels a day after being treated with acid. Similar results were obtained on the Capps B-1 of McClannahan in section 12-20-28, which increased its flow from 350 to 750 barrels a day.

Following intervention by Gov. Carl E. Bailey, the Arkansas State Board of Conservation postponed the effective date of the allocation order for the Miller county field from November 1 to November 16 and set Friday for an open hearing to take testimony to determine whether the proration order adopted October 23 shall become effective November 16.

C. H. Thigpen, a petroleum engineer, has been employed by the Conservation Department and has been assigned to the Miller county field to assist operators in taking bottom hole pressure tests and gas-oil ratios and it is expected that he will be a witness at the meeting Friday.

Operators on the McKean No. 1 test of the Standard Oil Company in section 8-16-22 in Columbia county continued coring below 7,244 feet after the well flowed 370 barrels in 24 hours from 7,234 feet.

In section 18-16-14 in Union county northeast of El Dorado W. D. Wingfield and associates have set casing at 2,720 feet for final testing of their Southern Kraft No. 2 test. No drill stem test was made of the formation, but it was similar to that encountered at the same level in the No. 1 test which was junked below 5,000 feet when the hole was lost. Plug is expected to be drilled early next week.

Ten New Permits Issued.

Nine permits to drill and one to deepen were issued by the state Conservation Department this week. Two permits were transferred and three logs were filed.

W. D. Wingfield, trustee obtained permit to drill the Southern Kraft No. 1 test located 200 feet east and 100 feet north of the southwest corner of the southwest quarter of the northeast quarter of section 18-16-14 in Union county.

The Phillips Petroleum Company obtained permits to drill the Marcus Justiss No. 2 test 330 feet west and 430 feet north of the southeast corner of lot six in the northwest quarter of section 18-18-17 and the T. P. Marks No. 2 test located 330 feet south and 430 feet west of the northeast corner of lot two in the southwest quarter of section 18-18-17, both located in Union county.

Hearrell and Burnet obtained permit for the Willie Wallace No. 1 test 495 feet north and 214.5 feet west of the southeast corner of the northwest quarter of the southeast quarter of section 7-20-27 in Miller county.

W. L. McClannahan obtained permits for the T. J. Hopkins B-1 test 330 feet north and 330 feet east of the southwest corner of the southwest quarter of the northeast quarter of section 11-20-28 and the A. A. Capps B-2 test located 330 feet north and 330 feet east of the southeast corner of the southwest quarter of the southwest quarter of section 12-20-28 both in Miller county.

W. C. Feazel obtained permit for the J. E. Eason No. 1 test 330 feet north and 660 feet west of the southeast corner of the northwest quarter of the southwest quarter of section 12-20-28 in Miller county.

Lacy and Riley obtained permit for the J. W. Gorgan No. 2 test 330 feet south and 330 feet west of the northeast corner of the north 40 acres of the east half of the west half of section 15-20-28 in Miller county.

The Alice Sidney Oil Company obtained permit for the D. S. and J. C. Morgan No. 3 test 430 feet south and 330 feet east of the northwest corner of the northeast quarter of the southeast quarter of section 18-18-17 in Union county.

The Lion Oil Refining Company obtained permit to deepen the M. D. Justiss No. 1 test 330 feet south and 330 feet west of the northeast corner of the northwest quarter of the northeast quarter of section 19-18-17 in Union county.

Permits for the J. N. Thomas No. 1 located 330 feet east of the west line and 330 feet south of the north line of the northwest quarter of section 12-20-28 and the J. N. Thomas No. 2 test located 330 feet east of the west line and 330 feet north of the south line of the southwest quarter of the northwest quarter of the southeast quarter of section 12-20-28 both in Miller county were transferred from K. Hughes to the Texas Canadian Oil Corporation.

Logs were filed by Roberts Brothers for the W. W. Capps A-2 and the W. W. Capps A-3 in Miller county and the Lion Oil Refining Company filed log of the depened Edna Morgan A-1 test in Union county.

Review of Arkansas Oil Fields

Wildcatters Searching for Permian Lime

Democrat 11-7-37

Follow Strike in Columbia—Arkansas Yield 47,775 Barrels.

Shreveport, La.—A revival of wildcat exploration, occasioned by recent developments in the Permian lime horizon of Columbia county, Ark., where 49 feet of a producing horizon has been proven by Standard Oil Company of Louisiana in a test there now below 7,200 feet, has reached across the Louisiana line, and more exploration and leasing were reported the past week than for several months past.

A 6,000-foot wildcat test on the south end of the Sabine Uplift was announced this week when Arkansas Fuel Oil Company (Cities Service) began rigging up for No. 1 Franklin Realty Company, NE NW section 20-11n-9w, on a block of several thousand acres recently completed in Red river parish, where location is extending across the line into Natchitoches parish.

In the same two parishes around section 24-13n-8w, Shell Petroleum Corporation has been taking leases on an extensive scale recently. Magnolia Petroleum Corporation and Shell have also shown a great deal of interest in leasing along the Louisiana-Arkansas line north of the old Cartersville-Sarepta shallow field in Bossier and Webster parishes, and the new Buckner, Ark., permian lime discovery well of Standard of Louisiana. Magnolia did extensive geophysical work around the Cartersville-Sarepta area and most of its more recent leases have been across the Arkansas line in Lafayette county. Shell, however, has been active around section 2-22n-11w, Webster parish.

On the southwest flank of the old shallow Homer field, Claiborne parish, that produces from the Nacatosh and Blossom horizons, F. F. Meadows, who recently turned a large block of leases in Claiborne parish, to Magnolia Petroleum Company, has been leasing more recently around section 33-21n-8w. North of Lisbon, in the same parish, Union Producing Company (United) has been doing much geophysical work recently in township 22 north, range 4 west.

A new producing horizon near the top of the lower Cretaceous red bed series was definitely opened the past week in the Sligo field, Bossier parish, when Triangle Drilling Company's No. A-1 Shuler, section 13-17n-12w, was completed, making 125 barrels of oil daily under air lift, after being acidized, at total depth of 3,118 feet. Hitherto, Sligo's oil production has been confined to six wells producing from basal Glen Rose, at 5,200 feet.

The old shallow chalk rock field at Zwolle, Sabine parish, was extended one and one-half miles south last week when the Hunter Company's No. 1 Bowman Hicks, section 17-7n-13w, was completed at 2,492 feet, flowing 15 barrels per hour through 3-16 inch choke. It was the first flowing well completed in Zwolle in several months.

Lisbon Field Extended.

The Lisbon field, Claiborne and Lincoln parishes, was extended slightly in three directions this week by as many wells, this being the total of new producers on the Claiborne side of the field with one in Lincoln parish. A quarter of a mile south of production, R. L. Bauman's No. 2, C. S. L. Patton, SW NE section 1-20n-5w, was completed, flowing 97 barrels per hour at 5,368 feet, with 16 feet of saturation. About the same distance northwest, A. O. Olsen et al.'s No. 1 H. W. Patton Estate, SE SE section 26-21n-5w, was completed at 5,273 feet, flowing 20 barrels per hour, and to the east the same operators' No. A-4 T. F. Patton, SE SW, section 30-21n-4w, was completed, flowing 80 barrels per hour at 5,197 feet. All three were acidized.

During the last week Grogan Oil Company's pipeline subsidiary completed its six-inch line to the field and was making its connections with the line having been satisfactorily tested with a preliminary run. Gulf Oil Corporation continues to buy slightly over 5,000 barrels daily at Lisbon and Grogan will purchase 7,000 barrels, but this does not care for more than two-thirds of the daily yield of the 142 producers in the field.

E. T. Oakes, H. D. Eaton et al., spudded and cemented 915 feet of 10-inch casing in No. 1 Griggs, section 36-18n-1w, Lincoln parish wildcat. Joe Modisett and associates, who recently sold a half interest in the test to Standard Oil Company of Louisiana, were preparing to set nine and five-eighth inch casings around 4,000 feet in No. 1 Frost Lumber Company, section 14-21n-1e, Union parish wildcat. Total depth is 4,270 feet in red shale.

Well 49 Feet in Lime.

Standard Oil Company of Louisiana, by deepening No. 1 J. P. McKean, SW SW section 8-16-22, Columbia county, Arkansas, wildcat from two producing levels in the top of the Permian lime this week reached the base of the saturated zone at 7,259 feet, having logged a total of 49 1-2 feet of this formation that showed oil. The formation is porous oolitic lime. This well had been completed for 397 barrels daily at 7,214 feet and 370 barrels daily at 7,234 feet, after having gotten 13 1-2 barrels per hour at 7,204 feet. At total depth of 7,259 feet, the last core showed a slightly brackish taste and the hole will be taken no deeper.

Standard is expected to make its next location southwest of the present well on Bodcaw Lumber Company land.

Six new wells were completed in the Miller county (Arkansas) extension of Rodessa to give that area a total of 36 producing wells, with a combined daily yield last week of 14,574 barrels. The allowable order recently promulgated by the Arkansas board of conservation limiting yield for November to 10,000 barrels daily has been postponed until November 16, pending another hearing by operators protesting proration of that field.

Meantime, the Arkansas board of conservation Friday, November 5, held at a hearing at El Dorado to discuss regulations and spacing rules governing the Schuler field, Union county, as regards the two newly-discovered deep producing horizons, the lower Marine and Permian lime. As only one producer has been completed there in each of these horizons no proration was indicated at present.

The two wells nearest the new deep horizons at Shuler are Alice Sidney Oil Company's No. 2 D. S. Morgan, section 18-18-17, and Phillips Petroleum Company's No. 1 Ed Gann, same section, drilling at 7,270 and 7,200, respectively. The tests in Columbia county most closely watched are Kerlyn Oil Company's No. 1 Barnett, in section 14-17-20, drilling below 4,380 feet, Tidewater Associated's No. 1 Crumpler, section 24-17-19, drilling below 6,600 feet, and E. O. Olds' No. 1 Dennis, section 4-17-21, coring below 3,920 feet.

The Jefferson end of the Rodessa field in Marion county, Texas, added its best well last week in Gulf Oil Corporation's No. 2 Lizzie Henderson, R. Bennington survey, which gauged 740 barrels daily at 6,061 feet through three-eighths-inch tubing choke. This was the twenty-third producer for the Marion county end of Rodessa, which now has 20 active operations.

Production Report.

Daily average production in north Louisiana this week was 68,400 barrels and in Arkansas, 47,775 barrels, of which 14,425 barrels was from the Miller county extension of the Rodessa field. Rodessa, La., averaged 40,915 barrels and the Texas side of that field averaged 27,335 barrels, giving the entire Rodessa field a daily average for the week of 82,675 barrels.

The north Louisiana average included 3,272 barrels run by Gulf Pipeline Company, which until this week had the only pipeline outlet for the field. Grogan Oil Company's new line, just completed to the field, did not run any oil during the week.

postponed from November 1 to November 16, pending the second hearing.

In Louisiana, Conservation Commissioner William G. Rankin, conducted a hearing at Shreveport on producing problems in this, the oldest portion of Rodessa, particularly as to the feasibility and desirability of pro-rating by total displacement, that is, by assigning each well a volumetric quota whether of oil, gas or water.

On the Texas side, the railroad commission closed in nine Cass county wells found to be over-producing their gas allowables in order to obtain their oil allowables.

The Rodessa salt water table as of November 1 shows a total of 189 wells in the field making varying amounts of water. Of these 137 are in Louisiana, 51 in Texas, and one in Arkansas, the latter being only a fraction of one per cent.

Wildcatting and geophysical activity in north Louisiana continued to gain momentum for the second consecutive week, as a result of Permian lime and lower Marine discoveries in south Arkansas. In Caldwell parish, Southern Carbon Company is assembling a block of several thousand acres around section 22-14n-4e. In Rapides parish, Tidewater Associated leased 367 acres in one fee in the small Cheneyville field, in township 1 south, range 2 east. In the same parish, The Texas Company blocked approximately 5,000 acres in township 3 north, range 2 east, and in the same parish Ted Madison has blocked twice that amount in townships 2 and 3 north, range 1 west.

In DeSoto parish, Southworth Petroleum Company has leased 4,000 acres around section 1-12n-16w, and in Franklin parish, Continental Oil Company has taken a six months' geophysical option on 6,000 acres in township 12 north, range 8 east. In Lincoln parish, Standard of Louisiana, took a 6,500-acre block in townships 17 and 18 north, range 1 west, and Magnolia is taking small tracts around section 15-19n-2w, Lincoln parish.

In Webster parish, southeast of Cotton Valley, Stanolind Oil and Gas Company, which recently leased 720 acres around section 36-21n-10w, added 400 acres in sections 30 and 31-21n-9w. Harry Hanbury et al. have leased 60 acres in section 27-21n-10w, from R. W. Norton, it is reported.

Two deep wildcat tests in north Louisiana, checked high on important markers last week. Joe Modisett's No. 1 Frost, section 14-21n-1e, Union parish, on a geophysical high, logged top of Travis Peak at 4,050 feet, 250 feet higher than the same marker on a well in section 27-21n-1e. He is drilling under 9 5-8 inch casing set at 4,358 feet.

In Bienville parish, Gulf Refining Company's No. 1 Good Pine, section 25-14n-8w, logged massive anhydrite at 5,303 feet and was drilling below 5,500 feet. One mile south of two other gas-distillate wells in the same area, H. L. Hunt and Seaboard Oil Corporation were testing No. 1 Federal Land Bank, section 10-16n-6w, Bienville parish, Bear Creek district, at total depth of 6,930 feet, after logging gas-distillate saturation at 6,850-60 feet, and apparently it will not be an oil well as had been hoped as it checked almost identically with the gas distillate wells.

The lower Marine gas-distillate producing horizon at Cotton Valley, Webster parish, was extended one mile southeast when A. G. Oliphant's No. 1 Sam Banks, section 34-21n-10w, was completed at 8,187 feet, flowing 12 barrels of distillate per hour through small choke. Ohio Oil Company's No. 1 Coyle-Cox, section 23-21n-10w, was also completed at 8,119 feet, flowing 10 barrels of distillate per hour. This gives the lower Marine in that field 24.

The Lisbon field added two producers, one of which, E. W. Gill et al.'s No. 1 S. M. English, section 29-21n-4w, was completed, flowing 10 barrels hourly at 5,150 feet, without using acid, and extended production a quarter mile eastward. The other was Sloan and Zook's No. 4 Patton, section 1-20n-5w, of same capacity, at 8,292 feet, after acidizing.

The Louisiana side of Rodessa, as a southern offshoot of Arkansas, added two good wells in section 2-23n-16w, the first wells in that particular section. They are about a quarter mile south of the Arkansas offshoot producing area. The wells were completed by Grady Vaughn as No. 1 Yates and Freeman W. Burford as No. 1 Terry.

Operating interest in south Arkansas last week centered in two tests which topped the lower Marine sand at Schuler, Union county, and in Standard of Louisiana's No. 1 J. P. McKean, section 8-16-22, Columbia county.

At Shuler, Alice Sidney Oil Company's No. 2 Morgan, section 18-18-17, topped lower Marine sand at 7,516 feet and was reaming down to 7,554 feet to core ahead after getting some saturation. Phillips Petroleum Company's No. 1 Ed Gan, same section, topped lower Marine sand at 7,530 feet and was coring.

Leasing in Columbia.

Standard's No. 1 McKean finally ran into salt water in the Permian lime, after having been completed four times as a producer in various levels of that horizon and after logging 83 feet of saturated horizon. At 7,309 feet it made 50 barrels of oil in four hours and considerable salt water and will be plugged back to one of the producing levels and possibly acidized. Tidewater Associated No. 1 Crumpler, section 24-7-19, Columbia county, was drilling shale below 7,150 feet and Gerrlyn Oil Company's No. 1 Barnett, section 14-17-20, was drilling below 5,420 feet.

Columbia county continues a hotbed of leasing, with Magnolia Petroleum Company taking leases in Township 20, range 21, and R. N. Turbow leasing in Township 18, range 22. Mid-Continent Petroleum Company is leasing in township 16, range 20. Robert Bowles is reported to have sold half-interest in a 5,000-acre block in this county near Emerson to Selby Oil and Gas Co. of Tulsa, Okla. Shasta Oil Company is doing some leasing in Lafayette county around section 18-16-22.

Daily average oil production this week in the Rodessa field was 82,542 barrels, divided among the three states, as follows: Arkansas, 13,121 barrels; Louisiana, 43,146 barrels, and Texas, 26,275 barrels.

Daily average production for all of north Louisiana, embracing its part of Rodessa, was 70,100 barrels, of which 6,562 barrels were runs from the Lisbon field, which during the week just closed received its second pipeline outlet.

Arkansas's average last week was 44,145 barrels, which included Miller county, Rodessa, and an average of 4,525 barrels from the Shuler field, Union county.

OIL NEWS

Several Shuler Tests Nearing The Jones Sand

Special to the Gazette. 11-14-37

El Dorado, Nov. 13.—Coring operations in the deep Jones sand on two wells in the Shuler area west of El Dorado featured oil activities in South Arkansas this week, while operators on several other tests in the area are nearing the stage at which coring is expected to be started.

The Alice Sidney Company started coring early in the week on its D. S. and J. C. Morgan No. 2 test in the southeast corner of the northeast quarter of the southeast quarter of section 18-19-17 and encountered the Jones sand in a core bottomed at 7,544 feet. The core from 7,544 to 7,554 showed oil saturation with shale. The next core from 7,554 to 7,566 feet showed heavy oil saturation as did another from 7,566 to 7,583 feet. Operators announced plans to continue coring.

Operators on the Ed Gan No. 1 test of the Phillips Petroleum Company topped the Jones sand in a core at 7,533 feet and cored 15 feet of the sand to a bottom of 7,548 feet with heavy oil saturation shown. The test is located in the southwest corner of the southeast quarter of the northeast quarter of section 18-18-17. Both the Phillips and Alice Sidney tests were deepened from the shallow Morgan sands at 5,800 to 6,000 feet.

Nine Other Tests Under Way.

Nines other tests are being drilled in the area, one of which is expected to start coring for the Jones sand soon. It is the Marine No. 2 test of Jones, Murphy and Hurley in the southwest corner of the northwest quarter of the southeast quarter of section 17-18-17, which is drilling below 7,184 feet. The same operators are drilling below 5,850 feet on their Marine No. 4 test in the southeast corner of the southwest quarter of the southeast quarter of the same section and are producing 2,475 barrels of oil daily from their Marine No. 1 discovery well in the deep sand, located in the northwest corner of the southwest quarter of the southeast quarter of the same section.

The Lion Oil Refining Company has completed a producer in the Reynolds lime below the Jones sand and is drilling on four additional deep tests and is rigging up to deepen a test from the Morgan sand at 6,000 feet to the new deep production.

The Morgan A-1 discovery well in the Shuler area has been deepened to the Reynolds lime and is producing 135 barrels of distillate and several million cubic feet of gas daily through a two sixty-fourths inch tubing choke.

The test being deepened by Lion is the Justiss A-1 in the northeast corner of the northwest quarter of the northeast quarter of section 19-18-17. The next deepest well of the Lion Company is the Marine No. 1 test in the northwest corner of the southeast quarter of the southwest quarter of section 17-18-17, which is drilling below 6,520 feet.

Lion is drilling below 4,000 feet in the Morgan B-3 test in the northeast corner of the northwest quarter of the southeast quarter of section 18-18-17. below 2,265 feet in the Morgan C-1 in the northeast corner of the northwest

Review of Arkansas Oil Fields

Proration Has Fraternity on The Defensive

Democrat 11-14-37

Much Discussed in Three States; Columbia Enjoying Boom.

Shreveport, La. — The Rodessa field, located in parts of three states, presented varying production problems to the enforcement bodies of Arkansas, Louisiana and Texas. The past week the Arkansas Board of Conservation Friday at El Dorado held its second recent hearing on the matter of allowables in the Miller county extension of the field which now has 40 producing wells.

A previously promulgated order that total daily yield there was to be held to 10,000 barrels daily, based on bottom hole pressure and half on acreage, had met with such opposition that its date of enforcement was

quarter of the southeast quarter of section 18-18-17 and is drilling below surface casing in the Morgan B-4 located in the northwest corner of the southwest quarter of the southeast quarter of the same section.

The Marine Company is drilling below 5,500 feet on its Justiss No. 2 test, located in the southwest corner of lot seven in the northwest quarter of section 18-18-17, and has obtained permit to drill the Fee No. 3 test 280 feet east and 430 feet north of the southwest corner of the northwest quarter of the southwest quarter of section 17-18-17.

The Alice Sidney Company is drilling below 1,800 feet on its D. S. and J. C. Morgan No. 3 test in the northwest corner of the northeast quarter of the southeast quarter of section 18-18-17;

The Phillips Company is drilling below 2,600 feet on its Jennings No. 1 test in the northwest corner of the southwest quarter of the northeast quarter of section 18-18-17, and is rigging up for the Justiss No. 2 test in the southeast corner of lot six in the northwest quarter of the same section. Location has been made for the Marks No. 2 test in the northeast corner of lot two in the southwest quarter of section 18-18-17 and permit has been issued for the First National Bank No. 1 test in the southeast corner of the northeast quarter of the southwest quarter of section 17-18-17.

Three wells in the Miller county area of the Rodessa field were tested this week, while third string of casing was set on a fourth. Testing is under way on the J. O. Gerald No. 1 of F. W. Burford, and the Gerald No. 1 of Ostrom et al. and the Thomas No. 1 of the Skelly Oil Company. Third string of casing was set in the Hopkins No. 1 test of W. L. McClannahan in section 11-20-28.

In Columbia county the Standard Oil Company obtained showings of salt water in retesting operations on its McKean No. 1 test in section 8-16-22. The hole was deepened 50 feet in the Permian lime to a depth of 7,309 feet and after making 50 barrels in three hours went dead, and operators resumed swabbing. As high as 70 per cent salt water was shown. On previous tests before being deepened, the well flowed 23 barrels hourly through tubing with no show of salt water. Operators have not announced whether the well will be deepened or plugged back.

Four New Permits Issued.

Four drilling permits were issued by the Arkansas State Conservation Department this week and one permit was transferred. Logs of seven wells were also filed.

J. A. Cararas of Shreveport, La., obtained permit to drill the E. B. Mitchell No. 1 test, 224 feet north and 224 feet west of the southeast corner of the southwest quarter of the northwest quarter of northwest quarter of section 11-20-28 in Miller county.

The Ozark Natural Gas Company obtained permit to drill the J. H. McDonald No. 2 test, 290 feet south and 650 feet west of the northeast corner of the northeast quarter of the southeast quarter of section 13-8N-29W in Franklin county.

L. S. Gist of Port Arthur, Tex., obtained permit for the Goodgame No. 1 test 360 feet north and 600 feet east of the southwest corner of the southwest quarter of the northwest quarter of section 26-10-16 in Dallas county.

The Phillips Petroleum Company obtained permit for the First National Bank No. 1 test, located 330 feet north and 330 feet west of the southeast corner of the northeast quarter of the southwest quarter of section 17-188-17 in Union county.

Permit issued to L. A. Hawkins for the Treadway No. 1 test, 330 feet north and 167 feet west of the southeast corner of the southeast quarter of the northeast quarter of section 10-20-28 in Miller county, was transferred to the Guaranty Oil Corporation of Houston, Tex.

Logs were filed for the A. A. Capps No. 3 test of W. L. McClannahan, the K. K. Dickson No. 1 test of the Texas Canadian Oil Corporation and for the A. J. August No. 1, the S. B. Davis No. 1, the G. G. Gerald No. B-2, the A. J. Cross No. 1 and the A. A. Capps No. F-1 of F. W. Burford, all in Miller county.

Morgan No. 2 Final Test Due Soon

Special to the Gazette. 11-16-37

El Dorado, Nov. 15.—After coring more than 30 feet of the big lime formation, operators on the D. S. and J. C. Morgan No. 2 test of the Alice Sidney Company, in the Shuler area west of El Dorado, were planning to set casing for final testing of the well tonight.

Operators on the Gan No. 1 test of the Phillips Petroleum Company were coring in the big lime formation and Jones Murphy & Hurley were coring in the Jones sand in their Marine No. 2 test.

After penetrating the Jones sand, the Alice Sidney Company continued coring and encountered the big lime at 7,636 feet and cored 34 feet to a total depth of 7,670 feet. A Schlumberger electrical log test was being made on the well today.

The Alice Sidney test was deepened from the Morgan sand at 6,000 feet to the new producing zone. About 60 feet of the Jones sand was cored, and despite the heavy oil saturation, operators decided to continue coring to the big lime. The test is located in the southeast corner of the northeast quarter of the southeast quarter of Section 18-18-17.

Big Lime Topped.

The Phillips company today topped the big lime in its Ed Gan No. 1, which also cored through the Jones sand to the lime. Bottom of the hole is at 7,623 feet, with severela feet of lime cored. Operators are reaming down to the bottom of the hole and then will resume coring. The test, which also was deepened from the Morgan sand, is in the southwest corner of the southeast quarter of the northeast quarter of Section 18-18-17.

The third test in the Shuler area to reach the Jones sand in the last few days is the Marine No. 2 test of Jones, Murphy & Hurley which started coring at a depth of 7,578 feet and topped the Jones sand at 7,594 feet. The test is in the southwest corner of the northwest quarter of the southeast quarter of Section 17-18-17, and is a north offset to the Marine No. 1 of the same operators and which is producing 2,450 barrels of oil daily from the Jones sand.

The Marine No. 1 test is the only test yet to be completed in the Jones sand. The Lion Oil Refining Company cored through 70 feet of the sand and completed its Morgan A-1 test in the big lime in Section 18-18-17, and indications are that the Alice Sidney Company and the Phillips company also will complete their tests in the lime.

Five Lion Tests Drilling.

The Lion company is drilling ahead on five additional tests in the Shuler area. The Marine No. 1 in Section 7-18-18, is drilling below 4,835 feet; the Morgan C-1, in Section 18-18-17, below 3,100 feet; the Morgan B-4, in the same section, below 1,850 feet, and the Justiss A-1, in Section 19-18-18, below 6,171 feet.

Jones Murphy & Hurley are drilling below 6,226 feet their Marine No. 4 in Section 17-18-18, and have made location for their Marine No. 3 in the same section.

The Marine company is drilling below 5,800 feet on its Justiss No. 2 in Section 18-18-17, and is moving in a rig for its Fee No. 3 in Section 17-18-17.

The Alice Sidney Company is drilling below 3,100 feet on its Morgan No. 3 test in Section 18-18-17.

The Phillips company is drilling below 2,582 feet in its Jennings No. 1 in Section 18-18-17, and is rigging up on the Justiss No. 2 and the Marks No. 2, both in Section 18-18-17, and is clearing location for the First National Bank No. 1 test in Section 17-18-17.

Columbia County.

Just across the Columbia county line near Village, about eight miles west of Shuler, the Tidewater Oil Company has encountered the Redbeds at a depth of 7,358, and is coring for the Jones sand. The well today was at a depth of 7,485 feet. The test is in Section 24-17-19.

Also in Columbia county the McKean No. 1 of the Standard Oil Company, in Section 18-16-22, has been plugged back about 10 feet above salt water level discovered at the bottom of the 111-foot formation.

In the same county the Barett No. 1 of the Kerr Lynn Oil Company is drilling below 5,400 feet, and is nearing the Shuler producing sand.

Drilling has started on the Dennis No. 1 test, two miles northwest of Magnolia, which operators said they would drill on to the McKean depth if necessary to obtain production.

OIL NEWS

Permian Lime Tests Attract Attention

Special to the Gazette. 11-21-37

El Dorado, Nov. 20.—Drilling activities in the Permian line zone in three sections of south Arkansas shared the interest of the oil fraternity this week with the center of interest being in the Shuler area west of El Dorado in Union county. The other sections are at Village in the eastern part of Columbia county about eight miles northwest of Shuler where the Tidewater Company is drilling a wildcat test and at Buckner in the western part of Columbia county where the Standard Oil Company is completing a test in the lime formation.

At Shuler, casing was set for final testing of one well in the big lime and two others are coring in the lime formation and are expected to set casing for final testing soon. Several additional tests are nearing the coring stage. All three tests cored through the Jones sand at a higher level, but none tested it. One well in the Shuler area has been completed in the Jones sand and one in the lime formation.

The Alice Sidney Company set casing this week at 7,700 feet in its D. S. and J. C. Morgan No. 2 test in the southeast corner of the northeast quarter of the southeast quarter of Section 18-18-17 after coring about 40 feet of the lime formation. The well is expected to be tested late next week. The test encountered 50 feet of heavily saturated Jones sand formation before encountering the lime.

The Phillips Petroleum Company is coring in the lime in its Ed Gan No. 1 test in the southwest corner of the southeast quarter of the northeast quarter of Section 18-18-17 at a depth below 7,645 feet. The Phillips test also encountered heavily saturated Jones sand in cores before reaching the lime. Both the Phillips test and the Alice Sidney well had been deepened from the Morgan sands around 6,000 feet.

Jones, Murphy and Hurley, drillers of the discovery well in the Jones sand are coring in the big lime formation on their Marine No. 2 test in the southwest corner of the northwest quarter of the southeast quarter of Section 17-18-17 at a depth below 7,688 feet. The Jones test encountered the Jones sand from 7,580 to 7,630 feet but did not test it. The Marine No. 1 test of the same operators in the northwest corner of the southwest quarter of the southeast quarter of Section 17-18-17 is producing 2,450 barrels of oil daily from the Jones sand at a depth of 7,554 to 7,574 feet. The same operators are also drilling at 6,650 feet on their Marine No. 4 test in the southeast corner of the southwest quarter of the southeast quarter of the same section.

The Alice Sidney Company is drilling below 3,000 feet on its D. S. and J. C. Morgan No. 3 test in the northwest corner of the northeast quarter of the southeast quarter of Section 18-18-17.

Phillips Drilling Four Other Tests.

In addition to the Gan well, the Phillips Company is drilling four additional tests in the area. The Jennings No. 1 in the northwest corner of the southwest quarter of the northeast quarter of Section 18-18-17 is drilling below 3,750 feet, the Justiss No. 2 test in the southeast corner of lot six in the northwest quarter of the same section is drilling below surface casing, and rigging up is under way on the Marks No. 2 in the northeast corner of lot two in the southwest quarter of Section 18-18-17 and the National No. 1 in the southeast corner of the northeast quarter of the southwest quarter of Section 17-18-17.

The Lion Oil Company has completed one producer in the big lime, its Morgan A-1, which is producing 500 barrels of distillate daily on a 2-64th-inch choke and is drilling four additional tests. Its Marine No. 1 in the northeast corner of the southeast quarter of the southwest quarter of Section 17-18-17 is drilling below 6,400 feet and the Justiss A-1 in the northeast corner of the northwest quarter of the northeast quarter of Section 19-18-17, which is being deepened from the Morgan sand at 6,000 feet is drilling below 6,350 feet.

The Morgan B-3 in the northeast corner of the northwest quarter of the southeast quarter of Section 18-18-17 is drilling below 5,360 feet and the D. S. and J. C. Morgan C-1 a joint operation of the Lion, Phillips and Jones et al. interests in the northeast corner of the southeast quarter of the southeast quarter of Section 18-18-17 is drilling below 3,812 feet.

Tidewater Test Said Nearing Lime.

Northwest of the Shuler area about eight miles the Tidewater Company is drilling and coring at a depth below 7,550 feet in its Crumpler No. 1 test in Section 24-17-19. The operators are reported to have cored through the Jones sand formation without obtaining a showing and are said to be coring to the big lime formation. The well is "tight," and little information can be obtained as to the formations being cored. The well is reported to be coring in red sand and shale and expected to encounter the lime in a short time.

It was reported early this week that the test had obtained a good oil showing in cores but the report could not be confirmed officially. However, lease and royalty trading in the area between Shuler and Village was unusually active and many leases were sold and royalties transferred.

Also of interest this week is the effort on the part of the Standard Oil Company to complets its McKean No. 1 test near Buckner for a producer. Operators plugged back 10 feet in the hole to a depth of about 7,250 feet and started washing the well to induce flowing. It was expected that if the well flowed without making a show of oil after being washed and swabbed, it would be treated with acid to increase its production.

Two new wells have been completed in the Miller county area of the Rodessa Field and several other completions are expected soon. The T. P. Hopkins No. 1 of W. L. McClannahan in Section 11-20-28 was completed for a producer of about 15 barrels per hour. The Ahern No. 4 test of W. F. Burford in Section 10-20-28 was completed as a producer of about 150 barrels of oil per day.

The Hunt Oil Company is reported planning to test its Mabel Ann Wommack No. 5 test in Section 10-20-28 and the Skelly Oil Company is nearing completion on its W. M. Thomas No. 1 test in Section 12-20-28.

The Red Iron Drilling Company has set oil string on its Toombs No. 1 test in Section 11-20-28 and W. L. McClannahan is preparing to set oil string on his T. J. Hopkins B-1 test in Section 11-20-28.

There are at present 40 producing wells in the Miller county field with total daily production of about 13,150 barrels.

It has been reported here that operators of several wells in the Louisiana side of the Rodessa Field have opened their wells and increased production since there is yet no restriction on production in the Miller county part of the field. Louisiana has 421 wells producing 43,146 barrels daily and Texas has 365 wells producing 26,277 barrels daily.

Three New Permits Issued.

The Arkansas State Board of Conservation this week issued three new drilling permits and one to plug and abandon an old test. Changes were made in location of two wells and the name of one well was changed. Logs of seven wells were also filed.

W. C. Feazel of Monroe, La., obtained permit to drill the J. W. Farmer No. 1 test 1,610.2 feet west and 545 feet north of the southeast corner of Section 13-20-28 in Miller county. He also obtained permit for the J. W. Farmer No. 2 test 1,000.7 feet west and 527.7 feet north of the southeast corner of Section 13-20-28 in Miller county.

The Marine Oil Company obtained permit for its No. 3 test 280 feet east and 430 feet north of the southwest corner of the northwest quarter of the southwest quarter of Section 17-18-17 in Union county.

Manning and Martin obtained permit to plug and abandon the Parks-Gieseck No. 1 test located 355 feet south and 405 feet east of the northwest corner of the northeast quarter of the northeast quarter in Section 4-6N-5E in Cross county.

The Phillips Petroleum Company changed location of two of its tests in Section 18-18-17 in Union county. The Marcus Justiss No. 2 test is now located 445 feet north and 356 feet west of the southeast corner of lot six in the northwest quarter of the section and the T. P. Marks No. 2 test is now located 442 feet south and 385 feet west of the northeast corner of lot two in the southwest quarter of the section.

The Marine Oil Company changed the name of the well originally designated as the Jones No. 1 to the Marine Oil Company No. 2. It is located 330 feet east and 300 feet north of the southwest corner of the northwest quarter of the southwest quarter of Section 17-18-17 in Union county.

The Texas Canadian Oil Corporation filed log of its I. E. Moore estate No. 1 test in Cleveland county and the Layton Oil Company filed log of its E. S. Terry No. 4 test in Miller county. W. T. McClannahan filed log of his Capps Brothers B-1 in Miller county and Lacy and Riley also filed log of their J. W. Grogan No. 1 test in Miller county. F. W. Burford filed logs of his Garver Means No. 1, the Mary O. Ahern No. 1 and the Mary O. Ahern No. 3 test, all located in Miller county.

Scattered Wildcats Continue To Share Oil Limelight.

Special to the Gazette.

Shreveport, La., Nov. 20.—Ark.-La.-Tex. oil men this week eyed several scattered wildcats and field extension trys holding promise and saw leasing in several areas continue at a fairly active pace.

Much new development was expected to follow the mile south extension this week of the Jefferson end of the Rodessa field in Marion county (Texas) by Arkansas Fuel Oil Company's Neilon No. 1, Gillespie survey. Bottomed at 5,996 feet, the well came in flowing 20 barrels hourly through a quarter-inch choke.

At the same time the northwest limits of the area was extended one-half mile by George Barham's Whitfield 1, R. Bennington survey, which flowed 339 barrels in 24 hours through a 7-32-inch choke. Total depth is 6,090 feet.

Crescent Well Watched.

A half-mile east extension of the limits of the Lisbon field, Claiborne parish, was watched as the week closed at Crescent Drilling Company et al's Fowler 1, Section 33-21-4, bottomed at 5,285 feet with seven feet of saturated lime reported.

Standard of Louisiana set producing strings of casing as the week closed in two edge wells in the Cotton Valley field of Webster parish: Gray B-2, Section 26-21-10, bottomed at 8,117 feet and Davis 7, Section 23-21-10, with depth of 8,256 feet.

Gulf Refining Company's high checking Bienville parish wildcat, Good Pine No. 1, Section 25-14-8, was trying to curb salt water flow which showed with a small amount of gas in a test made from 5,608—38 feet of a porous lime section. It will core ahead.

In Lincoln parish, E. H. Moore, Inc., abandoned as dry its Commercial No. 1, Section 22-18-5, at 6,210 feet. In the same parish, E. T. Oakes et al.'s Briggs No. 1, Section 36-18-1, was drilling ahead below 1,675 feet and in Red River parish, Arkansas Fuel Oil Company's Franklin Realty No. 1, Section 20-11-9, was arranging to resume at 2,000 feet after setting 10 3-4 inch casing.

The mile south outpost in the Bear Creek area of Bienville parish of Seaboard—H. L. Hunt at Federal Land Bank 1, Section 10-16-6, was arranging to drill deeper after showing only a small amount of gas from a 6,850-foot level.

A. O. Olson & Hayes' Sharp No. 1, Section 15-18-16, new Trinity try in the Blanchard area of Caddo parish, was below 5,290 feet. In Union parish, Modisett-Standard's Frost 1, Section 14-21-1, was below 4,980 feet and in Sabine parish, Larry Romine's Louisiana Long Leaf 1, Section 7-5-12, was past 4,615 feet.

Howard M. Jones et al. was rigging up at one new Tenses parish wildcat and had the derrick built for another. His Chicago Mill 2, Section 10-12-10, was rigging up and Deshea No. 1, Section 17-13-11, was a derrick. In Catahoula parish, G. C. Foster had derrick erected for new wildcat at Beck 1, Section 39-10-8.

Purchase, Strike Hold Interest.

In North Louisiana refinery circles this week, main developments centered on negotiations by Lion Oil Refining Company of El Dorado, Ark., for purchase of the controlling stock in the Atlas Pipe Line Company at Shreveport, The latter's holdings includes a 12,500-capacity refinery at Shreveport, an eight-inch line from the East Texas field via Shreveport, to El Dorado and production in the East Texas field.

Also of close interest was the strike of workers at the Lewis refinery of the Shoreline Oil Company, demanding continued recognition of the C. I. O. About 150 men have been out since Sunday.

Review of Arkansas Oil Fields

Three Shuler Field Wells Await Tests

Democrat 11-21-37

Marine, Wingfield and Phillips Wells at Completion Stage.

El Dorado—Coring operations are being continued in one deep well in the Shuler area, another has been drilled to a depth of 7,700 feet in preparation for a Schlumberger test, and plug is to be drilled on a wildcat well northeast of El Dorado for final testing.

Operators on the Marine No. 2 of Jones Murphy and Hurley took two cores from 7,707 to 7,725 feet and from 7,725 to 7,744 feet. The first core showed hard dense lime and several feet of oolitic lime. The second core showed hard oolitic lime with occasional porous streaks.

The Phillips Company is reported to have drilled to a depth of 7,700 feet in the Gann No. 1 and is preparing to make a Schlumberger test.

W. D. Wingfield and associates were preparing to drill plug for final testing of their Southern Kraft No. 2 in section 18-16-14 at a depth of 2,726 feet where an oil showing was obtained in the woodbine sand. Bailing operations are expected to start Sunday.

After being swabbed several days the McKean No. 1 of the Standard Oil Company in the Buckner area of Columbia county began flowing at the rate of about 70 barrels of oil per hour. Swabbing was to be continued in an effort to increase the flow.

In the Village area of Columbia county, in section 24-17-19, Tidewater and Seaboard were coring below 7,550 feet in their Crumpler No. 1.

Saturday's drilling report follows:

Lion and Phillips' Morgan A 1, southwest 1-4, 18-18-17; producing 432 barrels daily on 2-64-inch choke.

Lion's Marine No. 1, southwest 1-4, 17-18-17, drilling below 6,485 feet. Lion's Morgan B 3, northwest, 1-4, southwest, 1-4, 18-18-17, drilling below 5,588 feet. Lion's Phillips and Jones D. S. and J. C. Morgan C 1, southeast 1-4, 18-18-17, drilling below 4,140 feet. Lion's Morgan B 4, southeast 1-4, 18-18-17, casing set at 2,270 feet. Lion's Justiss A 1, northeast 1-4, 19-18-17, drilling below 6,350 feet.

Jones et al., Marine No. 1, southeast 1-4, 17-18-17, producing 2,431 barrels daily on two-inch choke from depth of 7,554-7,574. Jones et al., Marine No. 2, southeast 1-4, 17-18-17, coring below 7,744 feet. Jones et al., Marine No. 4, southeast 1-4, 17-18-17, drilling at 6,850 feet.

Marine's Justiss No. 2, lot 7, northwest 1-4, 18-18-17, drilling below 6,050 feet. Marine's Fee No. 3, southwest 1-4, 17-18-17, moving in rig.

Alice Sidney's D. S. and J. C. Morgan, No. 2, southeast 1-4, 18-18-17, setting casing. Alice Sidney's D. S and J. C. Morgan No. 3, southeast 1-4, 18-18-17, preparing to set casing at 2,160 feet.

Phillips' Ed Gan No. 1, northeast 1-4, 18-18-17, drilling below 7,665 feet. Phillips' Jennings No. 1, northeast 1-4, 18-18-17, drilling at 4,050 feet. Phillips' Justiss No. 2 lot 6, northwest 1-4, 18-18-17, drilling below 333 feet. Phillips' Marks No. 2, lot 2, southwest 1-4, 18-18-17, building derrick. Phillips' National No. 1, southwest 1-4, 17-18-17, digging cellar.

Conservation Issue Still Is Unsettled

Week a Quiet One—Developments at Shuler Expected Soon.

Shreveport—The Arkansas Board of Conservation's recent decision to leave in abeyance a pro-ration order for the Miller county part of Rodessa, which now has 41 wells, last week still left the problem of that tri-state field unsettled. The board deferred the effective date until December 1.

The failure to place any curtailment on the Arkansas side of the field resulted in two newly completed wells in Louisiana, just south of the line and direct offsets to Arkansas production, to begin producing at their capacity. A fine legal point could be raised as to whether Louisiana Conservation Commission authorities can hold them to Louisiana allowables for Rodessa under present conditions.

The position taken by enforcement agencies in Louisiana was that allowables on this side of the field are predicted on an average over a 30-day period and that no action could be taken until a full 30 days' allowable had been run.

Meanwhile a number of the 41 wells in Arkansas were showing a marked drop in production.

Rodessa as a whole had about its usual week in number of completions, three being added in Arkansas, one oil well and one gas well in Louisiana, and four oil wells in the Marion county, Texas, end of the field, bringing the total there to 30.

Featuring the Marion county end of the field was the extension of the Jefferson area substantially in two directions.

One mile south of production there Arkansas Louisiana Gas Company (Cities Service) completed No. 1 W. T. Neilon, Thomas Gillespie survey, flowing 20 barrels per hour at 5,996 feet. Three-fourths of a mile northwest of production, George Barham and associates' No. 1 W. C. Whitfield, R. Bennington survey, was completed at plugged back depth of 6,090 feet, flowing 21 barrels per hour after casing was perforated at 6,076-86 feet in the Henderson sand. Previously this well had shown salt water with oil in the Gloyd, after going to 6,110 feet. There are 18 active operations at present in Marion county.

The Lisbon field, located in parts of Claiborne and Lincoln parishes, held the center of north Louisiana attention last week, as a three-quarter mile northeast outpost test logged some porosity and prepared to set casing, and a newly completed second pipeline outlet that started taking oil the preceding week got well under way with its runs.

However, the pipeline production situation at Lisbon is far from solved. The accumulation of back allowables from wells that have been pinched in for a market outlet since October 1, has not brightened for the sale of this accumulated oil at the posted price.

Crescent Drilling Company's No. 1 J. B. Fowler, center north half se nw section 33-21n-4w, three-quarter mile northeast outpost, with elevation of 295 feet, logged five feet of slightly porous poorly saturated oolitic lime in basal Glen Rose, then one foot of hard Coquina lime with oil spots, and then eight feet of shale, immediately below 5,269 feet. Total depth is 5,288 feet. The poor porosity was disappointing and may mark the nearby edge of the producing limits of the field in that direction.

Lisbon added only one well, that on the south edge of production, Tippett-Turman's No. 2 C. S. L. Patton, section 1-20n-5w, that is flowing 1,460 barrels daily at 5,335 feet, after logging eight feet of porosity.

E. H. Moore, Inc., abandoned as a dry hole No. 1 Commercial Bank, section 22-18n-5w, Lincoln parish wildcat, at 6,210 feet. The well choked low.

Another gas-distillate producer was added in the 8,000-foot lower Marine horizon in Cotton Valley, Webster parish, by Magnolia Petroleum Company in No. 4 Aarnes-Cox, section 22-21n-10w, that flowed 451 barrels of distillate in first 14 hours. Three new locations were announced in that field.

Aside from the Miller county extension of Rodessa, main interest in Arkansas last week was in tests now in the Permian lime or approaching that horizon in the Shuler field, and two deep wildcat tests in Columbia county.

In Shuler, Union county, Alice Sidney Oil Company's No. 2 Morgan, section 18-18-17, was arranging to set five-inch casing on bottom at total depth of 7,700 feet, after topping Permian lime at 7,632 feet, and running electrical testing device. Edwin M. Jones' No. 2 Marine, section 17-18-17, was coring below 7,650 feet, after topping the "Big Sand" of lower Marine at 7,580 feet.

Phillips Petroleum Company's No. 1 Ed Gan, section 18-18-17, was coring lime at 7,650 feet, after logging good saturation in the lower Marine sand from 7,530 to 7,604 feet. Four other Shuler tests are below 6,000 feet headed for these deeper horizons.

In Columbia county, Kerr-Lynn Oil Company's No. 1 Barnett, Section 14-17-20, with elevation of 321 feet, was coring below 5,800 feet after logging some saturated formation. Tidewater Associated and Seaboard's No. 1 Crumpler, Section 24-17-19, was drilling and coring below 7,525 feet, after topping anyhylrite at 7,500 feet, elevation being 282 feet. E. O. Olds et al.'s No. 1 Dennis, Section 4-17-21, was shut down at 4,065 feet.

In the same county, Standard Oil Company of Louisiana's No. 1 J. P. McKean, Section 8-16-22, which drilled to 7,309 feet before hitting salt water, after being completed as a commercial well in four levels of the Permian lime below 7,200 feet, plugged back to 7,257 feet and was testing there.

Shell Petroleum Company is reported leasing in a three-mile-wide strip in Township 18, Range 16, Union county.

Edwin M. Jones, who drilled the discovery lower Marine sand well at Shuler, below 7,000 feet, has been running oil from this well to storage with Root Petroleum Company, which to November 10 had aggregated 61,500 barrels. Root last week bought over 20,000 barrels of this oil and paid $1.05 per barrel, the same gravity basis as for the other Shuler oil from the five lenses between 5,500 and 5,900 feet in that field. Jones, however, is storing over 2,000 barrels of Shuler oil daily because he has no market for it.

Lion Oil Refining Company's negotiations for purchase of controlling stock in Atlas Pipe Line Corporation, which operates a 12,500-barrel polymerization refinery at Shreveport, and has an eight-inch line from Longview, Tex., to El Dorado, Ark., via Shreveport, is seen as an indication of Lion's desire to have an outlet to the Texas gulf coast via East Texas. Apparently believing Shuler production eventually will need an outlet to tidewater, this move, if consummated, is regarded by oil men as a wise one on the part of the Lion.

Danciger Oil and Refining Company's No. 1 J. W. Tatum, Alfred Bissell survey, Panola county, Texas, wildcat drilled to 6,514 feet, last week after testing salt water in the Blossom at 2,700 feet, was shut down. Previous tests at several levels below 5,100 feet had been unsatisfactory.

Review of Arkansas Oil Fields

Columbia and Shuler Fields In Limelight

Democrat 11-28-37

Lisbon, La., Situation Improves—'Allowables' Live Topic.

Shreveport—Although the Rodessa situation remained disturbed again this week with announcement by the Arkansas board of conservation that it would not invoke its recently-announced allocation order for Miller county until January 1, the Lisbon field of north Louisiana took on a brighter outlook with the pipeline outlet problem becoming more clarified and the producing limits of the field extended three-fourths of a mile northeast.

Announcement of location for a 10,000-foot test in the old west Zwolle (Blue Lake) district, Sabine parish, and plans for immediate drilling of the first of a series of three wildcats in Madison parish, featured plans for new development.

The Lisbon extension well is Crescent Drilling Company et al.'s No. 1 J. B. Fowler, section 33-21n-4w, completed at total depth of 5,288 feet in what was considered at first rather poorly saturated lime, flowing 50 barrels hourly through three-eighth-inch tubing choke after use of 2,000 gallons of acid.

Sutton Oil Company of Lake Charles, La., has taken over a 7,000-acre block in west Zwolle, recently secured from several lumber companies by C. H Lawrence Jr., and will drill a 10,000-foot test in No. 1 Sabine Lumber Company, NE 1-4, section 23-7n-14w, on a location selected by H. D. Easton, Shreveport geologist, who made locations for the discovery well at Zwolle, as well as in the Converse and Lisbon fields.

Continental Oil Company will drill the first of three tests on 10,000 acres to be selected from 85,000 acres of leases it has under option from the Singer Sewing Machine Company in Madison parish, northeast Louisiana, near the town of Tallulah, in section 34-17n-12e, where there is evidence of a dome structure, it is said.

The California Company, which recently secured geophysical options on 125,000 acres of Tensas Delta Lumber Company land in Rapides, La Salle and Catahoula parishes, has just completed extensive geophysical work in Concordia and Tensas parishes. In Bienville parish, between the Driscoll and Bear Creek gas distillate fields, Turman Oil Company of Tulsa, Okla., has been taking some leases recently in township 16, ranges 5 and 6 west.

Barker and Woods of Houston, Tex., are soliciting three-year contracts from Lisbon field producers, offering to pay the present posted price of oil there, and if sufficient contracts are secured, will build a six-inch line from that field to Monroe, La., on the Ouachita river, whence they will ship oil by barges to the gulf. They say they have a market for 5,000 barrels daily. The Italian government is the rumored contemplated purchaser.

Although Lisbon's runs have been greatly curtailed since October 1, when Gulf Oil Corporation reduced its purchases, total runs from that field to November 10 were 1,978,075 barrels. A casing head plant may be built at Lisbon by Hercules Gasoline Company, which has such a plant at Kilgore, Tex.

Rodessa's daily allowable on the Louisiana side for December will be the same as for November, 50,000 barrels daily with an augmented field allowable of 66,000 barrels, according to the pro-ration order for Louisiana, promulgated during the week by the Louisiana conservation commission. The allowables for all of north Louisiana were left unchanged at 82,500 barrels, including 10,000 barrels for Lisbon, the same as November, and 600 barrels for Sligo, Bossier parish, the latter having only six oil wells. The Cotton Valley 8,000-foot lower Marine gas-distillate field, classed as a gas field, had its allowable for December hiked from 35,000,000 cubic feet daily to 44,000,000 feet daily for December. South Louisiana's allowable was hiked 825 barrels to 171,475 barrels for December, giving all of Louisiana 233,975 barrels daily.

Deep Wells in Shuler.

Five of the 14 drilling operations in the Shuler field, Union county, Arkansas, drilling for the lower Marine and Permian lime formations below 7,500 feet, each of which has been found productive, were below 7,000 feet last week.

Alice Sidney Oil Company was preparing to test No. 2 D. S. Morgan, SE quarter section 18-18-17, at total depth of 7,700 feet, five-inch casing having been set at 7,575 feet. Edwin M. Jones' No. 2 Marine, section 17-18-17, does not look so promising as it cores below 7,800 feet, having shown water in top of the Permian lime at 7,680 feet, and having logged no saturation so far. From 7,707 to 7,795 feet there was lime with an odor of sulphur in some of the cores. Jones' No. 4 Marine, SE section 17-18-17, is fishing at 7,029 feet Phillips Petroleum Company's No. 1 Ed Gan, NE section 18-18-17, after topping Permian lime at 7,638 feet, cored saturation at 7,646 to 7,656 feet and is setting casing at total depth of 7,700 feet.

Benedum and Trees Oil Company plans an immediate Permian lime test on a 5,000-acre block centering around section 16-14-19, Ouachita county, Ark., near Buena Vista. Tidewater Associated Oil Company has joined Shell Petroleum Corporation in a leasing play in township 18, range 16, Union county, Tidewater extending also into township 18, range 15. The "trend" of the leasing from Shuler is toward the east at present.

Columbia county, Arkansas, also continues to get a heavy play due to Standard Oil Company of Louisiana's new Permian lime oil well at Buckner, section 8-16-22. This test, completed at several levels in the Permian lime, between 7,204 and 7,280 feet, has been plugged back to 7,258 feet where it was re-completed, flowing 456 barrels of oil daily and when acidized flowed an average of 44 barrels per hour.

Standard paid $40,000 cash and an equal amount from production for a 95-acre lease in section 17-16-22, three-fourths of a mile east and slightly south of its new well.

Across the Lafayette county line, Magnolia Petroleum Company is leasing around section 14-16-23. In the Columbia county play are H. L. Hunt, Lion Oil Refining Company, Standard, Magnolia, Devonian Oil Company, Maracaibo Oil Company, Root Petroleum, Mid-Continent Petroleum, and a dozen or more individuals, some of whom are believed to represent major companies.

Kerrlyn Oil Company's No. 1 Barnett, section 14-17-20, Columbia county, was coring near 6,100 after coring a water sand at 6,061 feet. Tidewater and Seaboard's No. 1 Crumpler, section 24-17-19, was fishing for 70 stands of pipe lost in the hole around 7,568 feet, and E. O. Olds et als. No. 1 Mary Dennis, section 4-17-21, was shut down at 4,513 feet, contract depth.

Daily average oil production in the Rodessa field last week was 80,362 barrels, divided among the three states as follows: Arkansas, 12,531 barrels; Louisiana, 45,232 barrels, and Texas, 22,599 barrels.

Daily average production in north Louisiana, including its side of Rodessa, was 75,062 barrels. Arkansas's average including its Rodessa production, was 46,070 barrels, including 7,000 barrels from Shuler.

Lisbon, La., runs of Gulf Oil Corporation averaged 1,460 barrels daily.

OIL NEWS

Expect Two New Shuler Producers

Special to the Gazette. 11-28-37

El Dorado, Nov. 27.—Completion of one producer this week-end and another next week is expected in the deep producing zone of the Shuler field west of El Dorado, where two producers already have been completed. Operations are under way on 12 more, and two others are expected to be started in a few days.

In addition there are 11 other producers in the area from higher sands with a total production of 3,657 barrels of oil daily. The two producers in the deep formations have daily production of about 2,950 barrels, making total daily production of more than 6,000 barrels for the 13 producing wells in the area.

The Alice Sidney Oil Company early this week set casing at 7,572 feet in its D. S. and J. C. Morgan No. 2 test and completion is expected this week-end. The well was reported to have encountered the best showing yet obtained in the Reynolds lime formation around 7,500 feet. The well also encountered good oil showings in about 40 feet of oil sand in the Jones sand at about 6,500 feet. It is expected that the well will be completed in the lime formation. The test is located in Section 18-18-17.

The Phillips Petroleum Company this week set seven-inch casing at a total depth of 7,700 feet in its Ed Gann No. 1 deep test, also in Section 18-18-17. The test is also said to have obtained good showings in the Jones sand and the Reynolds lime. Completion of the test is expected early next week.

Both the Alice Sidney and the Phillips tests were deepened from the Morgan sands around 6,000 feet.

Marine Planning Record Deep Test.

A test that is likely to become the deepest test yet drilled in Arkansas is the Marine No. 1 test of Jones, Murphy & Hurley in Section 17-18-17, which is coring in hard lime formation below 7,841 feet. Good oil showings were said to have been obtained in cores in the test from 7,809 to 7,841 feet. It is reported that the operators plan to take the test to a total depth of about 8,500 feet before setting casing.

The deepest test yet drilled in Arkansas was the Louis Werner Sawmill Company No. 49 test of the Gulf Refining Company in the Griffin area of the Smackover field west of Smackover, which was drilled to a depth of slightly less than 8,000 feet before being abandoned as a dry hole. If coring operations are continued on the Jones et al. test at the present rate, it will become the state's deepest test early next week.

The same operators are fishing for a lost drill collar, drill bit and reamer at a depth of 7,029 feet in their Marine No. 4 test in Section 17-18-17.

The Alice Sidney company is drilling at a total depth of 2,170 feet on the Morgan No. 3 test in Section 18-18-17.

The Marine Oil Company is drilling at a depth of 6,385 feet on its Justiss No. 1 test in Section 18-18-18 and is rigging up and preparing to start operations on the Fee No. 3 test in Section 17-18-17.

The Phillips company is drilling on three additional tests in the area. The Jennings No. 1 test in Section 18-18-17 is drilling at a depth of 4,876 feet. The Justiss No. 2 test in Section 18-18-17 is drilling at a depth of 2,006 feet and the Marks No. 2 test in Section 18-18-17 is drilling below surface casing. The same operators are preparing to start operations on the National No. 1 test in Section 17-18-17.

The Lion Oil Refining Company is drilling on five tests in the area. The Marine No. 1 test in Section 17-18-17 is drilling below 6,769 feet and the Justiss A-1 test in Section 19-18-17 is drilling below 6,625 feet. The Justiss test is one that is being deepened from the Morgan sand.

The Lion has three drilling operations in Section 18-18-17. The Morgan B-3 test is drilling below 5,952 feet, the Morgan C-1 below 4,895 feet and the Morgan B-4 test below 3,450 feet.

The Marine No. 1 test of Jones, Murphy & Hurley in Section 17-18-17, the discovery well in the deep formation, is producing 2,450 barrels of oil daily on a two-inch choke from 7,554 to 7,574 feet. Casing pressure is 2,175 pounds and tubing pressure is 250 pounds and the well is producing about 13 per cent basic sediment and salt water.

The other deep producer, the Morgan A-1 test of the Lion and Phillips companies in Section 18-17-18, the discovery well in the field, which was completed in the Morgan sand and later deepened to the Reynolds lime, is producing 450 barrels of distillate daily on a 15-64 inch choke with casing pressure of 2,600 pounds and tubing pressure of 2,500 pounds. The Lion has four additional producers in the Morgan sand.

The Alice Sidney Company is obtaining production of 207 barrels daily from the Morgan No. 1 test in Section 18-18-17 through a one-fourth inch tubing choke with 350 pounds casing pressure and 130 pounds tubing pressure.

The Phillips company has two producers in Section 18-18-17. The Marks No. 1 is producing 266 barrels daily on a 24-64 inch choke with 1,740 pounds casing pressure and 260 pounds tubing pressure. The Justiss No. 1 is producing 168 barrels daily through a one-fourth inch choke with 550 pounds casing pressure and 200 pounds tubing pressure.

W. D. Wingfield and associates obtained salt water showings in final testing of their Southern Kraft No. 2 test in Section 18-16-14 at a depth of 2,728 feet. Casing had been set in a salt and pepper sand in which oil showings had been obtained. Operators have not announced if they will drill deeper or abandon the test.

Operators on the McKean No. 1 test of the Standard Oil Company in Section 8-16-22 in Columbia county, near Buckner, were reported to have acidized the well this week to increase its flow.

Operators on the Crumpler No. 1 test of Tidewater and Seaboard were reported drilling and coring below 7,600 feet in their test in Section 24-17-19 in the Village area of Columbia county about eight miles west of Shuler. No reports on the showings in the well could be obtained.

A new producer was completed this week in the Miller county section of the Rodessa field when H. L. Hunt completed his Mabel Ann Wommack No. 5 test for a producer with initial flow of 35 barrels per hour. The test is located in Section 10-20-28, three-fourths of a mile west of the discovery well.

New Test West of Waldo.

Plans for a deep test well to be drilled west of Waldo in Section 20-14-26 were announced this week. The well is planned as a test to the Permian lime with operations expected to be started about December 1.

At a special meeting Monday of this week, the Arkansas state Board of Conservation again postponed effective date of the allocation order for Miller county field fixing a daily field allowable for production. The new effective date is January 1 with the engineer for the department expected to fix well allowables December 23 for the month of January.

Forty-two producing wells in the Miller county field now have daily total production of 12,531 barrels or an average of 298 barrels per well. On the Louisiana side of the field the per well average is 107 barrels daily for the 421 wells for a total daily production of 45,232 barrels. On the Texas side of the field the per well average is 61 barrels daily for 372 wells with total production of 22,599 barrels.

Two New Permits Issued.

Two drilling permits were issued by the state Conservation Department this week and logs of four wells were filed.

O. F. Whitaker obtained permit to drill the C. C. Guttry No. 2 test 200 feet north of the south line and 160 feet east of the west line in the southeast quarter of the northwest quarter of Section 21-15-19 in Ouachita county.

The Benedum & Trees Oil Company obtained permit to drill the Mary Jackson No. 2 test 300 feet south and 300 feet west of the northeast corner of the northeast quarter of the northeast quarter of Section 9-14-20 in Nevada county.

Manning & Martin filed log of the Park-Gieseck No. 1 test in Cross county. Anding & Byrd filed log of the B. A. Skipper No. 4, the East Texas Refining Company filed log of the A. A. Capps A-1 and F. W. Burford filed log of the A. A. Capps E-1, all in Miller county.

One Extension Well Completed, Second Tested in Louisiana.

Special to the Gazette.

Shreveport, La., Nov. 27.—Extension wells in two districts, one completed and the other testing, held major attention this week in a busy period of activity in the North Louisiana-Arkansas district.

Eastern limits of the Lisbon field, Claiborne parish, were pushed one-half mile with the completion of Crescent Drilling Company's Fowler No. 1, Section 33-21-4, flowing an average of 40 barrels hourly through a 3-4 inch choke at 5,288 feet from seven feet of saturated lime.

One and three-quarter miles southwest of production in the Zwolle area, Sabine parish, attention was held by testing operations at Hunter Company's Long Bell 1, outpost in Section 23-7-13. Total depth is 2,234 feet. Location is 1 3-4 miles from the company's Bowman Hicks No. 1 oiler recently completed to extend production in the area 1 1-4 miles.

New Pipeline Proposed.

A new pipeline outlet for the Lisbon field was seen likely as Barker & Woods of Houston, Tex., attempted to secure sufficient number of well connections for a proposed six-inch line from Lisbon to the Ouachita river near Monroe, distance of about 47 miles. The crude would then be transported from there by barge to tankers on the coast.

On a 10,000-acre block recently assembled in Sabine parish, in the area of the discovery well of the Zwolle shallow field, Sutton Oil Company of Lake Charles has made location for a 10,000-foot test in Section 23-7-14.

9,000-Foot Test to Be Made.

In the Avoyelles district of Rapides parish, where production is found from the 5,700-foot level, Amerada Petroleum Corporation was moving in materials for Weil No. 3, Section 53-1-2, proposed 9,000-foot test to the Wilcox sand.

Continental Oil Company staked location this week for a new test in Madison parish, rank wildcat territory, at Singer Sewing Machine Company No. 1, Section 34-17-12, two miles west of Tallulah. The company recently obtained leases on 85,000 acres of Singer's holdings in Madison.

The California Company is reported to have secured a six months' geophysical option on the 126,000 acres of leases of Tensas Delta Lumber Company in LaSalle and Catahoula parishes, in townships 3, 5, 6 and 7, ranges 3, 4 and 5.

Testing only mud from 5,585-5,609 feet in drill stem test, the Trinity test in the Blanchard area of Caddo parish of A. O. Olson et al. at Sharp No. 1, Section 15-18-16, was coring ahead.

In Bienville parish, Gulf Refining Company's Good Pine No. 1, Section 25-14-8, was reconditioning mud for another test of showing logged at 5,691 feet.

Bear Creek Test Reaches 7,135 Feet.

The mile south outpost test in the Bear Creek area of Bienville parish of Seaboard, H. L. Hunt at Federal Land below 7,135 feet toward the Travis Peak below 1,135 feet toward the Travis Peak after testing only a small amount of gas from the Glen Rose pay at the 6,850-foot level.

In Lincoln parish, E. T. Oakes et al.'s Griggs No. 1, Section 36-18-1, was below 3,810 feet. In Union parish, Standard-Modisett's Frost 1, Section 14-21-1, was past 5,425 feet. In Sabine parish, Larry Romine's Louisiana Long Leaf No. 1, Section 7-5-12, was past 4,885 feet.

Attention in the Jefferson end of the Rodessa field in Marion county, Texas, which was extended in two directions last week, centered as the week closed on testing operations at the half-mile southwest outpost of Holcomb & Thomason at Henderson No. 1, Ewing survey, bottomed at 6,039 feet.

Review of Arkansas Oil Fields

Three Fields In Arkansas Loom in News

Democrat 12-5-37

Shuler Gets Good Well—Production in Both States Drops.

Sheveport—The production situation along the Louisiana state line, bordering Arkansas, in the Rodessa field which, it was thought had been settled when pipe line companies declined to take oil from wells on the Louisiana side of the field in excess of allowables and voluntarily cut runs from Miller county, Ark., wells to 200 barrels each, flared up anew this week.

One pipe line company was reported to be taking runs from two Louisiana wells whose production total was 1,570 barrels, as compared to 1,056 barrels earlier in the week. It was reported that the federal tender board at Kilgore, Tex., planned to take the matter up with Washington headquarters as the oil was to be routed into Texas, thereby giving an interstate angle.

Declines in production and the stand of pipe line companies in limiting purchases in Miller county, apparently will take care of the excess production situation there. The Arkansas Board of Conservation recently deferred an allocation of production originally set for going into effect November 16, until January 1.

The Shuler field's newly discovered lower Marine producing horizon below the 7,500-foot level added its second and best well last week when Alice Sidney Oil Company's No. 2 D. S. Morgan, section 18-18-17, Union county, Ark., was completed in the "Jones sand" of the lower Marine, after casing was perforated at 7,568 feet, flowing 2,000 barrels daily. The well was plugged back from the Permian lime, old total depth being 7,700 feet. The Permian lime, found productive of gass and distillate between 7,600 and 7,700 feet at Shuler was not tested in the new well.

The new producer is one mile northwest of Edwin M. Jones et al's No. 1 Marine Oil Company, section 17-18-17, first producer in the lower Marine at Shuler and which has been making varying amounts of salt water with about 1,300 barrels of oil daily since completion last summer. There has not been much of a market demand for this oil and since the Permian lime just below it carried a heavy distillate flow with gas, deep tests at Shuler had been expected to try for this horizon.

Phillips Petroleum Company's No. 1, Ed Gan, section 18-18-17, will be the next deep well tested at Shuler, as it is preparing to drill plug and perforate casing. Total depth is 7,700 feet.

Edwin M. Jones et al's No. 3 Marine Oil Company, section 17-18-17, off-setting the Jones sand discovery well, cored to 7,950 feet without finding any saturation that would indicate a well, leading to the belief by some that these deeper structures may also be lenticular as was the 5,500-5,900-foot horizon at Shuler that yielded 13 oil producers from five separate lenses.

Columbia Field.

Standard Oil Company continues to experiment with producing possibilities of its Permian lime wildcat oil well at Buckner, Columbia county, No. 1, J. P. McKean, section 8-16-22, flowing at plugged back depth of 7,258 feet, taking in 50 feet of saturated Permian lime. The well flowed 1,794 barrels in twenty and one-half hours through open tubing for 18 hours and through quarter-inch choke for the rest of the period referred to, and then was shut in for lack of storage. The well gauged 961 barrels in 24 hours after being acidized and is a much better well than at first anticipated. Standard will drill additional tests on this block but whether any will be started before January 1 under the 1938 budget is not known.

Standard of Louisiana has been leasing recently in township 19, range 26, Miller and LaFayette counties, south Arkansas, along a sup-

posed northeast trend of the Rodessa fault. Two and one-half miles east of the Miller county, part of Rodessa, Freeman W. Burford continues to test No. 1 August, section 8-20-27, that has shown for a 50-barrel daily well at 6,165 feet. In section 5-20-27, McMurray et al are reported planning a test. The Miller county part of Rodessa was extended slightly over one-half mile northeast last week by Texas Canadian Oil Company's No. 1, Thomas, section 1-4, 12-20-28, completed after casing was perforated from 6,080 to 6,128 feet, flowing 40 barrels per hour through 37-100-inch choke. Two other operations in Miller county were testing, Nivla Oil Company's No. 1 Cross, section 11-29-28, and McMurray et al's No. A-1 Thomas, section 13-29-28.

Kerrlyn Oil Company's No. 1 Barnett, Section 14-17-20, Columbia county, Arkansas, last week reached contract depth of 6,314 feet and shut down, but as it checked regionally high it may be deepened to the Permian. Tidewater Associated's and Seaboard's No. 1 Crumpler, Section 24-17-19, continued to fish at 7,568 feet.

Kerrlyn Oil Company, which is from Oklahoma, has been checking with seismograph acreage it has in Townships 11 and 12, Range 18, Union county, Arkansas, near Strong, is expected to make a location early next January for a test in Section 13-12-18. Joe Modisett, Lion Oil Refining Company and Phillips Petroleum Company, which have acreage in that vicinity, are expected to have an interest in the operation.

Two wildcat tests in north Louisiana, both near the western flank of the Monroe uplift and more or less in the southeast trend from Shuler, were arousing interest.

E. T. Oakes, H. D. Easton et al.'s No. 1 Griggs, Section 36-18n-1w, Lincoln parish, which logged first anhydrite at 4,253 feet (corrected measurement) and topped the massive at 4,493 feet (elevation 199 feet), was coring ahead below 4,925 feet. Tops of the anhydrite were more than 200 feet higher than had been expected.

Negotiations by a major company to acquire two gas distillate wells and the surrounding block in Bienville parish, Bisteneau area, reported under way have been broken off. An offer of $500,000 for the holdings was refused.

R. E. Logan and D. M. Chapman are reported to be planning a 7,100-foot test for the Lisbon field, section 5-20n-5w, the test to start by next May 1. Seaboard Oil Corporation has assigned over 500 acres in township 15 north, range 3 west, Jackson parish, to J. G. Monk. In the same parish Sun Oil Company is paying rentals on its block in township 16 north, range 1 west, but is letting leases in 14 and 15 north, ranges 1 and 2 west, lapse. H. J. Furlong Jr. et al. of New Orleans have taken from H. E. Rondeau et al. a large block of wildcat acreage in Morehouse parish and will deepen the latters' No. 1 Clark, section 10-20n-7e, from present depth of 3,760 feet.

Several wells in Cotton Valley that had been shut in for producing more gas than could be sold and allowing the gas to blow into the air have been opened again after an outlet was secured from the original purchaser.

Lisbon Field.

Six wells were completed last week in the Lisbon field, as this field continues to take on new life following completion of an additional pipeline slightly over a fortnight ago. Gulf Refining Company's No. 1 Patton, section 6-20n-4w, south edge well that logged only five feet of saturation and when little hope for a well had been entertained, was flowing steadily at the rate of 35 barrels per hour after acidization.

The Rodessa field from a standpoint of new wells added only six, three in Marion county, Tex., to bring the total there to 34, and one in Miller county, Ark., bringing the total in Arkansas to 47. Two were added on the Louisiana side.

Daily average oil production in the Rodessa field dropped 7,255 barrels last week to 70,855 barrels, due to sharp recessions in Arkansas and Texas, and some decline in Louisiana.

Following are the figures for last week and the preceding week by states, in that order: Arkansas, 11,170 barrels as compared to 12,235 the week before; Louisiana, 43,085 barrels, as compared to 44,145 barrels the week before, and Texas, 16,600 barrels, as compared to 21,730 barrels the week before.

North Louisiana's average, including its part of Rodessa, last week averaged 74,870 barrels, as compared to 74,935 barrels the preceding week. Arkansas' average for the last week was 44,110 barrels as compared to 45,030 the preceding seven-day period. Shuler, Ark., last week averaged 7,015 barrels compared to 6,650 the week before.

OIL NEWS

Shuler Field Boasts Fifth Deep Producer

Special to the Gazette. 12-12-37

El Dorado, Dec. 11.—Completion this week of two new tests brought to four the number of big producers in the Jones sand of the Shuler area of Union county west of El Dorado and made a total of five deep producers in the area, the fifth producer being the deep lime producer of the Lion Oil Refining Company.

The latest completions in the area are the Ed Gann No. 1 test of the Phillips Petroleum Company in Section 18-18-17 and the Marine No. 2 test of Jones, Murphy and Hurley. The other deep sand producers are the Morgan No. 2 test of the Alice Sidney company in Section 18-18-17 and the Marine No. 1 test of Jones Murphy and Hurley in Section 17-18-17. Production of the four wells is in excess of 9,000 barrels of oil daily.

Phillips Well Largest in Field.

The first completion this week was the Gann test of the Phillips company which was completed for the largest producer in the entire Shuler field. The test is located in the southwest corner of the southeast quarter of the northeast quarter of Section 18-18-17 and was deepened from the shallow Morgan sand at about 6,000 feet.

The well was brought in through casing perforations from 7,535 to 7,560 feet with 207 shots being used in the perforation. The wall started flowing after being washed for only an hour and a half and began flowing at the rate of about 120 barrels hourly through a one and one-half inch tubing choke. The rate of flow increased until the well produced 180 barrels hourly. The test is located about a quarter of a mile northwest of the Morgan No. 2 test of the Alice Sidney company, which was completed last week for a producer of 1,959 barrels of oil daily through a one-inch tubing.

The newest producer is the Marine No. 2 test of Jones, Murphy and Hurley in Section 17-18-17, completed Wednesday. The well is located in the southwest corner of the northeast quarter of the southeast quarter of the section and is a north off-set to the Marine No. 1 test of the same operators, the discovery well in the Jones sand.

The Marine No. 2 test was completed through casing perforations from 7,585 to 7,607 feet with 94 shots being used. The well was washed with water during the morning and with oil in the afternoon and began flowing about the middle of the afternoon. On the first hour the well flowed 60 barrels an hour through a one-inch choke. Later the production increased to about 75 barrels an hour. Casing pressure is 50 pounds and tubing pressure 125 pounds. There is no show of salt water.

Operators on the Marine No. 1 test of Jones, Murphy and Hurley this weekend were performing a "squeeze" job in an effort to halt the flow of salt water which developed in the well last week. The well, producing about 2,400 to 2,500 barrels of oil daily with about 10 per cent water, suddenly dropped to about 1,000 to 1,100 barrels of oily daily with about 70 per cent salt water. The well was killed with mud Thursday and casing pulled Friday and the squeeze job was to have been done over the week end. The well is expected to be recompleted next week.

The other deep producer in the Shuler area, the Morgan A-1 of the Lion and Phillips companies, the discovery well in the field, is producing 710 barrels of distillate daily from a depth below 7,600 feet.

Marine No. 1 Nears Completion.

The next completion in the area is expected to be the Marine No. 1 test of the Lion company in Section 17-18-17 a west off-set to the Marine No. 1 test of Jones, Murphy and Hurley. The operators encountered difficulties this week after taking the first core, but the trouble was remedied and coring was resumed. The first core was taken from 7,520 to 7,535 feet with a 14-foot recovery. The first four and one-half feet showed sandy shale, the next five shale, and the bottom four and one-half feet heavily saturated oil sand with good porosity. The drill pipe became stuck before another core could be taken but the pipe was released when oil was circulated in the hole, and coring was resumed Friday.

Four other tests in the area are drilling below 7,000 feet and are expected to start coring next week. They are the Justiss No. 2 of the Marine Oil Company in Section 18-18-17, drilling below 7,388 feet; the Justiss A-1 of the Lion Oil Refining Company in Section 19-18-17, drilling below 7,241 feet; the Marine No. 4 of Jones, Murphy and Hurley in Section 17-18-17, drilling below 7,178 feet and the Morgan B-3 of the Lion company in Section 18-18-17, drilling below 7,170 feet.

Six other tests are drilling above 7,000 feet. They are the Jennings No. 1 of the Phillips company in Section 18-18-17, at 6,647 feet; the Morgan C-1 of the Lion company in Section 18-18-17, below 6,108 feet; the Morgan B-4 of the Lion company in Section 18-18-17, below 5,505 feet; the Justiss No. 2 test of the Phillips company in Section 18-18-17, below 4,640 feet; the Morgan No. 3 of the Alice Sidney Company in Section 18-18-17, below 4,840 feet; the Fee No. 3 test of the Marine company in Section 17-18-17, below 3,781 feet and the Marks No. 2 of the Phillips company in Section 18-18-17, below 3,760 feet.

The Phillips company is rigging up and is expected to start drilling operations next week on its First National bank No. 1 test in Section 17-18-17, and Jones, Murphy and Hurley have made location for their Marine No. 3 test in Section 17-18-17 and are expected to start operations after the Marine No. 1 test is re-completed.

The Tidewater company this week decided to abandon its Crumplet No. 1 wildcat deep test in Section 24-17-19 in the Village area of Columbia county near the Union county line after failure to recover pipe lost in the hole. The test was located in the center of quarter of the southwest quarter of Section 24-17-19 and was reported to have encountered an oil showing in a formation corresponding to the Jones sand in the Shuler field, about eight miles southeast.

In western Columbia county near Buckner, the Standard Oil Company is reported planning to start operations on an off-set to its recently completed McKean No. 1 test in Section 8-16-22, which is producing about 80 barrels hourly at a depth of 7,257 in the big lime.

51 Miller Wells Now Producing.

Completion this week of the Thomas Brothers B-1 test of McMurray et al. in Section 12-20-28 for a producer of 15 barrels an hour brought to 51 the number of producers in Miller county including five gas wells. Nine other wells are drilling. W. L. McClannahan has made location for the Capps Brothers E-1 test to be drilled in the southwest corner of the east half of the west half of Section 14-20-28 in Miller county.

Four permits to plug and abandon tests were issued this week by the Conservation Department, and logs of three wells were filed.

W. D. Winfield, trustee, obtained permit to plug and abandon the Southern Kraft No. 1 test 330 feet north and 330 feet east of the southwest corner of the southwest quarter of the northeast quarter of Section 18-16-14 in Union county. He also obtained permit to plug and abandon the Southern Kraft No. 2 test 200 feet east and 100 feet north of the southwest corner of the southwest quarter of the northeast quarter of Section 18-16-14 in Union county.

J. D. Reynolds of Camden obtained permit to plug and abandon the Myar No. 1 test located in the southwest quarter of the southeast quarter of the southeast quarter of Section 29-15-16 in Ouachita county.

The Ozark Natural Gas Company obtained permit to plug and abandon the Mrs. Sarah Girard No. 1 test 660 feet east of the west line and 1,000 feet north of the south line in the northwest quarter of the northeast quarter of Section 21-7N-30W in Sebastian county.

The Alice Sidney Oil Company filed log of the D. S. and J. C. Morgan No. 2 test in Union county, Hayner, Reabes and Hose filed log of the Brandon No. 1 test in Calhoun county and the Skelly Oil Company filed log of the W. M. Thomas No. 1 test in Miller county.

Review of Arkansas Oil Fields

Oil Interests Very Busy in Three States

Democrat 12-12-37

Operators Plan for 1938 With Eyes on Arkansas Fields.

Shreveport, La.—Bad weather and bad roads combined with the impending Christmas holiday lull were reflected in drilling activity in north Louisiana, south Arkansas and east Texas border counties this week. Few operations, except necessary offsets, are expected to be launched before the new year.

A notabl exception to this is Magnolia Petroleum Company and Union Producing Company's No. 1 Sexton, Section 32-23n-9w, Webster parish, Shongaloo district, location for which has been made for some time, is now rigging up and will be spudded by December 15. This test is designed for the lower Marine and will go 9,000 feet, if necessary. Preparations have been made for several months for this operation, which will be the first deep test for Shongaloo, which has a shallow gas field.

The entire area between the Monroe uplift to the east and the Rodessa field to the west, along the Louisiana side of the Arkansas-Louisiana state lines, has been showing increased activity from a geophysical and leasing standpoint since discovery of lower Marine gas-distillate production below 8,000 feet at Sugar creek.

Shell Agents Active.

Added impetus has been given by discovery of Permian lime production in Buckner and Schuler, Arkansas fields. Shell Petroleum Corporation has been active recently around the north and northeast flanks of the Cartersville field, Bossier parish, La., in this "play" and several companies have had shooting parties and have been leasing around the north side of the old Haynesville field, Claiborne parish. Latest company to send a geophysical crew to the latter district is Standard of Louisiana.

Considerable mineral buying developed the past week in Standard of Louisiana's Oakland district block in township 35 north, ranges 1 and 2, in Union parish, which is expected to be drilled next year.

Stanolind Oil and Gas Company, which during 1937 spent approximately $200,000 in securing leases in townships 20 and 21 north, ranges 15 and 16 west, Caddo parish, La., Pine Island district, for a proposed deep test, is busy unitizing its holdings there preparatory to drilling this test in 1938.

The Louisiana side of Rodessa added two new oil wells. Most of the drilling activity at Rodessa is now confined on the Louisiana side of Sections 2and 3-23n-16w, south extension of the Arkansas (Capps area) side of the field, where several good welsl have recently been completed. One mile northeast of the Louisiana side's limits of il production and about the same distance southeast of production in Arkansas, Freeman W. Burford's No. 1 U. S. Government, which was plugged back to the Gloyd horizon was completed in that zone as a small gas-distillate well making four barrels of distillate and less than one million feet of gas.

Production Curtailed.

Action has been taken by the Louisiana Conservation Commission to hold wells bordering the Arkansas line at Rodessa within their December allowable. Several wells in that region that produced far in excess of the daily allowable for a few days the first of the month will be held to their monthly allowable, it is reported.

Atlantic Refining Company is reported to have increased its purchases of Rodessa crude for December due to Shell Petroleum Corporation's not needing so much oil due to trouble at its Houston refinery.

Accumulative pipeline runs in the Lisbon field, Claiborne and Lincoln parishes, to December 1, aggregate 2,152,400 barrels. About 7,000 barrels are now being run daily from Lisbon of which Caddo Pipeline Corporation (Grogan Oil Co.) is handing 5,000 barrels of Gulf Refining Company 2,000 barrels.

Lisbon has 25 active operations. Most interesting well completed there last week was J. B. Bond's No. 1 Burges,s Section 3-20n-5w, which is pumping 70 barrels of oil daily after being standardized at a plugged back depth of 5,325 feet. This well, the second drilled in the field, had gone to 5,800 feet, with some oil showing in Travis Peak and later plugged back to basal Glen Rose, regular producing horizon at Lisbon.

Lisbon will be one year old December 25 and to date not a single dry hole or salt water well had been drilled there since E. T. Oakes, H. D. Easton and others completed the first well there last Christmas day. The field now has 160 producing wells.

New Wildcat Test.

Oakes and Easton are now drilling a wildcat test, No. 1 Griggs, section 36-18n-1w, Lincoln parish, which has had several shows of gas and distillate and oil stains in basal Glen Rose oolitic lime between 4,921 and 5,326 feet, and now is drilling lime below 5,400 feet. Contract depth is 6,000 feet. Joe Modisett and associates' No. 1 Frost Lumber Company, section 14-12n-1e, Union parish, wildcat, is drilling black shale below 6,368 feet. Gulf Oil Corporation's No. 1 Good Pipe Oil Company, section 25-14n-8w, Bienville parish, is drilling below 6,100 feet.

Standard Oil Company of Louisiana et al's No. 2 Brownfield, section 6-19n-5w, lower Marine test in the Sugar Creek gas field, Claiborne parish, is coring below 8,090 feet. Seabord Oil Corporation and H. L. Hunt's No. 1, Federal Land Bank, section 10-16n-6w, Bear Creek district, Bienville parish, is coring below 7,850 feet in Travis Peak. J. G. Sutton Oil Company's No. 1 Sabine Lumber Company, section 23-7n-14w, proposed 10,000-foot test for West Zwolle, Sabine parish, is spudding.

Rumors persist that a major company early next spring will begin laying a 30-inch gas line from North Louisiana to Philadelphia, Pa., which would be great boon to gas and gas-distillate fields in North Louisiana. At least three such fields with from two to three wells in each have been hampered by a lack of a market for their gas. The same rumor linked the name of a major oil company with that of a gas company whereby the oil company would acquire through their parent companies in the east the control of the gas company, which has now considerable oil properties in this territory.

Spotlight on Columbia.

The lower Marine producing horizon below 7,500 feet in the Shuler field, Union County, Ark., added its third and fourth producing wells the past week and has, with the new Buckner, Columbia county, Permian lime oil field, completely taken the Arkansas spotlight away from the Miller county extension of Rodesa. Three new locations, however, were made in Miller county last week and four new producers were added there to bring the total to 52.

The "hottest" wildcat spot was around the village of Taylor in Lafayette county, Ark., where Standard Oil Company of Louisiana has been shooting recently, having had its crew working in townships 17 and 18, ranges 24 and 25.

Near the new well at Buckner in section 8-16-22, Columbia county, Atlantic Refining Company has a seismograph unit at work and in township 18, range 19, same county, Tidewater Associated Oil Company has a geophysical party working. Ohio Oil Company has a torsion balance crew working in Desha county, Arkansas.

Root Petroleum Company which has been running the oil from Edwin M. Jones discovery lower Marine oil well at Shuler has connected into Phillips Petroleum Company's No. 1 Gan, section 18-18-17, at Shuler, completed during the last week flowing 181 barrels of oil per hour from the lower Marine sand. Root also connected into Alice Sidney Oil Company's Morgan lease where No. 2 D. S. Morgan was also recently completed in the lower Marine sand and into all of the Marine Oil Company's leases. Root is payng 96 cents per barrel on the lower Marine horizon's sour crude at Shuler as compared to $1.22 it has posted for the sweet crude from the five upper lenses between 5,500 and 6,000 feet in the same field. The 96-cent price is a dime lower than the regular gravity scale would call for.

American Liberty Oil Company has assembled a block of acreage around township 15, range 10, Bradley county, Ark., which is somewhat north of the former recent "plays" in south Arkansas.

Portex Oil Company, which recently announced plans for a large extraction plant in the Joaquin gas field, Shelby county, Tex., where it has three gas-distillate producers in the Glen Rose lime below 5,000 feet, will drill five additional wells, starting the first immediately, it was officially announced last week.

Portex which is supplying Joaquin and Logansport, La., with gas at present, is also negotiating for outlets for a proposal gas line to Lufkin, Tex., via Center and Nacogdoches.

Production Curtailed.

Due to cutting of runs to 200 barrels per well by pipelines in the Miller county, Arkansas, end of Rodessa, the total daily average production there dropped to 9,507 barrels for the last week a per well average of 183 barrels for each of the 53 wells.

The average on the Texas side of Rodessa was 18,433 barrels from 381 wells or a per well average of 48 barrels. The Louisiana side's average was 42,706 barrels from 427 wells or a per well average of 100 barrels.

The daily average for all of north Louisiana last week, including Rodessa, was 70,720 barrels and in Arkansas, including Rodessa, 46,220 barrels of which 10,700 barrels was from the Shuler field.

OIL NEWS

Four Shuler Wells Due In This Week

Special to the Gazette. 12-19-37

El Dorado, Dec. 18.—Three new producers are expected to be completed and another old producer re-completed in the Shuler deep sand area west of El Dorado this week-end and next week. There are already four producers in the Jones sand or Reynolds lime with total daily production of more than 4,700 barrels daily, and nine other tests are either drilling or coring for the deep sand.

Completion of one of the wells as a producer will extend the Jones sand producing area more than a mile and a half northwest of the discovery well.

Coring operations are under way on another test about a mile southwest of the discovery well, and completion of this test probably will result in new activities in a new part of the field, section 19-18-17. All of the completed tests in the Jones sand have been confined to sections 17-18-17 and 18-18-17.

The next completion expected is a re-completion job on the Marine No. 1 test of Jones, Murphy and Hurley in section 17-18-17, which was completed in the Jones sand several months ago and produced from 2,400 to 2,500 barrels of oil daily until it began showing large quantities of salt water two weeks ago. Since the well began to produce salt water, two other wells have been completed in the Jones sand and as neither made any showing of salt water, operators decided that the Marine No. 1's water was coming from a sand other than the oil sand and started a "squeeze" job to case off formations other than that in which the well is producing.

Two hundred sacks of cement were used in the squeeze job and plug was drilled Thursday. Casing was run Friday and new testing operations on the well were expected to be completed this week-end. The test is located in the northwest corner of the southwest quarter of the southeast quarter of the section.

Lion Test Due.

The next completion in the field is expected to be the Marine No. 1 test of the Lion Oil Refining Company in the northeast corner of the southeast quarter of the southwest quarter of section 17-18-17 a west off-set to the discovery well. The test encountered 60 feet of heavily saturated oil sand from 7,518 feet to 7,586 feet and coring was continued to 7,645 feet before casing was set. The Reynolds lime was encountered at 7,623 feet, but no saturation was shown. Final testing is expected next week.

Jones, Murphy and Hurley set casing Thursday for final testing on their Marine No. 4 test in the southeast corner of the southwest quarter of the southeast quarter of section 17-18-17 southeast of the southwest quarter of the southeast quarter of section 17-18-17 southeast of the discovery well. The test encountered the Jones sand at 7,535 feet and cored through the formation at about 7,589 feet. Casing was set at 7,604 feet, and final testing is expected early next week.

The Marine Oil Company plans to set casing at a depth of about 7,595 feet in its Justiss No. 2 test this week-end after encountering more than 60 feet of heavily saturated oil sand in the Jones formation at 7,520 feet and penetrating the formation at 7,580 feet. Drilling was continued to 7,592 feet, where three sections of drill pipe, a drill collar and a bit were twisted off in the hole Wednesday. They were recovered Thursday. The hole was reconditioned Thursday and operators announced plans to run casing and cement for final testing. It is expected that final testing will get under way late next week.

The Lion Company started coring operations Thursday on its Justiss A-1 test in the northeast corner of the northwest quarter of the northeast quarter of section 19-18-17, the only test in that section drilling to the deep sand. The first core from 7,490 to 7,511 feet showed gray sandy shale. The Jones sand is expected to be encountered at about 7,550 feet.

The Lion Company will start coring this week-end on its Morgan B-3 test at about 7,525 feet. Operators encountered difficulties earlier this week when seven joints of pipe and a drill collar and bit were lost in a washout. The pipe was recovered after a day's fishing.

The Phillips Petroleum Company is drilling at 7,159 feet in its Jennings No. 1 test in Section 18-18-17 and is expected to start coring operations soon. The same company is drilling at 5,588 feet on its Justiss No. 2 test in Section 18-18-17 and at a depth of 4,943 feet on its Marks No. 2 test in the same section. Phillips set surface casing at 227 feet on its National No. 1 test in Section 17-18-17.

The Marine Oil Company is drilling at 5,433 feet on its Fee No. 3 test in Section 17-188-17. The Alice Sidney Oil Company is drilling at 5,655 feet on its Morgan No. 3 test in Section 18-18-17. The Lion Oil Company is drilling at 6,615 feet on its Morgan B-4 test in Section 18-18-17 and at 5,985 feet on its Morgan C-1 test in the same section.

Conservation Board Meeting Tomorrow.

Rules and regulations for a casing and spacing program in the new Buckner area of Columbia county near the Lafayette county line will be considered by the Arkansas state Board of Conservation at a special meeting at the courthouse at 10 a. m. Monday. The board will consider also the question of allocating production in the Shuler area of Union county. The request for the hearing for drilling rules for the Buckner area was made by the Standard Oil Company, which recently completed its McKean No. 1 test in Section 8-16-22 for a big producer in the lime formation.

Operators in the Shuler field asked the board to set production allowables for the Shuler field. The board last month set casing rules for the Shuler field with reference to the Jones sand.

The board is expected to announce also its decision on three substitute proposals for a production allowable order for the South Miller county field, effective January 1. Senator H. M. Barney of Texarkana proposed that production allowables be based on gas-oil ratio and bottom hole pressure and set out a list of proposed allowables for each well now producing in the area. Charles Wine, Texarkana lawyer, suggested an allowable based on gas-oil ratio only and a Mr. Grasty, an operator, proposed that the allowable be based 25 per cent on acreage and 75 per cent on potential, with gas-oil ratio and bottom hole pressure as factors. The rule of the board based allowables 50 per cent on acreage and 50 per cent on potential.

New Drill Permit Issued.

W. L. McClannahan obtained permit to drill the Capps Brothers C-1 test 330 feet north and 330 feet east of the southwest corner of the east half of the west half of the fractional Section 14-20-28 in Miller county.

The Tide Water Associated Oil Company obtained permit to plug and abandon the C. M. Crumplet No. 1 test in the center of the southwest quarter of the northeast quarter of the southwest quarter of Section 24-17-19 in Columbia county. Permit for the T. P. Greer No. 1 test 330 feet north and 330 feet west of the southeast corner of the southwest quarter of the northwest quarter of Section 11-20-28 in Miller county, originally issued to W. L. McClannahan, was transferred to the Potter Drilling Company.

Change in location was made on the Eunice Westbrook No. 1 test of Eunice Westbrook in Section 1-20-28 in Miller county. The new location is 330 feet from the south line and 140.25 feet from the east and west lines of an 8 1-2-acre tract on the west side of a tract containing 33 1-2 acres off the east side of the southeast quarter of the southeast quarter of the section.

Shreveport Oil Area Witnesses Second Slack Week.

Special to the Gazette.

Shreveport, La., Dec. 18.—Lagging, routine activity was again witnessed in the Shreveport district this week with no developments of importance reported from the list of Ark-La-Tex wildcats. Operators look for activity to drop to an even lower ebb and not to pick up again until early in 1938.

An additional crude outlet was promised, as the week closed, for the Lisbon field, Claiborne and Lincoln parishes, as Barber and Woods of Houston, Tex., announced plans for a 28-mile six-inch line from the field to a loading rack near Minden on the L. and A. railroad. Operators plan to take 5,000 barrels daily.

Long Bell No. 1 Abandoned.

Hopes of a 1 3-4 mile southwest extension of the shallow Zwolle field, Sabine parish, at Hunter Co.'s Long Bell 1, section 23-7-13, faded this week and the hole was abandoned at 2,565 feet after treatment with acid. Two wildcats in Sabine were abandoned. Larry Romine et all junked Louisiana Long Leaf 1, section 7-5-12, at 5,218 feet and Phillips and Fox abandoned Cook 1, section 1-9-12 at 3,655 feet.

Seaboard Oil Corp. and H. L. Hunt completed Federal Land 1, section 10-16-6 to extend the Bear Creek area of Bienville parish one mile and establish gas production from the Travis Peak zone at 7,879 feet. Flow was estimated at 75 million feet daily. Two wells have been completed in the area from the Glen Rose section.

Magnolia Petroleum Co. et al., spudded and set surface casing this week in Sexton No. 1, 32-23-9, lower Marine zone test in the Shongaloo shallow area of Webster parish. The Union parish wildcat of Standard-Modisett at Frost 1, section 14-21-1, was coring in the lower Marine at 6,680 feet.

Good progress was being made by several North Louisiana wildcats. In Bienville parish, Gulf's Good Pine 1, section 25-14-8, was past 6,375 feet. W. L. McClanahan's Lewis 1, section 25-20-7, Claiborne parish, was at 5,250 feet. In Lincoln parish, E. T. Oakes' Griggs 1, section 36-18-1, was below 5,890 feet. In Red River parish, Arkansas Fuel Oil Co.'s Franklin 1, section 20-11-9, was below 5,025 feet.

Sugar Creek Test Past 8,275 Feet.

The Lower Marine test in the Sugar Creek area, Claiborne parish, of Standard of Louisiana et al at Brownfield 2, section 5-19-5, was past 8,275 feet. In Bossier parish, A. D. Robinson et al.'s Dickson 1, section 22-20-14, was coring past 2,425 feet.

Six new producers were completed this week in the Rodessa district, the Arkansas side adding one, Louisiana two and Texas three. It boosted total oilers in the field to 866, divided 53 in Arkansas, 430 in Louisiana and 383 in Texas.

The per well average on the Arkansas side was 175 barrels, in Louisiana 100 barrels and in Texas 49 barrels. Daily average production this week of the field was 71,039 barrels.

Review of Arkansas Oil Fields

Quality of Oil at Lisbon Is Questioned

Democrat 12-19-37

One Purchaser Cuts Price —Four Shuler Wells in Deep Sand.

Shreveport, La.—A reduction of 12 cents per barrel in the price of Lisbon (La.) crude by one purchasing company this week, which reduction had not been met later in the week by the other, and reports of plans for another pipeline outlet for that field has brought the marketing situation at Lisbon to the fore in north Louisiana.

Lisbon's oil has been the subject of much discussion throughout the life of the field, where the discovery well was completed last Christmas day by E. T. Oakes, H. D. Easton et al., an analysis of the oil as published in oil trade papers does not coincide with pipeline companies' statements that the oil, due to sulphur content, cannot be marketed at the regular gravity basis price.

It was on the basis of this claim that Caddo Pipeline Corporation (Grogan Oil Company) reduced the price, effective December 13, to 98 cents, a 12-cent cut.

Gulf Pipeline Company had not met the reduced price three days later. In a statement to operators at Lisbon, Caddo Corporation officials said that since completion of its six-inch line to the field November 6, it had tried to get a market at the gravity price of Lisbon oil, but without success, but could market it at the reduced price and will take the full allowable from all of its connections where heretofore it has been taking only about 75 per cent of the allowable. This will amount to about 6,700 barrels daily. Gulf Pipeline Company had reduced its purchases sharply October 1, but will now take the full allowable from its connections, it is reported. The allowable at Lisbon at present is 10,000 barrels daily.

A third outlet for Lisbon is proposed by Barker and Woods of Houston, Tex., who recently were reported seeking three-year contracts for Lisbon connections, by laying 28 miles of six-inch line from Lisbon to the L. & A. railroad near Minden, and shipping the oil thence to tidewater by tank car. Previous reports had stated these men planned a line to the Ouachita river near Monroe, where it would take the oil to barges.

Barker and Woods plan to have their line in operation within a short time and will pay the regular gravity scale, it is said. Atlas Pipeline Company will start movement immediately of the first of 150,000 barrels of Lisbon crude to two east Texas refineries of the Hurricane Refining Company (M. J. Grogan). What effect this will have on Hurricane's present east Texas connections has not been revealed, nor has the price to be paid for the Lisbon oil, but as Grogan has his other subsidiary paying 98 cents the price for this movement will certainly not exceed this figure.

Hunt Oil Company and Seaboard probably will deepen No. 1 Federal Land Bank, section 10-16n-6w, Bear Creek district, Bienville parish, that showed 6,000,000 feet of dry gas daily through quarter-inch choke, when tested in the Travis Peak at total depth of 7,879 feet. The open flow at this well at first had been estimated at 80,000,000 feet daily. Porosity was logged from 7,364-77 feet and from 7,385-94 feet.

Another disappointing test the past week was A. O. Olsen and Haynes Drilling Company's No. 1 R. T. Sharpe, section 15-18n-16w, Caddo parish, Blanchard field, that showed only 12 to 15 million feet of gas daily when tested after acidizing at 5,624 feet. It is shut in for gauge. Homer Hurley and Joe Hunter have abandoned location for No. 1 N. B. Stoer, section 10-15-15, Caddo parish wildcat, that had been announced for a deep test.

One of the best wells completed recently in Lisbon was added in Scout Oil Company's No. 2 English, section 30-21n-4w, flowing 71 barrels per hour after acidizing. Total depth is 5,162 feet.

The northeast Louisiana side of Rodessa, which has taken the bulk of the "play" away from the Arkansas end of that field, added a good well this week in Freeman Bufford's No. 2 Cleveland, section 2-23n-16w, completed at 5,950 feet, flowing 39 barrels per hour through half-inch choke.

The Shoreline Oil Company and its striking workers at its refinery at Lewis, Caddo parish, reached an accord last week and the 150 strikers will return to work as the plant gradually resumes operations.

It will continue its "open shop" policy, the company agreeing to respect seniority rights of workers as it has stood ready to do throughout the controversy.

Four tests at Shuler, Union county, Arkansas, are in the lower Marine, or Big Lime horizons, below 7,500 feet, and will be ready for early completion in these zones, which have to date added five wells, four of them in the "Jones sand" of the lower Marine.

The last of the four Jones sand wells was Edwin M. Jones' No. 2, Marine Oil Co., section 17-18-17, that gauged 1,135 barrels in 24 hours, flowing through one and five-eighths inch choke. Total depth is 7,950 feet, but perforations were made at 7,585-7,607 feet.

Jones has cemented perforations in his No. 1 Marine Oil Company test, discovery well of this horizon to shut off salt water present since its completion last summer, and source of which has never been exactly determined. Shuler, during November, produced 189,225 barrels.

Tidewater Associated and Seaboard Oil Corporation junked and abandoned No. 1 C. N. Crumpler, section 24-17-19, Columbia county, Ark., after a long fishing job at 7,563 feet.

Drilling in the Miller county end of Rodessa has dropped sharply in recent weeks, only 13 rigs now being active on the Arkansas side of the field. A flurry of leasing has occurred around Taylor, south Arkansas community, where Standard of Louisiana took some leases.

The Texas Railroad Commission last week took definite steps to separate the Jefferson area, Marion county, Texas, from the Rodessa field. The action was taken after data were offered showing that the Young and Dees sands, heavily productive in the main part of Rodessa, are not present at Jefferson and that the Henderson sand at Jefferson does not appear in the main part of Rodessa.

The commission called a hearing at Jefferson for January 15 at which rules and allowables for Jefferson will be discussed.

Daily average oil production the past week in Rodessa totaled 71,039 barrels divided among the three states as follows: Louisiana, 43,004 barrels; Arkansas, 9,292 barrels; Texas, 18,743 barrels.

This gave the Louisiana side of the field a per well average of 100 barrels; Arkansas, an average of 175 barrels; Texas, 49 barrels.

Daily average production in the whole of north Louisiana, including Rodessa, was 74,080 barrels and Arkansas, including Rodessa, was 43,765 barrels.

Shuler, Ark., had an average of 8,350 barrels.

Three Shuler Wells Near Completion

Lion Company Coring In Two; Jones to Perforate Casing.

El Dorado—The Lion Oil Refining Company continues to core in heavily saturated oil sand in two of its tests in the Shuler area, one of which is a southwest outpost in section 19-18-17, and Jones, Murphy and Hurley were planning to perforate casing at 7,596 to 7,606 feet for recompletion of their Marine No. 1 in section 17-18-17.

Jones et al. have completed their squeeze operations in an effort to shut off salt water. The well is the discovery well in the Jones sand and produced oil at the rate of 2,400 to 2,500 barrels daily until the salt water developed.

It is expected that the perforation job will be completed and tubing run in the hole by Sunday with washing operations started Sunday afternoon or Monday morning.

In the southwest outpost, the Justiss A-1 of the Lion Oil Company, operators continued coring and obtained good showings. The last core was taken from 7,537 to 7,550 feet, with soft porous saturated sand being recovered. Operators are now reaming to the bottom.

The Justiss test is more than half a mile southwest of present production in the Jones sand and the only deep test being drilled in the section. Its completion as a big producer would result in extensive drilling operations.

The Lion Company continued coring in its Morgan B-3 in the proven area and obtained further good showings. The last core, from 7,577 to 7,594, showed soft porous saturated oil sand. Operators are reaming to the bottom.

The Marine Oil Company has completed setting casing at 7,610 feet in its Justiss No. 2, in section 18-18-17, and is expected to complete the well about the middle of the week.

The Lion Company is waiting on casing for its Marine No. 1, in section 17-18-17, and it is expected that plug will be drilled early the coming week.

Coring operations are expected early in the week on the Jennings No. 1 of the Phillipe Company, in section 18-18-17, which Saturday was drilling at 7,277 feet.

The drilling report for the field follows:

Lion and Phillips Morgan A-1, SE 1-4, 18-18-17, producing 718 barrels daily on 20-64-inch choke. Lion Marine No. 1, SW 1-4, 17-18-17, casing set at 7,645 feet. Lion Morgan B3, SE 1-4, 18-18-17, reaming to 7,594 feet. Lion Phillips and Jones D. S. and J. C. Morgan C-1, SE 1-4, 18-18-17, drilling below 6,705 feet. Lion Morgan B-4, SE 1-4, 18-18-17, drilling below 6,135 feet. Lion Justiss A-1, NE 1-4, 19-18-17, coring below 7,550 in porous oil sand.

Jones et al., Marine No. 1, SE 1-4, 17-18-17, preparing to perforate casing. Jones et al., Marine No. 2, SE 1-4, 17-18-17, completed as producer of 1,248 barrels. Jones et al., Marine No. 4, SE 1-4, 17-18-17, casing set at 7,604 feet.

Marine Justiss No. 2, lot 7 NW 1-4, 18-18-17, casing set at 7,610 feet. Marine Fee No. 3, SW 1-4, 17-18-17, drilling at 5,610 feet.

Alice Sidney D. S. and J. C. Morgan No. 2, SE 1-4, 18-18-17, producing 1,970 barrels per day through one-inch choke. Alice Sidney D. S. and J. C. Morgan No. 3, SE 1-4, 18-18-16, drilling below 5,815 feet.

Phillips Ed Gann No. 1, NE 1-4, 18-18-17, producing 651 barrels on 5-16-inch choke. Phillips Jennings No. 1, NE 1-4, 18-18-17, drilling at 7,227 feet. Phillips Justiss No. 1, lot 6, NW 1-4, 18-18-17, drilling at 5,730 feet. Phillips Justiss No. 2, lot 6, NW 1-4, 18-18-17, drilling at 5,730 feet. Phillips Marks No. 2, lot 2, SW 1-4, 18-18-17, drilling at 5,324 feet. Phillips National No. 1, SW 1-4, 17-18-17, drilling at 846 feet.

Review of Arkansas Oil Fields

Democrat 12-26-37

Operations Slowed Down By Holidays

Much Leasing Evident; New Outlet Gives Lisbon Impetus.

Shreveport, La.—Although drilling activity was somewhat lower than usual in north Louisiana the past week, due to the Christmas holidays, leasing, especially in Union parish, in the southeast "Shuler trend" gained momentum, with indications pointing to a development program of major proportions in that area after the new year.

Chief interest in wildcat drilling centered in two tests in the north Louisiana basin on the west side of the Monroe uplift. In southeast Lincoln parish, E. T. Oakes, H. D. Easton et al's No. 1 Griggs, section 36-18n-1w, after an electrical logging device showed nine feet of lower Glen Rose lime, showed excellent porosity and resistivity at 5,932 to 5,941 feet, was setting five and one-half inch casing on bottom at 6,260 feet, the bottom being in Travis Peak brown shale.

In section 14-21n-1e, Union parish, Joe Modisett and associates' No. 1 Frost, which has been checking very high was in the lower Marine below 6,950 feet. Contract depth is 7,000 feet but it may be taken deeper. No showings have been reported. Standard Oil Company of Louisiana owns an interest in this test.

Tidewater Associated Oil Company, which has been active in leasing in several sections of north Louisiana and Arkansas in recent weeks, has led the leasing campaign in Union parish, having acquired over 3,000 acres in townships 22 and 23 north, ranges 1 and 2 west. Tidewater Associated has recently taken considerable acreage in several sections of Caddo parish.

The greatest leasing and royalty buying at present outside the "Shuler trend" in north Louisiana, is probably at present around the Shongaloo gas field, Webster parish, where Magnolia Petroleum Company is now below 2,700 feet in a lower Marine test, No. 1 Sexton, section 32-23n-9w. This also extends to the flanks of the Cotton Valley where 27 lower Marine gas-distillate producers have so far been completed.

Accumulated distillate production from 21 of the 27 lower Marine wells at Cotton Valley to December 1 was 658,079 barrels.

Stanolind Oil and Gas Company is reported to have acquired a block of 6,000 acres around section 35-22n-10w, Webster parish, from M. H. Marr et al, who had drilled a 6,085-foot dry hole thereon, but lower Marine development at Cotton Valley and the play at Shongaloo have revived interest in the area.

Good News for Lisbon.

Work of surveying a right-of-way for Clyde Barbour and Gil Woods' proposed 28-mile, six-inch pipe line from the Lisbon field, in township 20 north, range 5 west, to a point on the Louisiana and Arkansas railroad near Minden, Webster parish, will be started next week. Barbour and Woods have announced they will pay the regular gravity scale price of $1.10 per barrel for Lisbon crude. Caddo Crude Oil Purchasing Company (Grogan) recently cut the price 12 cents to 98 cents and this was followed a few days later by a similar reduction in price by Gulf Refining Company. These two companies are now taking the full 10,000-barrel daily allowable from the field. Barbour and Woods have secured contracts for 53 connections in the field, approximately one-third of the total.

The contracts tendered by Barbour and Woods are for three years. They will construct their own gathering system in Lisbon. Daily average production at Lisbon jumped from 3,600 to 8,500 barrels daily.

The announcement of plans for this line by Barbour and Woods, who are said to have ample financial backing, has caused a spurt in Lisbon activity.

The maximum per well allowable of lower Marine wells at 7,500 feet in the Shuler field will be 400 barrels, effective January 1, the Arkansas Board of Conservation announced following a hearing. The individual well's allowable will be determined on its gas-oil ratio and bottom hole pressure as a 50 per cent basis of allocation, the other 50 per cent being based on acreage. A 20-acre space rule as set some time ago calls for one well to each 20 acres.

The Arkansas Board of Conservation also heard recommendations of the Standard Oil Company of Louisiana for spacing and casing rules for the Buckner field, Columbia county, recently discovered below 7,200 feet by this company in Permian lime. The Standard recommended a 40-acre rule with pooling of tracts for small landowners. The recommendations were taken under advisement.

Buckner Gets "Play".

The leasing play that has arisen from the Buckner strike continues unabated in Columbia and LaFayette counties. A heavy buyer of acreage in Buckner has been Clarence Teubel and around the hamlet of Welcome, northwest of Buckner, Lion, H. L. Hunt, Skelly Oil and North Central Texas have joined in the play in which Phillips Petroleum Company was the leader. Standard of Louisiana has taken over 3,000 acres in the same county near Taylor with several other companies getting into the play. This followed reported discovery of a "high" in the vicinity.

Standolind Oil and Gas Company is leasing in LaFayette county north of Stamps around section 32-16-23, and, southwest of Buckner, H. H. Kinard has been a large buyer of royalties. Magnolia Petroleum Company has leased several hundred acres near the village of Dennis around section 4-20-24.

Two new lower Marine Oil Company wells were added at Shuler this week, bringing the total there to six, and six others are below 6,500 feet.

Benedum and Trees Oil Company last week made location for a Permian lime wildcat test in Ouachita county, No. 1 Mitchell, section 4-14-19. In section 16-14-19, A. H. Tarver, Shreveport independent, has also made a location. Benedum and Trees have a 5,000-acre block.

Recent decision of the Texas Railroad Commission to "divorce" the Jefferson area, Marion county, Texas, from the rest of Rodessa, making Jefferson a separate field may be complicated by the fact that a test between the two areas is looming for an oil producer. This test is H. B. Turner et al's No. 1 Scuddy, J. Hanks survey, credited with logging 33 feet of saturated Gloyd formation, from 5,993 to 6,026 feet. Production test is being made. A railroad commission hearing will be held January 15 to give an allowable to Jefferson.

Daily average production in Rodessa mounted 1,379 barrels the past week to 72,418 barrels, due to increases in Louisiana and Arkansas. The Louisiana side of the field for the week just ended averaged 44,202 barrels, as compared to 43,004 the week before. Arkansas's average mounted to 9,738 barrels from 9,292 barrels the preceding seven-day period. Texas' average for the last week was 18,478 barrels.

Louisiana's side which added two wells last week to bring the total of producers on that side to 432, had a per well average of 102 barrels. Arkansas added one well to bring its total to 54 and had a per well average of 180 barrels, while Texas added four wells to bring its total producers to 387 and had a per well average of 48 barrels.

Review of Arkansas Oil Fields

Lisbon, Capps, Shuler Fields Tops in 1937

Democrat 1-2-38

Both States Show Gains With Much Activity As Year Closes.

Shreveport, La.—North Louisiana's greatest achievement in oil production during 1937 was the development of the Lisbon field, Claiborne and Lincoln parishes, which enters 1938 with 165 producing wells and not a single dry hole so far chalked up against it.

It was on Christmas Day, 1936, that E. T. Oates, H. D. Easton et al's No. 2 patton estate, NE. NE. section 1-20n-5w, was completed at 5,373 feet in basal Glen Rose lime to open this field which in its year of existance has fought against the odds of lack of adequate pipe line facilities to emerge the victor with a bright outlook before it.

Other 1937 developments in North Louisiana included: Completion of one small oil well and one small gasser in section 36-11n-11w, De Soto parish, in Tokio formation; discovery of a gas field in the Glen Rose in section 32-19n-2w Lincoln parish, near Rust on; development of the lower Marine horizon at Cotton Valley, Webster parish, below 8,000 feet, as a gas-distillate producing horizon, with over 400 feet of producing formation, indicating the greatest potential reservoir ever uncovered in North Louisiana; discovery of the Bear Creek gas distillate field in section 5-16n-6w, Bienville parish; discovery of the Travis Peak horizon as productive at 5,700 feet at Sugar Creek, Claiborne parish.

The outstanding wildcat last week was E. T. Oakes, H. D. Easton et al's No. 1 Griggs, section 36-18n-1w, Lincoln parish, which had five and one-half inch casing cemented at 6,121 feet, after Schlumberger log showed nine feet of basal Glen Rose oolitic lime with excellent resistivity and porosity at 5,932 to 5,941 feet. Casing will be perforated at this level and production test made during the week-end.

Joe Modisett et al's No. 1 Frost Lumber Company, section 14-21n-1e, Union parish, was shut down at 7,010 feet, contract depth in lower Marine, but probably will be deepened to the Permiam early in the new year. Hampered by high water, Gulf Oil Corporation's No. 1 Goodpine, section 25-14n-8w, Bienville parish wildcat, was coring at 6,675 feet. W. L. McClanahan's No. 1 Lewis, section 25-20n-7w, Claiborne parish wildcat, was shut down at 5,507 feet, contract depth, but may be deepened to Travis Peak. Arkansas Fuel Oil Company's No. 1 Franklin, section 20-11n-9w, Red River parish wildcat, was drilling below 5,900 feet. Magnolia's 9,000-foot test at Shongaloo, Webster parish, was drilling below 3,350 feet.

The Rodessa field, embracing parts of Louisiana, Arkansas and Texas, enters the new year with 880 producing wells, including 435 in Louisiana, 54 in Arkansas, and the rest in Texas. Daily average production is above 72,000 barrels.

F. F. Meadows, believed to be representing Magnolia Petroleum Company, was busy last week leasing around the old Cartersville shallow field, Bossier parish, in township 23 north, range 12 west. In Franklin parish, six miles southeast of Winnsboro, the parish seat, Continental Oil Company is assembling an 8,000-acre block after a seismic unit worked the area.

In the general area where Gulf's Bienville wildcat test is drilling, but across the line in Natchitoches parish, Lion Oil Refining Company paid $2,000 for north half NE 6-13-7. In Rapides parish, Superior Oil Company is taking some leases in township 1, south, range 4, west. Burton Hartley is leasing in the same area. C. H. Murphy of El Dorado, Ark., who recently acquired a block around section 16-22n-2e, Union parish, may assign the acreage to Standard Oil Company of Louisiana which has extensive holdings in that parish.

Buckner, Shuler and Capps.

These three words sum up the high points of oil development in Arkansas during the year 1937.

Buckner and Shuler undoubtedly will eventually eclipse by far in im-

portance the Capps area, the unofficial name by which the Arkansas extension of Rodessa is known, taking this name from the name of the discovery lease.

The Capps area, Miller county, opened last summer by W. L. McClanahan, well-known independent, has so far yielded 56 oil wells but apparently has passed its zenith.

The Buckner area, Columbia county, produces oil from 50 feet of Permian lime. So far there has been but one well completed, Standard of Louisiana's No. 1 J. P. McKean, section 8-16-22, producing from 7,258 feet. It has made Columbia and Lafayette counties a hot-bed of leasing and geophysical activity.

The Shuler field, Union county, opened by Lion Oil Refining Company's No. 1 Edna Morgan, section 18-18-17, at first proved rather disappointing, being found to be lenticular in the 5,500-6,000-foot horizon, where 13 oil wells were completed.

Then came Edwin M. Jones' lower Marine discovery well, in section 17-18-17, producing oil below 7,500 feet, and since then six oil wells have been added in this horizon and, just deeper than this, one Permian lime gas-distillate producer has been added. Twenty drilling operations are now under way in this area.

Last week, due to lack of sufficient storage, Standard's Buckner discovery well was being allowed to flow only eight hours daily through one-eighth-inch tubing choke and in the eight hours was averaging 160 barrels daily. Efforts are being made to unitize the block. Allen G. Thurman is leasing in Columbia county around section 12-20-22.

In Desha county, between the towns of Dumas and Watson, Columbia Carbon Company has taken a geophysical option on a large block of acreage, with land selected to be leased at prices ranging from 75 cents to $2 per acre.

Root Petroleum Company is assembling a block in Union county around section 30-18-14. The acreage is said to cover a geophysical high.

A. H. Tarver's No. 1 Dean, section 16-14-19, Ouachita county, on acreage assigned him by the Benedum and Trees Oil Company, will seek the Premian lime on the north closure of the Troy Fault. Location was made after a careful geophysical survey. A location carried in section 4-14-19 for Benedum and Trees was in error, this location in reality being in section 4-14-20, in the Troy field proper.

Atlantic Refining Company, which recently leased NW NE section 22-18-17, Union county, southeast of Shuler production, has also acquired NE SE section 23-18-17, for $6,000 cash.

Gauges on the two newest deep wells at Shuler are: Lion Oil Refining Company's No. 1 Marine, SE SW section 17-18-17, flowed 2,430 barrels in 24 hours through one-inch choke, and Marine Oil Company's No. 2 B. Justiss, lot 7, NW 18-18-17, flowed 1,225 barrels in 24 hours.

The highlight of east Texas border counties, development during 1937 was discovery of oil production at Jefferson, where Holcomb, Thomasson et al., completed the discovery well at No. 1 Lizzie Henderson, R. Bennington survey. To date Marion county, including the Jefferson area and the Lodi nose, has 44 producing wells. Last week Turner et al.'s No. 1 Scuddy, J. Hanks survey, Marion county, midway between Jefferson and Lodi, was added as a 557-barrel daily producer from the Gloyd Horizon.

Jefferson has been declared a separate pool by the Texas Railroad Commission, which will hold a hearing at Jefferson January 15, to set an allowable for Jefferson. Meanwhile all Rodessa wells in Texas are being allowed to produce their full allowable regardless of gas-oil ratio until January 15.

OIL NEWS

Ninth Well In Jones Sand Due 1-2-38 In This Week

Special to the Gazette.

El Dorado, Jan. 1.—Two new producers were completed this week, and another is expected to be completed this week-end in the Jones sand of the Shuler area of Union county west of El Dorado to make a total of nine producers in the Jones sand. Casing is expected to be set on a 10th well this week-end, and another test is coring in the Jones sand and casing is expected to be set soon. Drilling also is under way on six other tests and four others are expected soon.

Total daily average production from the eight Jones sand producers in the Shuler field before the allocation order of the state Conservation Department, effective today, was 11,730 barrels or an average of 1,466 barrels per well as compared to the 400 barrels per well allowed under the allocation order.

The allocation order does not apply to the Reynolds lime of the Shuler field, in which one well is producing 602 barrels daily, or the Morgan sands, from which 11 wells are producing 3,270 barrels daily. Miller county also was affected by an allocation order, effective today, providing for total daily production of 10,328 barrels daily from the 57 wells producing in the field. Four wells in the field, because of their high gas-oil ratio, were classed as gas wells.

New Wells Largest In Field.

The two wells completed this week in the Shuler field are the largest producers in the field. The first was the Justiss No. 2 test of the Marine Oil Company in section 18-18-17. The well enocuntered the Jones sand from 7,520 to 7,580 feet with heavy saturation and casing was set at 7,640 feet. Casing was perforated from 7,530 to 7,580 feet and the well was washed in early this week with initial flow of 70 barrels per hour through a quarter-inch choke.

Second completion was the Morgan B-3 test of the Lion Oil Refining Company in section 18-18-17, which encountered the Jones sand from 7,558 to 7,608 feet and set casing in the big lime below 7,650 feet. The well flowed about 100 barrels per hour on a one-inch choke and later increased its production to about 144 barrels per hour.

The same operators Thursday perforated casing from 7,530 to 7,565 feet in their Justiss A-1 test in section 19-18-17 the southwest outpost and the only well in that section drilled to the Jones sand. Tubing was run in Friday and completion is expected this week-end. The test encountered good showings of oil in the Jones said from 7,530 to 7,590 feet.

Operators on the Jennings No. 1 test of the Phillips Petroleum Company in section 18-18-17 are coring in the big lime at 7,664 feet after encountering good oil showings in the Jones sand from 7,551 to 7,626 feet. It is expected that casing will be set this week-end and the well completed next week.

Another completion expected soon is the Morgan C-1 of the Lion and Phillips companies and Jones, Murphy and Hurley in section 18-18-17, which this week was coring rich oil sand in the Jones formation.. Operators encountered the Jones formation at 7,516 feet and were still coring in the formation at 7,572 feet.

The Lion Company is drilling at 6,542 feet on its Morgan B-4 test in section 18-18-17 and is building derrick for the Morgan B-5 test in the same section. The Lion Company is clearing location for the Marine Fee No. 2 test in section 17-18-17.

The Alice Sidney Oil Company is drilling below 6,700 feet on its Morgan No. 3 test in section 18-18-17 and the Marine Oil Company is drilling at 6,532 feet on its Fee No. 3 test in sectio 17-18-17.

The Phillips Company is drilling ahead on three tests to the Jones sand, one in section 17-18-17 and two in section 18-18-17. The test in section 17-18-17 is the First National Bank No. 1, drilling below 3,375 feet and the two in section 18-18-17 are the Justiss No. 2, which is drilling below 6,499 feet and the Marks No. 2, drilling below 6,211 feet.

Marine Begins Two New Tests.

After completion of its Justiss No. 2 well for a big producer the Marine Oil Company this week made locations for two new tests to be drilled on the same lease. They will be the Justiss No. 3 located 330 feet south and 330 feet west of the northeast corner of lot seven in the northwest quarter of section 18-18-17 and the Justiss No. 4 test located in the center of lot seven in the northwest quarter of section 18-18-17.

Although there has been but one producer completed in the Shuler area, the Arkansas Board of Conservation will hold a special meeting January 10 to consider allocation of production from the lime. The producer is the Morgan A-1 of the Lion and Phillips companies in the center of lot one in the southwest quarter of section 18-18-17, the discovery well in the Shuler area, producing 602 barrels of distillate per day through a one-third inch choke.

No allocation has as yet been considered for the Morgan sands in the Shuler field, as present production from the sand is now only 3,270 barrels daily from the 11 producing wells in the zone.

New Off-Sets to Be Drilled Soon.

In the Buckner area of Columbia and Lafayette counties, drilling activities are expected to get under way soon on a new test in the vicinity of the recently completed McKean No. 1 test of the Standard Oil Company. The new test will be the Taubel No. 1 test in the southeast quarter of the northwest quarter of section 18-16-22 in Lafayette county, three quarters of a mile southwest of the dissovery well, just over the line in Columbia county. The discovery well is producing 400 barrels daily on a one-eighths inch choke in the Permain lime at a depth of 7,200 feet. The Standard company is expected to start operations on an off-set test to the discovery well in a short time.

The Standard Company is reported assembling a large block of acreage centering around 15-17-19 in the Village area of Columbia county near the Union county line and indications are that a well will be drilled in that section in the near future.

In Lafayette county, north of Stamps, the Stanolind Company is assembling acreage in sections 30, 31 and 32 township 16, range 23 and east of Dennis the Magnolia Petroleum Company has several hundred acres of leases in sections 4, 5, 6, and 7 in township 20 range 24.

The Lion Oil Refining Company this week obtained permits to drill the Edna Morgan B-5 located 330 feet from the south line and 330 feet from the east line of the west half of the southeast quarter of section 18-18-17 and the Marine Oil Company No. 2 test, 330 feet from the south line and 330 feet from the west line of the east half of the southeast quarter of section 17-18-17, both in Union county.

Correction of location was made for the Mitchell No. 1 of Benedum and Trees in Nevada county, which will be located 330 feet north and 330 feet west of the southeast corner of the southwest quarter of the southeast quarter of section 4-14-20.

Review of Arkansas Oil Fields

Completion of Two Wells Due Coming Week

Democrat 1-9-38

Two Others at Shuler About to Core; Buckner Location Made.

El Dorado—Completion of two more tests in the Shuler area are expected early the coming week, and others are nearing the coring stage in the Jones sand.

Operators on the Morgan C-1, a joint operation of the Lion and Phillips companies and Jones, Murphy and Hurley, in section 18-18-17, are perforating casing from 7,528 to 7,556 feet, and are expected to run tubing Sunday or Monday and start testing of the well the first part of the week.

The Phillips Company is expected to start perforating in its Jennings No. 1, in section 18-18-17, Sunday, and testing is expected to be started Monday or Tuesday.

Another new location has been made in the field by the Marine Oil Company. The well will be the Fee No. 4, located 330 feet east and 430 feet south of the northwest corner of the southwest quarter of the southwest quarter, section 18-18-17.

Permit was also issued Saturday for a new test in the new Buckner area in LaFayette county. This new test will be the H. L. Tatum No. 1 test of Lillian Taubel, and will be 520 feet west and 500 feet south of the northeast corner of the southeast quarter of the northwest quarter of section 18-16-22, LaFayette county. The test is about a half mle southwest of the McKean No. 1, discovery well of the Standard Oil Company, across the line in Columbia county.

Production figures on the South Miller county field were released by C. E. Harris, chief conservation agent, Arkansas State Board of Conservation. The report showed that the 58 producing wells in the field yielded a total of 261,269 barrels of oil in December and had produced a total of 1,187,995 barrels up until the first of the year. Production in the field in January is limited to 10,329 barrels daily.

Announcement of plans for drilling of a shallow sand test in the Urbana area was made by W. D. Wingfield, well-known El Dorado operator. The test will be known as the W. D. Wingfield Trustee, Kidd Estate No. 1, in the northeast of the southwest of section 15-18-13. Wingfield announced rig was being moved to the location Saturday. A test of the 2,300-foot sand is planned.

Saturday's drilling report follows:

Lion, Phillips and Jones, D. S. and J. C. Morgan C-1, SE. quarter, 18-18-17, preparing to perforate. Lion, Morgan B-4, SE quarter 18-18-17, drilling at 7,080. Lion, Morgan B-5, SE quarter 18-18-17, rigging up. Lion Marine No. 2, SE quarter 17-18-17, building derrick. Lion, Mox A-4, lot 1, SW quarter 18-18-17, moving in rig. Lion, Miller No. 1, SWC, NW, NE 18-18-17, digging cellar. Lion, Morgan C-2, SE, SE 18-19-18, location made.

Marine, fee No. 3, NW, SW 17-18-17, drilling at 7,175 feet. Marine, fee No. 4, SW, SW 17-18-17, location made. Marine, Justiss No. 3, lot 7, NW quarter 18-18-17, location made. Marine, Justiss No. 4, lot 7, NW quarter 18-18-17, surface casing set at 139 feet.

Alice Sidney D. S. and J. C. Morgan No. 3, NE quarter SE quarter 18-18-17, drilling below 7,227.

Phillips, Jennings No. 1, SW quarter NE quarter 18-18-17, casing set at 7,708 feet, total depth 7,733 feet, preparing to perforate. Phillips, Justiss No. 2, lot 6, NW quarter 18-18-17, drilling at 7,168 feet. Phillips, Marks No. 2, lot 2, SW quarter 18-18-17, drilling at 7,045 feet. Phillips, National No. 1, NE SW 17-18-17, drilling at 5,503 feet. Phillips, Rosen No. 2, NE SE 18-18-17, rigging up.

Rodessa Field In Louisiana Slowed Down

Democrat 1-9-38

Limits About Reached—Lisbon and Shuler to Get 1938 Play.

Shreveport, La.—North Louisiana oil activity is off to a slow start for 1938, due to rains, high water and heavy roads, but the Lisbon Glen Rose lime field, which is expected to reach its peak during the coming 12 months, accounted for six new wells and eight new locations last week, to lead activity in this area.

Testing of north Louisiana's most interesting wildcat at the present time, E. T. Oakes, H. D. Easton et al's No. 1 Graiggs, SW 1-4 Section 36-18n-1w, Lincoln parish, which showed nine feet of basal Glen Rose lime with good porosity and resistivity at 5,932 to 5,941 feet, was delayed due to work on titles to some of the leases. An active trading campaign in royalties and leases has developed around this test which is four miles southeast of the village of Choudrant.

Outcome of Standard Oil Company et al's No. 2 Browning, section 6-19n-5w, Claiborne parish, lower Marine test in the Sugar Creek Glen Rose and Travis Peak field, was also watched as the well cored ahead in sand at 8,696 feet, in lower Marine sand. It was at 8,616 feet that a nearby test hung pipe while trying for a test and plugged back to the Travis Peak where it was completed, to open production in that horizon at Sugar Creek.

Other wildcats at interesting depths which were drilling included Arkansas Fuel Oil Company's No. 1 Franklin, section 20-11n-9w, Red River parish, at 6,082 feet, and Gulf Oil Corporation's No. 1 Coopine, section 25-14n-8w, Bienville parish, coring black shale with streaks of lime at 6,887 feet.

Several drilling operations in the lower Marine field at Cotton Valley, Webster parish, where inundated by high water, retarding drilling in that area where approximately 20 active tests are now under way.

A. D. Robinson et al's No. 1 Dickson, section 22-20n-14w, Caddo parish, wildcat, was preparing to test at total depth of 2,453 feet in Tokio, after five and three-sixteenths inch casing was cemented at 2,400 feet.

The Rodessa field on the Louisiana side had a quiet week, adding only one well, F. W. Burford's No. 2 Cleveland, section 2-23n-16w, in the south extension of the Arkansas part of the field, which was completed making 25 barrels per hour.

As the new year opened there were 28 of the 434 wells on the Louisiana side of the Rodessa field on the pump and 30 others were using artificial lift. Lion Oil Refining Company has been issued permit to drill a salt water disposal on its Wynn lease in the extreme northeast edge of the field, in section 9-23n-15w. Salt water encroachment has been steadily mounting in some of the edge wells on the Louisiana side of the field and in some of the more intensely drilled portions. The Louisiana side will see comparatively little drilling in 1938 as the limits of this part of the field are being defined.

Lisbon on the other hand, in the opinion of several engineers, may reach as high as 25,000 productive acres. No water level there has yet been determined and it is a good example of a stratigraphic trap type oil field. The production during 1937 exceeded 2,000,000 barrels, or more than 13,000 barrels per well, under pro-ration and an uncertain outlet problem.

Cotton Valley, Webster parish, uncovered as productive in the lower Marine below 8,000 feet, added a possible potential recovery of one hundred million barrels and, with approximately 30 wells and a score drilling, should be an important factor in 1938.

In fact, north Louisiana faces 1938 with the prospects of lower Marine exploration, and in some cases possibly Permian lime exploration, as the order of the day, rather than exploration for the Glen Rose and Travis Peak that was to the fore in 1936 and 1937.

Magnolia Petroleum Company's No. 1 Sexton, section 32-233n-9w, deep test at Shongaloo, Webster parish, was drilling below 4,400 feet after topping first anhydrite at 4,175 feet.

First of a ten-well shallow drilling program for the chalk and Tokio formations was spudded in the Pine Island field in section 31-21n-5w, by J. W. Mitchell of Rodessa.

The lower Marine producing horizon of the Shuler, Arkansas, field was extended one-half mile south with successful completion of Lion Oil Refining Company's No. A-1 Justiss, northeast quarter section 19-18-17, Union county, after casing was perforated at the Jones sand at 7,530-65 feet and after seven-inch casing was set on bottom at 7,664 feet. This well flowed 86 barrels per hour through half-inch tubing choke.

Field Holds Promise.

The lower Marine at Shuler now has nine producing wells besides one in the Permian lime which is a gas-distillate well making over 600 barrels of distillate daily. Wells at Shuler went under a 400-barrel-per-day-per-well pro-ration schedule January 1 but had quite a "field day" in production before the lid was clamped on.

Three new locations were announced there last week, two by Marine Oil Company, one for the lower Marine and one for Permian lime and both in section 18-18-17. Texas-Canadian Oil Company made an outside location in section 22-18-17. While too early to prognosticate as to the size of Shuler the uniform thickness of the lower Marine sand of some 70 feet indicates a wide area and present wells are believed on one flank of the structure.

The Miller county, Arkansas, extension of Rodessa added only one well the past week to boost its total to 57 oil wells, as the 10,329 barrel daily allowable for the field went into effect. The rain and bad roads were especially hampering activity in this field. This was also true in the newly discovered Buckner area, Columbia and Lafayette counties, where three new locations had been previously announced. Standard of Louisiana, which made two of the three, had to build roads to the locations to haul in materials.

East of the shallow Troy field, but in Ouachita county, A. H. Tarver was setting arranging to plug back and set casing to test an oil showing in the Nacatosh sand at 1,304 feet in No. 1 Dean, section 16-15-19. The test had been taken to 2,225 feet into the Tokio and will not be a deep test. It was in this section that Benedum and Trees, who owned the block, had indicated a Permian lime test would be drilled.

Engineers of a number of oil companies met in Jefferson, Tex., to compile data and map a program of recommendations to be presented to the Texas railroad commission at a hearing in that Marion county town January 14, on an allowable and other regulations for that end of the Rodessa field.

Meanwhile a leasing party was reported to have developed southwest of Jefferson and between there and Longview, Gregg county, along a theoretically southwest extension of the Rodessa fault.

Proration Cuts Yield.

Daily average production last week in the Rodessa field totaled 70,555 barrels divided among the three parts of the field as follows: Arkansas, 9,500 barrels; Louisiana, 42,495 barrels, and Texas, 18,570 barrels. This was a per well average for the field of 79 barrels, the per well average in Arkansas being 161 barrels; Louisiana, 97 barrels; and Texas, 47 barrels.

Seven wells were added in Rodessa last week to bring the grand total there to 887 wells.

Daily average production for the entire north Louisiana territory, embracing its part of Rodessa, was 78,375 barrels, and for all of Arkansas, embracing its side of Rodessa, 42,525 barrels. Shuler, Ark., had an average of 7,150 barrels, a big drop from the previous week, but placing of pro-ration to 400 barrels per well was responsible for the decline.

OIL NEWS

Two More Big Producers Due In This Week

Special to the Gazette. 1-9-38

El Dorado, Jan. 8.—The rush to complete producers before the allocation of production order became effective in the Shuler field January 1 has subsided, and only two completions in the field are expected this week-end. Nine wells had been completed in the Jones sand before the allocation order became effective.

There are seven other tests drilling in the area, and operations are to be started on five other tests soon.

Latest completion was the Justiss A-1 test of the Lion Oil and Refining Company in section 19-18-17, southwest of production, which was completed for a producer, with a capacity estimated of 8,000 to 10,000 barrels daily.

The Justiss test is the only well in section 19 drilled to the Jones sand and is more than a half-mile southwest of previous production in the area. Completion of the test for a big producer is expected to bring other operations in that section of the field.

Morgan C-1 Next.

Next completion in the field is expected to be the Morgan C-1 test of the Lion, Phillips and Jones and associates in section 18-18-17. The test encounterd the Jones sand at 7,516 feet and cored more than 60 feet of heavily saturated oil formation before casing was set. Operators plan to drill the plug today and final testing of the well is expected to be started tomorrow.

The other completion scheduled for this week-end is the Jennings No. 1 test of the Phillips Company in section 18-18-17. The test encountered more than 70 feet of oil saturated formations in the Jones sand from 7,551 to 7,626 and cored down to the Reynolds lime formation below 7,700 feet before setting casing. Slight saturation was encountered in the lime, and casing was set at 7,708 feet, with total depth of the hole 7,733 feet. Operators were expected to drill plug tomorrow and start final testing operations Monday.

The Alice Sidney Oil Company is expected to start coring operations early next week on its Morgan No. 3 test in section 18-18-17. The well is now drilling below 7,230 feet.

Next deepest test in the field is the Fee No. 3 test of the Marine Oil Company in section 17-18-17, drilling below 7,150 feet. The same operators this week started drilling operations on the Fee No. 4 test in section 17-18-17.

The Phillips Company is drilling below 5,000 feet on three tests and the Lion Company is nearing 7,000 feet on another. The Phillips is drilling at 6,995 feet on the Justiss No. 2 test in section 18-18-17, and at 6,850 feet on the Marks No. 2 in the same section and at 5,252 feet on the First National No. 1 test in section 17-18-17.

The Lion Company is drilling below 6,988 feet on the Morgan B-4 test in section 18-18-17. The Lion Company, this week made locations for four new tests in the Shuler field, three in section 18-18-17 and one in section 17-18-17.

The test in section 17-18-17 is the Marine No. 2 test, 330 feet north and 330 feet east of the southwest corner of the east half of the southeast quarter of section 17-18-17. The tests in section 18-18-17 are the Morgan B-5, 330 feet north and 330 feet west of the southeast corner of the east half of the southeast quarter of the section; the Morgan A-4, 430 feet east and 330 feet south of the northwest corner of lot one in the southwest quarter of the section; and the Morgan C-2, 330 feet north and 330 feet east of the southwest corner of the southeast quarter of the southeast quarter of the section.

Marines Plans Two New Tests.

The Marine Company last week made locations for two new tests in section 18-18-17, one of which is to be drilled to the big lime formation and the other to the Jones sand. The Justiss No. 4 in the center of lot seven in the northwest quarter of the section, will be drilled to the big lime and the Justiss No. 3 in the northeast corner of the northwest quarter of the same lot, will be drilled to the Jones sand.

Daily production from the nine wells completed in the Jones sand is limited to 400 barrels each, whereas on the last few days before the allocation order became effective the daily production from the nine wells totaled in excess of 16,000 barrels.

In addition to the Jones sand producers, there is a well producing in the