300 feet flud. Total depth 2,004 feet 300 feet flud. Total depth 2,004 feet. Phillips Petroleum Company Clayton No. 1, Sec. 35-15-15. Completed September 12, 77 barrels Arkansas heavy oil. Total depth 2,043 feet. J. D. Reynolds, Fee No. 1, Sec. 27-15-15. Coring, 2,004 feet. Standard Oil Company, Arnold No. 12, Sec. 26-15-16. Drilling 1,015 feet

The department last week granted seven new drilling permits, one each in Prairie, Little River, Columbia and Union counties and three in Ouachita

county. Three permits were granted to plug and abandon wells in Union county and one in Pulaski county. Three permits to perforate were granted in Ouachita county and four in Union county.

New drilling permits follow:

Transcontinental Oil Company, Louis Novack No. 1, Section 36-2-6, Prairie

Buck Oil Company, J. J. Taaffe No. 1, Section 25-12-32, Little River county. Phillips Petroleum Company, C. P. Newton No. 2, Section 34-15-15, and W. M. Scott No. 4, same. Ouachita coun-

ty.
Standard Oil Company of Louisiana,
J. T. Arnold No. 12, Section 26-15-16,
Ouachita county.
Magnolia Petroleum Company, M. C.
Schmidt No. 1, Section 15-17-14, Un-

TEST OF WILDCAT WELL TOMORROW

Much Interest Manifested in Estes Lease Near El Dorado Limits.

El Dorado, Oct. 5.—Interest over the week-end in the El Dorado oil district is centered around the wildcat test of O. W. Estes on the Ike Felsenthal land in section 2-18-15, a little more than a mile southeast of the El Dorado city limits. Plug was drilled in the test today and bailing is scheduled for tomorrow.

test today and bailing is scheduled for tomorrow.

It is believed a new pool will be opened up in the Nacatosh sand when the well is bailed. Several joints of oil was obtained in a drill stem test, and cores indicated a good sand. The well is about three miles from the nearest production, the Jones & Grimes pool, southeast of El Dorado. Trading in leases and royalty has been active.

The Houston Oil Company is deepening its Wilson well in the McDonald field of Ouachita county in section 25-15-18, after failing to obtain a producing sand in the upper level. Timberlake and others expect to make a producer from their test in the McDonald field.

Donald field.

Donald field.

The feature completion of the week was the Foster No. 1 on the Murph farm in section 35-15-16, a short distance north of the Smackover city limits. This well will make about 40 barrels from the Nacatosh sand. It was drilled on a tract in the midst of producers, which was in litigation at the time of the drilling boom in the Smackover field.

Five wildcat locations in Union

Five wildcat locations in Union county are attracting considerable attention. They are: Edwin Jones location in section 17-19-14, about nine miles northeast of Junction City: Arkansas Drilling Company Norris No. 1, section 17-18-12, northwest of Strong; Roxana Petroleum Company, Swilley No. 1, section 19-18-16, near Wesson; Location 19-18-16, near No. 1, section 19-18-16, near Wesson; Joe Hurley and associates, location near Pigeon Hill, in the east end of the county, and W. M. Coats, trustee, McDuffee No. 1 in section 32-19-16, five miles west of Junction City. The Coats well was drilled nearly two months ago and casing set at 4,100 feet, but no announcement has been made as to plans for testing.

WILDCATS IN UNION COUNTY WATCHED

Operations Confined to Shallow Sands of Proved Fields.

Special to the Gazette.

El Dorado, Nov. 9.—With drilling operations in the proven fields confined for the most part to the shallow sand area around Smackover, attention of the oil fraternity in the South Arkansas fields during the past week has been centered around the outcome of three wildcat wells in Union county, in widely separated districts.

in widely separated districts. Some disappointment was registered when the well of W. M. Coats, trustee, in section 32-19-16, on the Louisiana line five miles west of Junction City, failed to produce when bailed. The well is around 4,100 feet deep and is the first ever to be drilled below 4,000 feet in South Arkansas. Salt is the first ever to be drilled below 4,000 feet in South Arkansas. Salt water showed up in the bailing, but with the use of special test tools it was determined that this salt water was coming from above the oil sand, and a new drill stem test was made. The owners plan to continue working in the hope that the deep sand will produce. Hundreds of El Dorado men visited the location when the crew started the test. Considerable money has been invested in leases and royalty

in addition to the large sum spent in

in addition to the large sum spent in drilling the deep test.

The Federal Petroleum Company obtained a favorable showing in its Pigeon Hill test in the east end of Union county, section 5-17-12, on the Union Sawmill land, but a drill stem test failed to indicate a commercial well. The test is being deepened Johnston brothers are drilling and coring on their Norris No. 1 wildcat well in section 17-18-12, near Strong, where the formation has been checking favorably. Cores have indicated an oil bearing sand, and some trading in acreage has been under way.

Severa lother wildcat projects are under way in Union county, as follows: Edwin M. Jones, Loutre Lumber Company, section 17-19-14, below 3,200 feet; Edwin M. Jones, Hardy and Murphy, section 34-19-14, below 3,900 feet; John D. Staples, Ainsworth No. 1, section 8-19-16, drilling below surface casing; T. J. Woodley, First National bank of El Dorado, section 34-19-18, starting up. A large block has been leased by Wilson & Chapman and location made for a well in section 4-17-15, four miles north of El Dorado near the Smackover highway. A deep

test will be made. Location has been

test will be made. Location has been made by the Artex Gil Company for a well on a block in the northeast corner of southwest of northwest of section 31-15-17, Ouachita county, three-fourths of a mile southeast of production in the McDonald area.

The Sinclair Oil Company is putting its new well in section 6-16-15, two miles east of Smackover, on the beam. The well is good for around 125 barrels per day. Magna Producing Company is testing on its McKenzie well in section 36-15-16, Ouachita county. Other wells in the proven area include: Arkansas Natural Gas Corporation, Avera No. 2, drilling near Nacatosh sand; Marine Oil Company, Hays No. 7-A, section 4-16-15, completed as small pumper; Phillips Petroleum Company, Clayton No. 3, section 34-15-15, completed as small pumper; Standard Oil Company, Powell No. 9, drilling near Nacatosh sand.

LULL IN DRILLING **ACTIVITIES CONTINUE**

Few Rigs in South Arkansas Oil Field in Operation.

Special to the Gazette.

El Dorado, Nov. 16.—The lull that has existed in the south Arkansas oil fields for the past few months continued through the past week, with no major completions and with only a comparatively few rigs in operation.

The Skelly Oil Company has set cas The Skelly Oil Company has set casing on its Alphin A-8 in the shallow sand area in section 24-16-16. Union county, south of Smackover, at 2,093 feet, and will test the last of next week. The well is in an old part of the early development. Skelly is rigging up on the Wood No. 5 in section 34-15-16, in the Snow Hill district of Ouephits county, northeast of Smack-Ouachita county, northeast of Smack

More than a score of shallow sand wells were brought in in this vicinity during the past summer, Most of the producers are from around 2,000 feet. Some were drilled from the surface, while a good many were old wells in which the casing was perforated back from the deep level. The Sinclair Oil Company completed one perforation this week that will make a good pumper. It is in the Snow Hill district.

The test of W. M. Coats, trustee, was shut down temporarily after it failed to produce from the 4,100-foot level. The well is located in section 32-19-16. The well is located in section 32-19-16, near Junction City. It is understood that plans are under way for deepening the hole. Staples and associates are drilling below 1,000 feet on their John D. Ainsworth No. 1 wildcat in section 8-19-16, south of Wesson.

Drilling Abandoned at Well Near Spiro, Okla.

Special to the Gazette.
Fort Smith, Oct. 9.—Drilling at the Red Bank Oil Company well, six miles west of Spiro. Okla.. was abandoned late yesterday and today equipment at the prospect was being loaded shipment to Texas, company officials announced. The well was drilled 6,300 feet with no oil indications.

One crew remained at the hole today to cap the heavy gas flow. Two gas sands were struck, one producing about 15 million, the other four million, both with high rock pressure, officials

Natural Gas at Pine Bluff to Be Analyzed.

Analyzed.

Special to the Gazette.

Pine Bluff, Jan. 24.—Because of complaints reaching the Jefferson county Health Department Dr. George Hays. County health officer, announced today that he had arranged with competent chemists to test natural gas distributed to determine the number of heat units per cubic foot, the standard by which gas is measured. Symptoms caused by the inhalation of carbon monoxide gas, a poison which results from incomplete or faulty combustion, have been reported to the health office. This is responsible for the action taken by Dr. Hays.

State Geologist Says Many New Oil Producing Areas Yet to Be Discovered

INCORPORATION MATTERS.

Science

Useful When Made Into Liquids. (Science Service.) San Francisco.—Butane, propane and other petroleum-gas names now un-

familiar may soon become parts of common speech and consciousness. They are now rather neglected by-

They are now rather neglected byproducts of petroleum refining, but
when turned into liquids they can be
put to a considerable range of uses,
W. Z. Friend and T. W. Legatski of
the Phillips Petroleum Company told
colleagues at the meeting here today
of the American Chemical Society.

These gases are so versatile, they said.

These gases are so versatile, they said,

that a single supply may first be used as a solvent, then as a refrigerant, and finally consumed as a fuel either for

increasingly common in the future.

arkanear Yazette 11-1-30

- Rice Belt Petroleum Company, Stutt-

gart, articles of incorporation; capital stock, 400 shares with a par value of \$25 each; Mrs. Alma Noack, Little Rock; A. R. Koban, Little Rock; W. C. Conners, DeWitt, incorporators.

-Manning & Martin, Inc., Tulsa drill-ing contractors, notice of entry into Arkansas, J. V. Clayton, resident agent.

Marathon Oil Company of West Virginia, notice of withdrawal from Arkan-

Pointing out the large cash return to Arkansas from oil, Dr. Geo. Branner, state geologist, yesterday predicted that future prospecting in the state will result in the discovery of many new oil producing areas in the gulf coastal plain area of Arkansas.

Dr. Branner pointed out that oil produced in the state during the 13-year period from 1921 to 1933 totaled 396,723,000 barrels, with a cash value of approximately \$363,716,205, which is 52.8 per cent of the value of all minerals produced in the state during the 54-year period from 1880 to 1933.

"All the oil which has been found"

"The producing acreage estimated at 49,-365 or about 77 square miles. The fields vary in size from about 85 acres, the area of the Smackover field, to 29,505 acres, the area of the Smackover field by arrels in Garland City field to in excess of 17,549 barrels in that portion of the Smackover field producing heavy oil.

Peak of Production.

"The germanur miles. The fields vary in size from about 85 acres, the area of the Smackover field to January 1, 1934, has varied from 397 barrels in Garland City field to in excess of 17,549 barrels in that portion of the Smackover field producing heavy oil.

Peak of Production.

"The fields vary in size from about 75 acres, the area of the Smackover field, to 29,505 acres, the area of the Smackover field to January 1, 1934, has varied from 397 barrels in Garland City field to in excess of 17,549 barrels in that portion of the Smackover field producing heavy oil.

Peak of Production.

"The fields vary in size from about 49,500 acres, the area of the Smackover field, to 29,505 acres, the area of the Smackover field producing heavy oil.

Peak of Production.

"The aggregate annual production from these fields reached 77,398.000 barrels in 1925, and at the peak of production more than 457,000 barrels per day were being taken from the ground, making Arkansas the fourth producing state in the Union. Since 1925 the annual output of crude oil has declined, the production in 1934 being 11,608,000 barrels. The present daily average production is about 30,200 barrels, 18,050 or 60 per cent of which is heavy oil from the Smackover field," the geologist said.

minerals produced in the state during the 54-year period from 1880 to 1833.

"All the oil which has been found in Arkansas up to the present time occurs in the relatively unconsolidated sands, clays and chalks which make up the gulf coastal plain or lowland half of Arkansas." Dr. Branner pointed out. "The oil fields, so far, are wholly confined to the south-central and southwestern part of that province in Arkansas." Oil Discovery.

"Oil was first discovered in Arkansas on April 10, 1920, in the S. S. Hunter well, located about two and one-half miles east of Stephens, in southwest Ouachita county. The well was drilled to 2,121 feet but was never a commercial producer, although some oil was bailed from it. Twelve days later a gas well, with an estimated daily flow of 60,000,000 cubic feet was drilled in young Company in western Union county. It was not until January 10, 1921, however, when the Busey and Mitchell well, which was drilled impediately south of El Dorado, came in with an initial production estimated at from 3,000 to 10,000 barrels of oil per day were being taken from these fields reached 73,000 barrels in 1925, and at the peak of production more than 457,000 barrels per day were being taken from these fields reached 73,000 barrels of in sper day were being taken from the ground, making Arkansas the fourth producting state in the Union. Since 1925 the annual output of crude oil has declined, the production in 1934 being 11,608,000 barrels. The present daily average production in 1934 being 11,608,000 barrels. The present daily average production in 1934 being 11,608,000 barrels. The present daily average production in 1934 being 11,608,000 barrels. The present daily average production is about 30,200 barrels, 18,050 or 60 per cent of which is heavy oil from these fields reached in the Union. The oil function in 1934 being 11,608,000 barrels, 18,050 or 60 per cent of which is heavy oil from these fields reached in the Junion in 1934 being 11,608,000 barrels, 18,050 or 60 per cent of which is heavy oil

INCORPORATION MATTERS.
The Neelley Exploration Company, a

Delaware corporation, filed notice of entry into Arkansas at the secretary of Geophysical Service, Inc., a New Jersey corporation with headquarters at Will use \$15,000 of its capital in mining Dallas, qualified to operate in Arkanand mineral explorations in southern sas as explorer for oils, gas and minerarkansas and will maintain operating
als by means of scientific instruments; headquarters at Bradley, Lafayette
\$10.000 to be used in this state; John county. John W. Newman of Little
W. Newman, Little Rock, resident agent. Rock was designated as resident agent.

Recommends Butane, Propane, Other Gases

Increase in Crude Output Democrat 11-21-36

Bureau of Mines Finds Demand for Oil Gaining Steadily.

Washington (A)—The Bureau of Mines today recommended a daily average crude oil production of 2, 930,300 barrels for December, 60,000 barrels higher than the November

finally consumed as a fuel either for heating or in internal combustion engines.

They pointed out that the consumption of liquefied gases increased 71 per cent during the year 1932-33, and 73 per cent in the year 1933-34, and prophesy that under the stimulation of further applications their use will be total.

At the same time, the bureau said it would not be able to make a long-range forecast of crude oil demand for winter months as requested by the Interstate compact commission.

Railroad Commission.

"Insufficient data unpredictable."

phesy that under the stimulation of further applications their use will be increasingly common in the future.

"Insufficient data, unpredictable weather conditions and divergence of opinion as to the probable trend of refinery operations, do not warrant a detailed forecast for more than one month in advance, the bureau said.

"However a residue of the future of the probable trend of refinery operations, do not warrant a detailed forecast for more than one month in advance, the bureau said.

reau said.

"However, a review of consumption trend indicates a probable increase of about 9 per cent in the total demand for motor fuel and an average monthly increase of about 4,000,000 barrels in the total demand for heating and fuel oils for the first quarter of 1937, compared with the same period in 1936."

Recommended levels of crude oil production by states included the following:

following:

Dec. 1936. Nov. 1936. Dec. 1935.
1,145,200 1.109,000 1,005;800
567,000 558,400 469;400
553,400 549,600 132,800
204,800, 198,600 128,000
26,800 28,100 28,100

Development Needed Democrat In State, Bailey Says

Russellville — "The greatest need for Arkansas is the development of her natural resources," declared Bob Bailey of Russellville, lieutenant-governor-elect, as guest speaker at the weekly luncheon of the Lions club here Tuesday.

club here Tuesday.

Mr. Bailey pointed out that Arkansas has great natural gas fields, with capped wells, and that gas for consumption in Arkansas and Missouri is being supplied from Louisiana, Arkansas's valuable timber, for the most part, is sent out of the state to be manufactured, Mr. Bailey said.

Natives of Arkansas invest more than \$14,000,000 annually in life insurance and more than \$15,000,000 in fire insurance, but only about 10 per cent of these amounts remain in the state, the most of the premiums going to out-of-state companies, Mr. Bailey said

Bailey said

Despite the fact Arkansas ranks sixth in the production of cotton, we have no cotton manufacturing plants to speak of, the bulk of the crop being sent to the North for manufacturing, he said.

"Arkansas citizens have more than \$50,000,000 invested in out-of-state corporations," Mr. Bailey continued, declaring that "We need more faith and love for our own state."

Mr. Bailey expressed the opinion that the state legislature may be able to do something toward opening up Arkansas's resources for Ark-

ing up Arkansas's resources for Arkansas's people.

Permits Issued. // One new drilling permit was issued by the state Conservation Department this week and five permits were issued to plug back and perforate. A correction of location was also filed.

The new permit was also filed.

The new permit was issued to B. F.
Tomblin of Ada, Okla, for the Tyler
No. 1 test located 330 feet east and
330 feet south of the northwest corner of the southwest quarter of the
northwest quarter of section 27-19-16
in Union county

in Union county.

Correction of location was filed by Benedum & Trees for the Groves Land and Timper Company No. 2. The new location is 330 feet north and 330 feet west of the southeast corner of the northwest quarter of the northwest quarter of section 10-14-20 in Nevada

The five permits to plug and perforate were issued to the Standard Oil Company, one of the wells being in Union county and five in Ouachita county. All of the tests are to be plugged and perforated to the Nacatosh

The Union county test is the M. W and 200 feet east of the southwest corner of section 4-16-15.

Slight recessions were recorded in the daily average production of both north Louisiana and Arkansas. The former's yield dropped 346 barrels to 76,835 barrels aided in its downward trend by a decline of 397 barrels in Rodessa (Louisiana side). Arkansas's average fell off 136 barrels to 27,637 barrels. Daily average on the Texas side of Rodessa was 19,889 barrels last week. Daily average production last week by districts in Arkansas follows: El Dorado, 1,551 barrels, down 37 barrels; Calion, light, 1,950 barrels, down 15 barrels; Calion heavy, 2,010 barrels; down 30 barrels; Smackover, light, 2,471 barrels, down four barrels; Smackover, heavy, 17,363 barrels, down nine barrels; Lisbon, 272 barrels, down 15 barrels; Nevada county, 815 barrels, down 40 barrels; Stephens, 572 barrels, up 10 barrels; Miller county, 608 barrels, up four barrels; Camden, 25 barrels, unchanged.

Rodessa Field Control Order Extended for Short Time.
Gazette 11-28-36

Baton Rouge, La., Nov. 27 (P).—The temporary order which has been governed.

erning Rodessa field oil and gas production continued in effect tonight after Gov. Richard W. Leche and William G. Rankin, conservation commissioner, heard plans proposed by producers for checking gas waste.

The governor said a new order would

be issued in a week or two to supplant the temporary order and would be subject to revision. He and Commissioner Rankin listened during a lengthy hearing to recommendations for gas waste control ranging from a proposal by M. H. Marr, independent operator, for continued operation of the field substantially as at present, to proposal by Yan-dell Boatner, attorney for the Magnolia Refining Company and the United Gas Company, that only 2,000,000 feet of gas should be permitted to flow for each Dame 11-29-36

Arkansas's lone completion follows:
Union tounty—B. F. Tomblin, No.
1 Taylor, section 27-19-15, dry, abandoned at 2,308 feet.
A gain of 897 barrels in the daily average production of the Louisiana side of Rodessa, which rose to 56,700 barrels overrame slight losses in

side of kodessa, which rose to 50, 709 barrels overcame slight losses in several other north Louisiana fields to give the entire territory a net gain of 636 barrels and an average of 77,471 barrels. Arkansas also showed a drop, declining 88 barrels to 27,549 barrels.

to 27,549 barrels.

Daily average production last week in Arkansas by districts follows: El Dorado, 1,550 barrels, down one barrel; Calion, light, 1,940 barrels, down 10 barrels; Calion, heavy, 2,065 barrels, up 55 barrels; Smackover, light, 2,453 barrels, down 18 barrels; Smackover, heavy, 17,238 barrels, down 125 barrels; Lisbon, 281 barrels, up nine barrels; Nevada county, 810 barrels, down five barrels; Stephens, 577 barrels, up five barrels; Miller county, 610 barrels, up two barrels; and Camden, 25 barrels, unchanged.

Daily average production by districts last week in Arkansas follows: El Dorado, 1,526 barrels, down 24 barrels; Calion, light, 1,910 barrels, down 30 barrels; Calion, heavy, 2,090 barrels, up 25 barrels; Smackover, light, 2,441 barrels, down 12 barrels; Smackover heavy, 17,119 barrels, down 119 barrels; Lisbon, 271 barrels, down 10 barrels; Nevada county, 820 barrels, up 10 barrels; Stephens, 564 barrels, down 13 barrels; Miller county, 582 barrels, down 28 barrels; and Camden, 25 barrels, unchanged.

Arkansas, however, due to a 105 barrel increase in Nevada county, where two pumping wells have recently been added, which brought production up to 925 barrels in that field, mounted 399 barrels to 27,747 barrels.

Daily average production for Arkansas by districts besides Nevada county follows: El Dorado, 1,555 barrels, up 29 barrels; Calion, light, 1,933 barrels, up 23 barrels; Calion, 10, barrels, up 24 barrels; Calion, 10, barrels, up 25 barrels; Calion, 10, barrels, up 26 barrels; Calion, 10, barrels, up 28 barrels; Calion, 10, barrels, up 28 barrels; Calion, 10, barrels, up 29 barrels, up 29 barrels; Calion, 10, barrels, up 29 barrels, up 29 barrels, up 29 barrels; Calion, 10, barrels, up 29 barre

neavy, 2,080 barrels, down 10 barrels; Smackover, light, 2,440 barrels, down one barrel; Smackover, leavy, 17,322 barrels, up 203 barels; Lisbon, 290 barrels; up 19 barrels; Stephens, 587 barrels, up 23 barrels; Miller county, 595 barrels, up 13 barrels; and Camden, 20 barrels, down five barrels. els, down five barrels.

INCORPORATION MATTERS.

The following incorporation papers ere filed at the secretary of state's of-Harris Valve Corporation, Smack-over, articles of incorporation; capital lock, \$1,000; A. L. Chippendal, J. F. Ward, C. W. Harris and H. L. Sink, in-

Burton Oil Company, Inc., Marked ree, articles of incorporation; capital tock, \$10,000; E. P. Burton, Dallas Jance and Mary O'Connor, incorpora-

The Mandra Industrial Company, arrison, articles of incorporation; capal stock, 500 shares without par value;
. A. Watkins, T. N. Flinn, W. P. Watins, W. A. Little and O. W. Watkins,

The Minerals Development Corpora-

The Minerals Development Corporation of Batesville, Independence county, with John J. Freundlich of Guion as resident agent, \$6.000 capital.

The Eins Mecantile Company of Itheimer, Jefferson county, Herman Mosenthin, resident agent, the Eins Planting Company as largest stock-toolder, capital stock \$25,000 par value.

The Arkansas Aviation Corporation of Little Rock, with Frank J. Wills as

or Little Rock, with Frank J. Wills as resident agent and A. N. McAninch argest stockholder, \$5,000 capital and 100 shares of stock with no par value. The Mandalay Gin Company of Mandalay Mandalay Company of Mandalay Company o dalay, Mississippi county, A. F. Florida of Osceola as resident agent, capital stock totaling \$50,000 par value.

Notices of surrender of charter were

filed by the Ouachita River Logging Company of Memphis, Tenn., the Fisher Delta Log Company of Detroit, Mich., The Goldman Walker Company of Little Rock and the Eureka Springs Investment Company of Eureka Springs.

ARTICLES OF INCORPORATION.

Delaware filed notice of entrance into Arkansas in Secretary of State C. G. ("Crip") Hall's office yesterday. Principal place of business in Arkansas will be Fort Smith, the filing showed, and A. B. Harper was named resident agent. The company owns \$500 worth property in Arkansas.

Notice of dissolution was filed by the Tol-E-Tex Oil Company of Hope, of which W. C. Tolleson is president and . P. Tolleson is secretary,

To Drill Near Rosston.

To Drill Near Rosston.

E. C. Holmes, trustee, practically has completed his block for a test to be drilled near Rosston, in the center of Nevada county, either in Section 29 or 30-13-21, about three miles northwest of production in the Waterloo field.

Shooting crews have been active making shots in this territory, and it is reported two major companies soon will make locations for tests. Anderson and associates are making progress in their block for a test in the Sutton community, in Township 13, range 22, approximately eight miles northwest of production. J. B. Yates and associates are blocking acreage for a test to be drilled in the old Mt. Moriah territory, in Township 13, range 21, approximately roduction. In New Field

The Completed his block for a team to expect the completed his block for a team to expect the completed his block for a team to expect the completed his block for a team to expect the completed his block for a team to expect the complete the complete that t

Prescott, Dec. 26.—Two new oil producers in the Nevada county field were placed on the pumps this week.

The Nevada county field were placed on the pumps this week.

The Giaco No. 1, on the Recinity of the College of the December of the College of

Regarded as

In New Field

Decreases Own Large

Treats 5 000 Page 11

FOR TH To the North

Most of Activity on Texas Side-Two Producers

in Nevada.

Shreveport, La.—The extension of the producing limits of the Louisiana side of the Rodessa field one and one-half miles north appeared assured this week by a well flowing oil from the Gloyd, second producing field, while the eastern limits of the Young producing horizon of the same field apparently were defined by a dry hole in that horizon.

Another important development was completion of the second Travis Peak gas-distillate producer in the Sugar Creek gas field, Claiborne parish, one and three-quarter miles northeast of the first gas-distillate well in that horizon in that field.

The mile-and-a-half north extension producer looming is J. Edward Jones' No. 1 Maidie Sharp, section 4-23n-16w, which is flowing into pits while tanks were being prepared, and while standard Pipe Line Company was rushing construction of a gathering line to the well. The well has total depth of 6,035 feet and is producing from the Gloyd, second of the gas producing horizons in the Rodessa field proper, which formation was logged from 5,980 to 5,991 feet and was a porous brown sand; elevation is 229 feet. This well also had a show of gas and distillate in the Hill formation from 5,819 to 5,832 feet. The well was flowing Thursday with 700 pounds casing and tubing pressure.

The Idessa Oil Company's S. P. Borden et al. No. 1 Sumner, section 10-23n-15w, three-fourths of a mile east of production, swabbed dry at corected depth of 6,197 feet in lime after five and three-sixteenths inch casing was cemented at 6,150 feet. Bottom of the hole is in the Young. The Louisiana side of the field has been getting few locations and this week was no exception, only one new operation on that side of the field being staked as compared to 12 on the Texas side for the same period. Fourteen new producers were completed.

Drilling in Nevada.

A flurry of drilling has started southeast of the shallow Irma field.

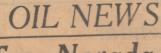
were completed.

A flurry of drilling has started southeast of the shallow Irma field, Nevada county, Arkansas, as a result of two recent developments by Benedum and Trees in section 10-14-20. Benedum and Trees' No. 1 Groves, in that section, recently completed, pumping 21 gravity oil from the 2,200-foot level, is still making about 500 barrels, net, in oil which will be sold to an asphalt company for 50 cents per barrel. The same company has set casing at 1,217 feet in No. 3 Groves, in the same section, that showed 13 gravity oil in a drill sten test at 1,200 to 1,231 feet in the Nacatosh. Four additional locations have been made nearby, three by Benedum and Trees.

Joiner et al. (Odell Hinson) are

nearby, three by Benedum and Trees.

Joiner et al. (Odell Hinson) are preparing to drill, plug and test a show of oil below the anhydrite of the Glen Rose in No. 1 Montana Realty Company, section 3-17-28, Miller county. Revised depth of this well is 5.278 feet and casing was cemented at 5.270 feet. Base of massive anhydrite was 4,590 feet. Some geologists believe this location is on the northwest flank of the recently discovered geophysical high near Fouke, and that Erwin and Leach's No. 1 Red River Farms, section 2-17-26, recently abandoned at 5.212 feet, is on the east flank of this same structure.



Two Nevada Field Wells On Pumps

Prescott, Dec. 26.—Two new oil pro-

placed on the pumps this week.

Special to the Gazette.

OIL NEWS

New Nevada Field Growing Rapidly

Special to the Gazette.

Prescott, Jan. 2.—While activities in the Nevada county oil field generally were slowed down this week by two days' heavy rainfall, Charley Steele and Bryan Warmack closed the old year by bailing in their William Haynie No. 1 on the edge of the Irma, or Waterloo, field in the southeast quarter of the southwest quarter of northwest quarter of section 6-14-20. Casing was set Monday at the 1.178-foot level just six feet in at the 1,178-foot level just six feet in the Nacatosh sand, and on New Year's the Nacatosh sand, and on New Year's eve, after four hours of bailing, oil free of water stood 700 feet in the hole, making a producer good for 200 barrels on the pump. This well will be placed on the beam at once when the derrick will be skidded 75 feet north, and another test started by Steele & Warmack on the same lesse.

C. B. & F. Petroleum Company set casing at a depth of 1,180 feet Wednesday night in their William Haynie No. 1 on the John R. Lewis lease in the southwest corner of southwest quarter of northeast quarter of Section 5-14-20, four feet in the Nacatosh sand. Plug will be drilled today and bailing to-morrow should determine whether this test will result in an extension of the old Waterloo field. The test is causing more interest in the field than any other as its completion as a producer will draw the two fields closer together. Drillers and scouts who examined the core from the Nacatosh in this well say it was saturated with oill the oil sand was encountered at the usual depth of the Waterloo field. The test is a halfthe Waterloo field. The test is a halfmile east of production in the Waterloo
field and about two miles northwest
from the Benedum-Trees Oil Company
discovery well in north half of the
southeast quarter of the northwest quarter of Section 10.14-20.

Deep Test Continues.

The deep test of Benedum-Trees Oil Company, in their Lily Block No. 1, in the northeast corner of the northeast quarter of the northeast quarter of the southeast quarter of Section 9-14-20, continues to attract attention. Last week, the Nacatosh sand was cased off, although more than 500 react of all treed in the located in the southeast corner of the northwest quarter of the northwest quarter. Drilling operations are expected to get under way soon.

Though no big "gushers" have been produced in the Urbana field, the area has been prolific and numerous small producers have been completed. was cased off, although more than 500 feet of oil stood in the hole, and, Thursday of this week, cores were taken from the Tokio sand at the 2,200-foot level. Indications are this sand, though saturated with oil, will be cased off and drilling continue to the Travis Peak or Persian Lime sand expected to be encountered at a depth of 3,600 feet, or possibly the Glen Rose at about 4,200 feet. No official announcement was

structed and more are being hauled in. oil storage tank in Nevada county, a 55,000-barrel metal tank. Berry Asphalt Company has bought the right-of-way for a pipeline from the Benedum begin next week. The heavy rains caused a cessation of hauling of oil in trucks and Benedum & Trees producers rains were closed down for two days because all storage tanks were full. E. H. Weaver, who on New Year's Day relim-quished the office of Nevada county judge to J. W. Bradley, has obtained a ground lease on five acres of the Bene-dum & Trees leases, and will erect a general store. Several stores have been ucted within the past month.
Weaver contemplates plotting a part of his lease for a townsite. Scores of workmen have been engaged the past week in clearing land in the new field 14 steel derricks can be seen by

John G. Wooten had a week of trouble with his Z. T. Sparkman No. 1 test just across Little Missouri river from

Nevada county in Clark county, two miles south of Whelen Springs, in the northwest quarter of the northwest quarter of the northwest quarter of Secquarter of the northwest quarter of Section 1-11-20. In this hole, the Nacatosh sand was found at a depth of only 560 feet, and early in the week casing was set with a packer. Soon after bailing was started the packer gave away, and sand packed in the casing from the bottom up to the 300-foot level. It was necessary to drill out, pull and reset the casing and bailing began again today. Tomorrow should tell the story of this test, which has caused considerable excitement in this section of Nevada county. The location is 18 miles north of the Waterloo field, where the same sand produces at the 1,160-foot depth. Cores of the sand contained good oil showing.

showing.

Little information is available concerning Root Refining Company test in Hempstead county just west of Nevada county, in Section 16-13-23. The test is down practically 2,900 feet with drillers and others interested declining to divulge any information of their findings. Fumor is general among scouts. ings. Rumor is general among scouts that the Nacatosh and Tokio sands were encountered at anticipated depths,

Permit was issued this week to the the new field. 4 and is located in the southeast corner

Ground has been cleared and founda-tion laid for the erection oof the largest & Trees leases to their refinery at quarter of the northwest quarter of the Waterloo and the laying of pipe will northwest quarter of Section 29-17-14 in Union county. He also obtained permit to plug and abandon the Ezell No. 1 test located 150 feet north and 150 feet west of the southeast corner of the north half of the southeast quarter of the northwest quarter of Section 18-17-14 in Union county.

OIL NEWS

New Producer Gazette 1-10-37 Settles To Smaller Flow

Special to the Gazette.

Prescott, Jan. 9.—The high light of activities in the Nevada oil field this week centered upon C B & F Petroleum Company's William Haynie No. 1 on the John R. Lewis lease in the southwest corner of southwest quarter of northeast quarter of Section 5-14-20, bottomed at 1,180 feet with casing set six feet in the Nacatosh sand. The plug was drilled Monday and, after the bailer had made ings. Rumor is general among scouts that the Nacatosh and Tokio sands were encountered at anticipated depths, but cores of both sands failed to contain encouraging showings. Drilling will continue to the 4,000-foot level.

Abstractors are working overtime on titles of acreage in wildcat lease blocks at Rosston, Mt. Moriah and Sutton in Nevada county, and locations of tests will be announced and drilling begin in earnest early this month.

Snow Hill and Urbana Sectors Attracting Interest.

Special to the Gazette.

El Dorado, Jan. 2.—With high water and bad reads hampering drilling operations in the new Nevada county field, two other sections of south Arkansas are attracting attention. The two are the Urbana section of Union county in the constituted and damage other wells in the oil sand and damage other wells in the oil sand

the oil sand and damage other wells in the Waterloo field which produces from where a well is to be drilled by the Mc-Creslean Oil Company and the Snow Hill sector of Ouachita county where the Lion Oil Company is reported to have made location for a well.

Permit was issued this week to the

Deep Test Watched. Continued drilling at Benedum-Trees deed test in their Lily Block No. 1, in northeast corner of northeast quarter of southeast quarter of Section 9-14-20 of southeast quarter of Section 9-14-20 throughout the week, was practically the extent of drilling operations in the new field. This has become a "tight" test, drillers and operators divulging no information as to depth or findings. It is known that cores have been taken from two "stray" sands below the Tokio at the 2,200-foot level, and scouts believe the test is now nearing the Travis Peak in the Permian lime sand near the 3,600-foot depth. Eyes of all operators and scouts of major companies are on this test. The best drilling rig ever brought to the Nevada county field, costing \$70,000, is being used in this test and experienced Oklahoma oil field drillers have charge of operations.

Steele & Warmack's William Heynne.

west quarter of the northeast quarter of section 13-15-17 in Ouachita county. Earl Patterson obtained permit to plug and abandon the Smith No. 1 test located in the center of the southwest quarter of the northwest quarter of the northwest quarter of the center of the southwest quarter of the northwest quarter of the northwest quarter of the northwest quarter of the northwest quarter of the second week trouble delayed a final verdict in John G. Wooten's Z.

T. Sparkman No. 1 test, two miles south of Wheelen Springs, in Clark county, been predicted that other companies in the Snow Hill area, it has a county will make further tests in that section which made good showings in a packer, used instead of a cement set-For the second week trouble delayed a packer, used instead of a cement setting, gave away causing the casing to pack with sand; finally the bailer was operated at intervals for two days and the owner and spectators report good oil showings. It is believed oil in paying quantities cannot be produced from this test at its present depth of 560 feet and Wooten announced today he will dill deeper into the Nacatosh and make another effort to bring in a producer. He will skid the derrick and drill another test if the effort fails.

Nevada county, ned siesmograph test shooting the first of that producers could have been made at the Nacatosh sand at 1,180 feet in this well and at the Tokio at 2,800 feet.

Haynie Well Dormant.

The C. B. & F. Petroleum Company william Haynie No. 1 on the John R. Lewis lease in the southwest corner of the southwest quarter of the southwest quarter of the southwest quarter of Section 5-14-20, which blew in two weeks ago and ran wild 48 hours before it could be capped, remains dormant. Owners announce they probably will mud off the oil and gas sand at the Nacatosh and drill to the Tokio at 2,800 feet.

Haynie Well Dormant.

The C. B. & F. Petroleum Company william Haynie No. 1 on the John R. Lewis lease in the southwest quarter of Section 5-14-20, which blew in two weeks ago and ran wild 48 hours before it could be capped, remains dormant. Owners announce they probably will mud off the oil and gas sand at the Nacatosh and drill to the Tokio at the Nacatosh and at 1,180 feet in the Nacatosh sand at 1,180 feet in this well and at the Nacatosh sand at 1,180 feet in the Nacato

Berry Asphalt Company will begin laying of five miles of 8-inch pipe line asphalt plant at Waterloo next week. weather this week little hauling of oil partment and five permits were issued announced today it to plug and perforate wells.

Activities at Roof Refining Company's deep test in Hempstead county just west of Nevada in Section 16-13-23 continued a mystery; drillers decline to give information as to the depth of the test or their findings. The test is expected to go 4,000 feet unless oil is found at a lesser depth

lesser depth.

E. C. Holmes has completed his block for a test one mile west of Rosston on the J. T. Wortham estate tract in either section 29 or 30-13-21 and material was hauled in this week for the construction

Attention Centers on Snow Hill Deep Area.

El Dorado, Jan. 9.—With operations alread started on one old well and drilling to be started in a few days on a new test, the Snow Hill area of the Smackover field in Ouachita county is again attracting the attention of the oil fraternity and is sharing the limelight with the new Nevada county field. light with the new Nevada county field.
The Phillips Petroleum Company this week resumed operations on the E. Gette (Rose) No. 1 test in section 28-

15-15 which had been temporarily abandoned several months ago when operations were halted in the field after several tests failed to make large producers. When the well was abandoned the hole had been drilled to a depth of

hole had been drilled to a depth of below 4,900 feet but casing had not been set. Operators this week rigged up on the test and are cleaning out the hole preparing to set casing for a test of the Permian lime formation slightly below that depth. The well is located in the northeast corner of the north half of the southeast quarter of section 28-15-15

the north half of the southeast quarter of section 28-15-15.

Rigging up is being completed on the Blanche Levy No. 1 test of the Lion Oil Refining Company in section 21-15-15 northwest of the producers in the Snow Hill area. All of the producers completed in the area are in sections 27 and 28.

Drilling operations on the Lion test.

Drilling operations on the Lion test are expected to get under way in a short time. It is expected to be drilled to the Permian lime formation. The test is located 660 feet north and 330

feet east of the southwest corner of section 21-15-15. Five Producers.

There are at present five producers in the Snow Hill deep sand area all of which are producing varying quantities of oil and large amounts of gas. Total

Persian Lime sand expected to be encountered at a depth of 3,600 feet, or possibly the Glen Rose at about 4,200 feet. No official announcement was forthcoming this week. It is known for the contract of the contract of the company of the 3,600-feet of sand, to carry out an agreement by the company with land owners that a test was to be drilled that depth.

The Glasco No. 1, on the Ritchie lease, in the center of the northwest quarter of section sand, to carry out an agreement by the company with land owners that a test was to be drilled that depth.

The Glasco No. 1, on the Ritchie lease, in the center of the northwest quarter of section shall be the produced of the northcoming this were completed in the same trace.

The show Hill sector was the scene of considerable activity last spring where the lease in the same trace was to be drilled that depth.

The Glasco No. 1, on the Ritchie lease, in the center of the northcoming that week and pronounced good for 250 barrels of oil and 4, on the production of this well, and the first of the week, but this is grade and pronounced good for 250 barrels of oil and 4, on the production of this well, and the first of the week, but this is grade and pronounced good for 250 barrels of oil and 4, on the same trace of the southeast quarter of section of the same trace of the southeast quarter of section standard oil company of the stated soon, of the production of this well, and the first of the week, but this is grade oil and 4, on the same trace of the southeast of the production of this well, and the production of this well, and the production of this well, and the first of the week, but this is grade oil and 4, on the same trace of the southeast of the standard oil company of the depth of the production of this well, and the production of this well, and the production

John G. Nelson of Memphis, Tenn., obtained permit to drill the Frank Underwood No. 1 test located 396 feet north and 330 feet west of the southeast corner of the southwest quarter of the southwest quarter of the northeast quarter of section 4-20N-8E in Clay county.

The Lion Oil Refining Company of El Dorado obtained permit to drill the Blanche Levy No. 1 test located 660 feet north and 330 feet east of the southwest corner of section 21-15-15 in

Ouachita county.

The McCreslenn Oil Company of El Dorado obtained permit for the Atkins No. 4 test located 200 feet north and 400 feet west of the southeast corner of the northwest quarter of the northeast quarter of section 3-18-13 in Union

The Standard Oil Company of Louisiana obtained permits to plug and perforate five wells to the Primm sand. All of the well are located in Union county. They the M. W. Hardy et al. No. 27 located 200 feet worth and 200 feet east of the southwest corner of the porthess guarter of the porthess. of the northeast quarter of the north-east quarter of section 9-16-15; the M. east quarter of section 9-16-15, the M. W. Hardy et al. No. 28, located 200 feet south and 200 feet west of the northeast corner of section 9-16-15; the M. W. Hardy et al. No. 34 located 250 feet south and 200 feet east of the northwest corner of the southwest quarter of secnorthwest corner of the southwest quarter of section 4-16-15 the M. W. Hardy et al. No. 35, located 330 feet south and 330 west of the northeast corner of the southwest quarter of the southwest quarter of the southwest quarter of section 4-16-15 and the M. W. Hardy et al. No. 38, located 670 feet north and 170 feet east of the southwest corner of section 4-16-15 all in Union county. Union county

OIL NEWS

Operations At Standstill In Nevada Field

Gazette

Special to the Gazette. 1-17-37
Prescott, Jan. 16.—Rain which has fallen every day except one since New Year's Day has not only rendered rural

Year's Day has not only rendered rural roads in the Nevada county oil field impassable but has practically caused a cessation of operations this week.

Benedum & Tress Oil Company have been unsuccessful in their attempt to haul two new rigs into the new field because of soft roads. Dewel T. Ross Engineering Company of Tyler, Tex., using 40 men, began the laying of an eight-inch pipe line from Berry Asphalt Companys' plant at Waterloo to the Benedum & Trees producers in the new field in Section 10-14-20 today. The line will be five miles long and laid 15 inches deep at a cost of \$40,000. Very little oil has been pumped as all tanks little oil has been pumped as all tanks are full and hauling has been impossi-

Benedum & Trees Oil Company set casing this week in their Groves Land & Timber Company No. 5 in the northeast corner of the southwest quarter of the northwest quarter of Section 10-14-20 at the 2,200 foot level in the Tokio sand. A drill stem test taken earlier in the week revealed the best oil showing so far from this sand and operators expect the well to be the best producer from this sand. The plug probaby will be drilled tomorrow and bailing started. The same company's Fincher No. 2, 660 feet south of their Fincher No. 1 in the northwest corner of the southwest quarter of the northeast quarter of Secton 10-14-20, was drilling this week but exact progress is not

Deep Test Continues Benedum & Trees Lily Block No. 1 in the northeast corner of the northeast quarter of the southeast quarter of Section 9-14-20 is drilling near the Permiam lime sand in the Travis Peak near the 2,600 foot level, after coring in a stray sand at a depth of about 2,900 foot. feet. This deep test continues to be the main operation of interest in the new field and while it continues a "tight vulging no information of findings nor depth, scouts and natives who are watching operations are convinced the owners and drillers have hopes of a real producer in the next week. It is known that producers could have been made

that the test is drilling below 2,000 feet. Nacatosh and drill to the Tokio rather The well is located in the southeast corthan try to make a producer, believing ner of the northwest quarter of the the continued blowing of this test before northeast quarter of section 3-18-13. it could be capped created two large ner of the northwest quarter of the the continued blowing of this test before northeast quarter of section 3-18-13. It could be capped created two large Three drilling permits were issued a cavity in the Nacatosh level to inthis week by the state Conservation Desure a good producer. The company partment and five permits were issued announced today it soon would begin the drilling of an offset to this test.

Charley Steel and Bryan Warmack's William Haynie No. 1 in the southeast quarter of the sonthwest quarter of northwest quarter of Section 6-14-20, in the Waterloo or Irma field, white was brought in last week, stands with 900 feet of fuel in the hole. Continued raingular to the Nacafall has made the digging of pits impos-sible before this well will be placed on tosh sand.

ton this week. Derrick is up and practically all rigging on the ground and the test will be spudded in Monday. Stewart Drilling Company will have charge of operations and their rig is capable of making a deep test if necessary.

Rain has continued to play havoc with efforts of John G. Wooten and associates to continued operations this week in their Clark county, test, just, across.

in their Clark county test just across the river from Nevada county, two miles south of Whelen Springs. The test is down 560 feet to the Nacatosh and own see feet to the Macatosh and owners intend to drill further into the sand. Showings at present depth are said not sufficient to warrant pumping. Wooten announced today he will announce locations for two more tests.

Weather Slows Oil Operations In South Arkansas.

1-17-37 Special to the Gazette.

El Dorado, Jan. 16.—Continued rain and bad weather which have made roads in south Arkansas almost impassable brought oil operations in south Arkansas almost to a standstill this week. The two areas most vitally affected are the Snow Hill sector of Ouachita county

where operations have been resumed on an old test and a new well is to be started and in the Nevada county field southwest of Camden where drilling op-erations are under way on several tests and permit was issued for another test

Wildcat tests were also reported get-ting under way in several scattered sec-tions of the state.

In the Snow Hill area, the Phillips Petroleum Company is reconditioning the hole in the Rose (E. Gette) No. 1 test in the northeast corner of the north half of the southeast quarter of section 28-15-15 preparatory to the setting of casing at 4,900 feet where the hole was temporarily abandoned several months ago. The bad weather has hampered operations but it is expected that the casing will be set some time next week if the roads improve to the extent that pipe can be hauled to the location.

The Lion Oil is completing rigging up for its test in section 21-15-15 to be known as the Blanche Levy No. 1. The test is located 660 feet north and 300 feet east of the southwest corner of the section and is to be drilled to the Permian lime formation.

There are at present five wells in the Snow Hill area producing small quantities of oil and large amounts of gas. The five wells have a total production of 385 barrels of oil and 14,000,000 cubic feet of gas a day.

In the Urbana area of Union county southeast of El Dorado, the McCreslen Oil Company is expected to complete its Atkins No. 4 test in a short time. Cas-ing is reported to have been set and the test will be drilled in when weather conditions improve. The test is located in the southeast corner of the northwest quarter of the northeast quarter of section 3-18-13.

Union County.

Wet weather is also reported to have delayed rigging up on the Morgan Estate No. 1 test west of El Dorado in Union county which is to be deepened by the Lion Oil Refining Company. The well was drilled to a depth of 4,270 feet several months ago by the Phillips Petroleum Company and then abandoned when no formations were encountered. The Lion is reported planning to drill the test to a depth of 8,000 feet in search for the Permain lime formation. The test is located in the southwest corner of the southwest quarter of section 18-

Another wildcat test expected to be sen No. 1 of Detrick et al. The test is west of production in the El Dorado south field in section 3-18-16. Rigging up has been started. It is located in

Permits Issued.

A total of eight permits were issued plug back and perforate to the Naca- at 8,477 feet.

New Test Located.

Robert S. Holmes announced location for his James J. Wortham No. 1 test in the southwest quarter of the northwest quarter of Section 29-13-21 one and a half miles due west of Rosston this week. Derrick is up and practically all rigging on the ground and the Jones No. 1, located 150 feet north and 150 feet west of the southeast corner of the southeast quarter of the northwest quarter of section 12-19-12 in Union

> Axel Larson, trustee, of Minneapolis, Minn., obtained permit to drill the J. T. Wortham Estate No. 1, located 375 feet east and 210 feet north of the feet east and 210 feet north of the southwest corner of the southwest quarter of the northwest quarter of Section 29-13-21 in Nevada county. Benedum & Trees obtained permit to drill the C. C. Fincher No. 3, located in the center of the northeast quarter of the southwest quarter of the northeast quarter of Section 10-14-20 in Nevada county.

perforate to the Nacatosh sand in four of its wells in Ouachita county. They were the Hays No. 4, located 500 feet south and 400 feet east of the northeast quarter of the northeast quarter of the northeast quarter of the northeast quarter of Section 4-16-15; the C. V. Snyder No. 9, located 225 feet north and 660 feet west of the southeast corner of the northwest quarter of the southwest quarter of Section 34-15-15; the C. V. Snyder No. 10, located 150 feet east and 620 feet south of the northwest corner of the northwest quarter of the southwest quarter of the south

northwest quarter of the southeast quarter of Section 10-14-12 in Nevada county. Benedum & Trees filed logs of two of their tests in Nevada county. They were the Groves Land and Timber Company No. 2, located 330 feet north and 330 feet west of the southeast corner of the northwest quarter of the northwest quarter of the northwest quarter of the northwest quarter of Section 10-14-20, and the C. C. Fincher No. 1, located 330 feet south and 330 feet east of the northwest corner of the southwest quarter of the northeast quarter of Section 10-14-20.

Joe Moalsette filed logs of three of his wells in Union county. They were the Union Saw Mill Company No. 1, located 330 feet south and 330 feet west of the northeast corner of the northwest of the northeast orner of the northwest quarter of Section 14-18-14; the Gibson No. 1, located in the center of the southeast quarter of the southeast qua

Oil News

Cotton Valley, Sligo Fields In Limelight

Rain Hinders Operations -Much Wildcatting in Arkansas.

erations at many tests hampered by rain, the Shreveport territory had little activity of unusual nature the

south field in section 3-18-16. Rigging up has been started. It is located in the southwest quarter of the northeast quarter of the northeast quarter of the section.

Hempstead County.

In Hempstead county south of Hope, Birdwell et al. have started operations on the Durckett No. 1 test in the northewest quarter of section 24-13-24 but no report was obtained on the depth of the hole.

In Pope county the Arkanasa-Louisiana Gas Company has set casing at 3,922 feet in its L. C. Smith No. 1 test in the southwest corner of the southwest quarter of section 10-8N-21W.

In Clay county John G. Nelson of Memphis is reported to have started drilling operations on his Frank Underwood No. 1 test located in the southwest corner of very, completed several weeks

Another operation neared the sand, United Gas' Davis 1, section 23-21-10, drilling at 8,060 feet. In same area, Magnolia Petroleum Co.'s Cox 1, section 23-21-10, which is testing deeper horizons in the lower Marine section, was drilling at 8,477 feet.

Arkansas-Louisiana Gas Co.'s Davis 1, section 8-17-11, 3 1-2 miles northeast of nearest of two producers completed from an oil zone recently discovered in the Sligo gas district, was in the top part of the new horizon at 5,177 feet with good odor of gas and trace of oil reported in core at this depth. It was coring deeper.

coring deeper. coring deeper.

Much interest was being held by Arkansas-Louisiana Gas Co.'s (Cities Service) W. S. Ford No. 1, Charles Grayson survey, of Marion county, Texas, nine miles northeast of the Holcomb et al. test and five miles from Rodessa production, as it drilled below 5,290 feet near top of the first anhydrite section, first fairly accurate marker encountered at Rodessa.

29-13-21 in Nevada county. Benedum & Trees obtained permit to drill the C. C. Fincher No. 3, located in the center of the northeast quarter of the southwest quarter of the northeast quarter of the northeast quarter of Section 10-14-20 in Nevada county.

The Marine Oil Company of El Dorado obtained permits to plug back and perforate to the Nacatosh sand in four of its wells in Ouachita county. They were the Harman Additional drilling in the campaign. Prices are reported as high as \$35 per acre.

cated 150 feet east and 620 feet south of the northwest corner of the northwest quarter of the southwest quarter of Section 34-15-15, and the C. V. Snyder No. 12, located 150 feet south of the center of the north line of the northwest quarter of the southwest quarter of Section 34-15-15.

L. M. Glasco of Tyler, Tex., filed log of his Ritchie No. 1 test, located in the center of the northwest quarter of the northwest quarter of the northwest quarter of the southeast quarter of Section 10-14-12 in Nevada county. Benedum & Trees filed logs of In Hempstead county the Root

Mullin and Williams of Houston, Mullin and Williams of Houston, Texas, are reported to have completed assembly of about 10,000 acres in a drilling block on Crowley Ridge, St. Francis and Cross counties, with agreement for drilling to start before Dec. 1, 1937. The Amerada Petroleum Co., has had a seismograph crew busy for the past five months. In Dallas county, Walter Lawn's Atkinson No. 1 test, in section 7-10-13, had an oil show at 2419 feet, it is claimed, and operators are arranging to test.

C. V. Lenz's Dale No. 7, deep test

ranging to test.

C. V. Lenz's Dale No. 7, deep test in the Glenn Rose, in section 24-15-26, Miller county, was reported having the hole full of oil at 5,212 feet, and the operators trying now to install pump, but delayed by bad roads. The well is about three miles northeast of the shallow Garland City field.

Shreveport—With the starting of much new work delayed and operations at many tests hampered by ain, the Shreveport territory had little activity of unusual nature the loast week.

Tests seeking the new pay levels on the Cotton Valley field of Webster parish and in the Sligo district of Bossier parish, continued to hold most interest of operators although.

City field.

In Little River county, Dierks No. 1, a wildcat test, of J. G. Strayham, is shut down at 1,190 feet. It is in section 21-12.-28.

Two other wells shut down because of bad weather are J. G. Wooten's Z. T. Sparkman No. 1 in 9-11-13, Clark county, at 564 feet; and J. R. Lockhart's Robinson No. 1, in section 36-10-11, at 3,205 feet, in Cleveland county.

OIL NEWS

Year's Output At 10 Million Barrels Oil Gazette 1-24-37

Special to the Gazette.

El Dorado, Jan. 23.—The annual report of the state Conservation Department was filed this week with the Arkansas Board of Conservation by C. E. Harris, chief conservation agent and secretary of the board In the report, Mr. Harris said that crude oil produced and marketed in the state during 1936 amounted to 10,393,579 barrels.

Mr. Harris showed that there were 2,636 producing wells in the state on January 1, 1937, as compared with 2,677 producing wells on January 1, 1936.

The number of producing wells by fields on the two dates was compared. fields on the two dates was compared

as follows:	
Field. Jan. 1, 193	6. Jan. 1, 1937.
Smackover heavy 1,2	1,249
Smackover light	580 560
Orbuita	29 30
Camaca	1 1
Di Doimao Domini IIII	239 224
El Dolado Maso	62 59
TIPOOTI	145 142 77 84
Chambaghone	69 73
	24 22
4411101	180 188
Sechicar	0 4
Troy	. 1
m-4-1-	877 2 636

The four wells in the Troy field producing on January 1, 1937, were four that had been completed by that date in the new Nevada county field north-

west of Stephens.

Production Listed.

Total production for 1936 by fields, the report said, was as follows: Smackover heavy, 6,417,117 barrels; Smackover light, 757,776 barels; Urbana, 619,241 barrels; Camden, 8,023 barrels; El Dorado South, 570,862 barrels; El Dorado East, 178,766 barrels; Lisbon, 98,981 barrels; Champagnolle, 882,332 barrels; Stephens, 213,665 barrels; Miller, 325,045 barrels; Irma, 307,770 barrels; Trov. 14,001 barrels.

325,045 barrels; Irma, 307,770 barrels; Troy, 14,001 barrels.

Production by months was as follows: January, 885,414 barrels; February, 854,884 barrels; March, 933,165 barrels; April, 898,933 barrels; May, 895,450 barrels; June, 879,905 barrels; July, 876,096 barrels; August, 855,211 barrels; September, 834,845 barrels; October, 830,322 barrels; November, 800,782 barrels; December, 848,572 barrels.

The conservation agent's report showed that there were 104 drilling permits

ed that there were 104 drilling permits issued during last year of which 25 were producers and 33 were dry holes. Fifteen are temporarily shut down and unfnished, four were never drilled, 17 are now in process of drilling and 10 are yet to be drilled.

Mr. Harris reported that plugging permits were issued for 143 wells, and permits were issued for 143 wells, and that in all cases where wells were located in producing areas, one of the conservation agents was present to supervise the plugging and cementing.

Mr. Harris reported that there are 130 wells shut down and unplugged.

"This may seem unreasonable at first

glance," he said, "but when you take into consideration the fact that many wells have been temporarily shut down with a view toward deepening or clean-ing out in order that they may be brought back to normal production, as has been the practice in this state for some time You will find that this accounts for a great majority of the non-producing wells shut down that are neither plugged or abandoned."

Wells shut down and not plugged by wildcat drilling campaign is contemplatically are as as follows: Snowlesses heavy ed throughout the state with several

wells shut down and not plugged by fields are as follows: Smackover heavy, 80; Smackover light, 11; Urbana, 2; El Dorado South, 10; El Dorado East, 7; Lisbon, 8; Champagnolle, 4; Stephens, 3; Miller, 1; Irma, 4. Total, 130.

Producers Completed.

Producing wells completed were as follows: Phillips Petroleum Company, J. D. Reynolds No. 1, Section 27-15-15, Chapter Company, Oli Company nita county; Onio Oil Company, R. Pumphrey No. 6, Section 12-17-14, the northeast corner of the southwest Union county; J. D. Reynolds, Lenehan quarter of the northeast quarter of Sec-No. 1, Section 36-15-16, Ouachita countition 16-13-23. The same company has Oil Company, Riley Furlough No. 4, Section 12-17-14, Union County; Root Petroleum Company, W. B. Newton Estate No. 1, Section 36-17-15, Union unty; Root Petroleum Company, E. White No. 1, Section 36-17-15, Union county; J. E Crosbie, Inc., M. W. Sullivant No. 5, Section 12-17-14, Union

Standard Oil Company, J. D. Reynolds B-3, Section 27-15-15, Ouachita county; Lion Oil Refining Company, Berg & Reynolds No. 1, Section 28-15-Company, L. W. Harriss No. 1, Section county, for which permit was issued this week.

23-15-15, Ouachita county; Ozark Natural Gas Company, McDonald No. 1, Section 13-8N-29W, Franklin county; Section 13-8N-29W, Franklin county; J. E. Crosbie, Inc., Sullivant No. 6, Section 12-17-14, Union county; Ozark Natural Gas Company, J N. Ewing Estate No. 1, Section 23-8N-30 W, Sebastian county; Citizens Gas Company, J. W. Joyce No. 1, Section 6-9N-32W, Crawford county.

Benedum Trees Oil Company, Groves Land and Timber Company No. 1, Section 10-14-20, Nevada county; McCreslenn Oil Company, L. Atkins No. 3, Section 3-18-13, Union county; Steele & Warmack, William Haynie No. 1, Section 6-14-20, Nevada county; L. M. Glasco, Ritchie No. 1, Section 10-14-20, Nevada county; Benedum Trees Oil Company, Groves Land and Timber Company No. 2, Section 10-14-20, Nevada county; Benedum Trees Oil Company, Groves Land and Timber Company, Groves Land and Timber Company, Groves Land and Timber Company No. 2, Section 10-14-20, Nevada county; J. D. Reynolds, Lenehan No. 2, Section 36-15-16, Ouachita county; Benedum Trees Oil Company, C. C. Benedum Trees Oil Company, C. C. Fincer No. 1, Section 10-14-20, Nevada county; J. D. Reynolds, P. C. Grayson No. 2, Section 21-15-19, Ouachita county; McCreslenn Oil Company, Atkins No. 4, Section 3-18-13, Union county

wells Drilling.

Wells now being drilled are as follows: Odell Hinson, Montana Realty Company No. 1, Section 3-17-28, Miller county: C. V. Lenz, May B. Dale No. 7, Section 24-15-26, Miller county; A. L. Kitselman, A. L. Kitselman Jr. No. 1, Section 2-1S-13W, Pulaski county; J. F. Russell, J. T. Gunter No. 1, Section 15-5N-10W, Lonoke county; J. R. Lockhart, Ida Robertson No. 1, Section 36-10-11, Cleveland county; Phennark Petroleum Company, W. N. Raulston No. 1, Section 12-17-14, Union County; Arkansas Louisiana Gas Company, L. C. Smith No. 1, Section 10-8N-21W, Pope county.

John G. Wooten, Sparkman No. 1, Section 1-11-20, Clark county; Root Petroleum Company, D. F Jones No. 1, Section 16-13-23, Hempstead county; Benedum Trees Oil Company, L. Block Benedum Trees Oil Company, L. Block No. 1, Section 10-14-20, Nevada county; John R. Lewis, William Haynie No. 1, Section 10-14-20, Nevada county; J. T. Parks, Lynn Smith No. 1, Section 24-15-26, Miller county; Benedum Trees Oil Company, C. C. Fincher No. 2, Sec-tion 10-14-20, Nevada county; Joe G. Straham, Dierks Lumber and Coal Company No. 1, Section 21-12-28, Little River county.

Unfinished Wells

Wells which are as yet unfinished are as follows: Marine Oil Company, W. B. Thompson A-9, Section 10-18-13, Union county; Frank F. Silver, Joseph Chambers Estate No. 1, Section 17-2N-7W, Lonoke county; O. F. Whitaker, trustee, Simon Howard No. 1, Section 20-12-16, Ouachita county; Phillips Petroleum Company, J. T. Arnold No. 1, Section 27-15-15, Ouachita county; John Pugh, Hildebrand No. 1, Section 28-15-15, Ouachita county; H. D. Easton et al., Conway Tillar No. 2, Section 34-12-27, Hempstead county; Citizens Gas Company, J. W. Joyce No. 2, Section 6-9N-32W, Crawford county; Walter Lown, trustee, Atkinson No. 1, Section 7-10-13, Dallas county; Stewart Oil Company, W. E. Stewart No. 1, Section 31-12-23, Hempstead county.

Wells being deepened or to be deepened are: Phillips Petroleum Company

Wells being deepened or to be deepened are: Phillips Petroleum Company, E. Gette No. 1, Section 28-15-15, Ouachita county; and the Phillips Petroleum Company, Edna Morgan No. 1, Section 18-18-17, Union county.

Probable Wildcat Campaign To Begin in Seven Counties.

Special to the Gazette.

El Dorado, Jan. 23.—Continued rains and impassable roads which have hampered oil operations in Arkansas since the first of the year have brought operations almost to a standstill. Rising waters of the Ouachita river have backed up in Smackover creek and much of its bottoms with result that many wells

Lincoln, Nevada, Union, Clark and Clay

In Hempstead county, the Root Petreleum Company is drilling below 3,500 feet in its D F. Jenes No. 1 test in J. E. Crosby, Inc., M. W. Sullivant 4, Section 12-17-14, Union county; seven miles south of the Jones well in C. Henderson, trustee, Sheppard No. Section 24-14-24. The well will be known Section 45-17-15, Union county; Ohio il Company, Riley Furlough No. 4, cated in the southeast corner of the southeast quarter of the northwest quarter. Permit for the test was issued this week by the state Conservation Department. The well is contemplated as a 4,500-foot test. The company has a block of 5,700 acres.

No report could be obtained this week on the depth of the Durckett No. 1 wildcat test of Birdwell et al. being drilled in the southwest corner of the southwest quarter of the northwest quarter of 15, Ouachita county; Phillips Petroleum | Section 24-13-24 also in Hempstead

In Clark county, materials were reported being moved to location for erection of a derrick for a wildcat test to be drilled in Section 22-10-21 by Carlin et al., to be known as the Brown Lumber Company No. 1. In Bradley county, unidentified operators are reported to be planning on drilling a test for the Phillips Petroleum Company on its holdings in Section 15-16-11.

Lincoln County.

Two blocks of acreage have been assembled in Lincoln county and wildcat tests are expected to get under way. Walter Giller of El Dorado has assembled a block of 11,000 acres centering around Section 5-10-7 and Walter Goodwin has assembled a block of 10,000

acres centering around Section 22-8.
West of production in the El Dorado field in Union county approximately 3,000 acres have been assembled by L. A. Cooper et al. for a test in or near Section 12-19-16 with a 4,500-foot test expected to be started in the next several weeks. Rigging up is reported to be nearing completion on the Arrensen No. 1 of Detrick et al. in the southwest quarter of the northeast quarter of Section 3-18-16 in Union county.

In Clay county, John G. Nelson is reported to be drilling ahead on his Frank Underwood No. 1 test located in the southeast corner of the southwest quarter of the northeast quarter of Sec-

tion 4-20N-8E. Almost impassable roads have halted operations on the two tests in the Snow Hill sector of Ouachita county where the Lion Oil Refining Company is drilling a new test and the Phillips Petroleum Company is deepening an old test. The Lion company's new test is the Blanche Levy No. 1 located 660 feet north and 300 feet east of the southwest corner of Section 21-15-15. The Phillips company is deepening the E. Gette (Rose) No. 1 test in the northeast corner of the north half of the southeast quarter of Section 28-15-15.

Permits Issued.

Permits Issued.

Ten permits were issued this week by the state Conservation Department and logs of three were filed. Two of the permits were to drill new tests, one to deepen an old test, two to plug and abandon, and five to plug back and perforate in the Nacatosh sand.

The Poot Petroleum Company obtain-

The Root Petroleum Company obtained permit to drill the Lucy E. Drake No. 1 test' located 330 feet north and No. 1 test' located 330 feet north and 30 feet west of the southeast corner of the southeast quarter of the northwest quarter of Section 24-14-24 in Hempstead county. G. P. Birdwell of Tyler, Tex., obtained permit to drill the Duck-ett No. 1 test located 330 feet north and 330 feet east of the southwest corner of the southwest quarter of the northwest quarter of Section 24-13-24 in Hempstead county.

mortimest quarter of Section 24-13-24 in Hempstead courty. The Phillips Petroleum Company obtained permit to deepen the E. Gette (Rose) No. 1 test located 660 feet south and 330 feet west of the northeast corner of the northeast corner of the northeast corner of the northeast quarter of Section 28-15-16 in Ouachts county.

Abandon Permits.

The McCreslenn Oil Company obtained permit to plug and abandon the D. Norman No. 2 test located 300 feet west of the northeast corner of the northeast quarter of Section 3-18-13 in Union county. The Louisians are considered permit to plug and abandon the M. L. Cook Norman No. 2 test located 300 feet west of the northeast corner of the northeast quarter of Section 3-18-13 in Union county. The Louisians rion and Supply Company obtained permit to plug and abandon the M. L. Cook Norman No. 2 test located 300 feet west of the northeast corner of the southwest of the northeast corner of the southwest of the southwest corner of the southwest quarter. The Marine Oil Company obtained permit to plug back and perforate to the Nacatosh sand in five of their wells, all located in Section 3-15-16, not and the southwest or the southwest quarter; the Snyder No. 2 located 990 feet north and 150 feet west of the southwest quarter; the Snyder No. 10 located 175 feet south of the southwest quarter; the Snyder No. 10 located 175 feet south of the northwest quarter; the Snyder No. 10 located 175 feet south of the southwest quarter and the Snyder No. 12, located 560 feet east and 175 feet south of the northwest quarter of the southwest quarter of the south and 175 feet north of the southwest corner of the north half of southwest quarter of the southwest quarter.

Oil News

Cotton Valley, Sligo Fields In Forefront

May Get "Big Play" in '37-Arkansas Wildcatting Widespread.

Shreveport, La. — The Cotton Valley field of Webster parish and the Sligo field of Bossier parish, where new producing horizons were recently discovered, continued this week to hold main attention of operators in the Shreveport territory, with promise that these two fields will rank among the most productive districts in the North Louisiana area during 1937.

At Sligo, where two good oilers have been completed from the 5,200 foot level in basal Glen Rose, which five operations are now seeking, three new locations were staked. United Gas made locations for Henderson No. 1, section 36-17-12; Haynes Drilling Co. for A. J. Murff 1, section 35-17-12, both over one mile south of nearest production; and Arkansas-Louisiana Gas Co. staked location for Hardman 1, section 6-17-11, on northeast flank of the field, three miles from oil production.

Early next week should see another well reach the new horizon, Arkansas-Louisiana Gas Co.'s Davis 1, section 8-17-11, three and a half miles northeast of production. As the week closed, the well was drilling below 5,100 feet.

At Cotton Valley, this week saw two more wells reach the new 8,100-foot Lower Marine producing horizon, one preparing to test and the other preparing to run casing. Magnolia Petroleum Co.'s Cox 1, section 23-21-10, one and three-quarters mile northeast of the discovery, prepared to set pipe after coring 42 feet of saturated sand to total depth of 8,-137 feet.

Ohio Oil Company, discovery operators were drilling plug in 7-inch casing in Coyle No. 1, section 22-21-10, bottomed at 8,192 feet, in about 40 feet of saturated sand. On first gauge this week, Ohio's Bodcaw 1, section 22-21-10, new pay discovery, made 265 barrels in 13 hours through one-quarter inch choke and estimated three million feet of gas. The field received two new locations,

one-quarter inch choke and estimated three million feet of gas. The field received two new locations, both by the Ohio for A. H. Gray 1, section 23-21-10.

Many operators believe that the

now drilling past 3,480 feet.
In Lincoln county, early tests are
contemplated on two recently assembled blocks. Walter Giller of
El Dorado has 11,000 acres centering around section 5-10-7, and west
of Star City, Walter Goodwin of El
Dorado has 10,000 acres around section 22-9-8 on which early test is
planned.

Phillips Petroleum Co. is reported
to have farmed out its Marsden prospect in southern Bradley county
with location for a Permian lime test
made in section 15-16-11. In Nevada county, four miles northeast of
Root's Jones wildcat, Tidewater Associated et al have completed assembly of a 9,000-acre block around section 6-13-22 on which 4,500-foot test
will be drilled.

Rig was being moved in this week
by Axel Larson et al for Wortham
No. 1, section 29-13-21, new Nevada
county wildcat, north of the Irma
field. West of production in the El
Dorado field, Union county, A. L.
Cooper et al have assembled a block
of approximately 3,000 acres centering around 12-19-16 for a 4,500foot test.

Daily average production in north
Louisiana fields this week totaled

Daily average production in north Louisiana fields this week totaled 71,434 barrels, a decrease of 9,833. Total production in Arkansas was 27,586 barrels, a decrease of 1,393

Oil News

Three Tests In Louisiana Being Watched Nevada Field

Democrat 1-31-37 Wet Weather Hampers Resumed Crews-One New Location in Arkansas.

Shreveport, La.—Interest of north Louisiana operators as the week closed centered on testing operations scheduled at three widely scattered wells, two of them wildcals and the other a three-and-one-half-mile extension test. The week, however, passed without any unusual developments as bad roads continued to delay starting of many new tests and slowed work at operations now under way.

tion is on block of 3,000 acres. Rig is now being moved in.

In the Snow Hill permian lime field, northwest of Smackover, Ouachita county, Phillips Petroleum Company's Rose 1, Section 28-15-15, set seven-inch casing at 4,957 feet. after logging saturated lime to total depth of 4,960 feet. In same area, north of production, Lion Oil Company's Levy 1, Section 21-15-15, was drilling ahead below 2,000 feet.

The deep test of Benedum & Trees' in Block 1, Section 9-14-20, southwest of production in the new Troy field of Navada county, developed a fishing job at 3,685 feet. Well-logged top of the Travis-Peak at 2,675 feet.

Two other wells of this company in the Troy area, Fincher 2, bottomed at 1,260 feet, and Grove 5, with total depth of 2,137 feet, both in Section 10-14-20, continued to wait on pumping units. High water has delayed all activity in this area.

Top price for crude in Arkansas was boosted to \$1.22 per barrel late this week through a 12-cent high inaugurated by the Standard of Louisiana and following on the heels of a general hike in Texas. Smackover crude, however, was hiked 15 cents per barrel to 90 cents. This will mean approximately \$3,500 per day increase for Arkansas producers.

OIL NEWS

Activity In

sible.

Benedum & Trees Oil Company's C.

C. Fincher No. 2, located in the southwest quarter of the northeast quarter of Section 10-14-20, in which casing was set in the Nacatosh sand at a depth was set in the Nacatosh sand at a depth.

Smackover Field was set in the Nacatosh sand at a depth

continue. Spectators say the drill stem
was dropped 1,700 feet and efforts to
dislodge and remove it have been un-

Successful.

Charley Steele and Bryan Warmack have poured cement for foundation for their pump at their William Haynie No.

1 leasted in the switchest for foundation for their pump at their William Haynie No.

1 leasted in the switchest for foundation for their pump at their William Haynie No.

1 leasted in the switchest for foundation for the peak production has been 4,926,850 barrels with peak production last year was 307,770 in 1927. Production last year was 307,770 in 1927. the southwest quarter of the northwest quarter of Section 6-14-20 in the Irma or Waterloo field, and expect to begin and has the southwest quarter of the northwest ruarter of Section 6-14-20 in the Irma or Waterloo field, and expect to begin pumping next week. This test was drilled in two weeks ago and fluid stands 900 feet in the casing. Their pits have been completed to care for production.

Wild Well Produces.

C. B. & F. Petroleum Company's William Haynie No. 1 on the John R. Lewis lease in the southwest corner of

oli feet. It will go 10,000 feet.

In hopes of increasing the well's land reported logged at production for E. 12. Oake the southwest corner of the south carner of section 5.

completion of the pipe line.

Root Petroleum with planning another wildcat in Hempstead immediately, to be in section 24-14-24 on a 5,700 acre spread of leases. Contracted as a 4,500-foot test, location will be about seven miles south of its Jones No. 1, now drilling past 3,480 feet.

In Lincoln county, early tests are contemplated on two recently associated blocks. Walter Giller of blocks. Walter Giller of bled blocks. Walter Giller of block of 3,000 acres. Rig is tion is on block of 3,000 acres. Rig is tion is on block of 3,000 acres. Rig is tion is on block of 3,000 acres. Rig is to announce location for another test on his acreage in this territory near the bled blocks. With many tests still shut down, due to high water and bad roads.

Only one new location was reported, the Waterloo field, located in the west corner of the southwest quarter of Section 29-13-12, was drilling today at a depth of 1,900 feet. While operators are giving out no information, it is reported that the Nacatosh sand. Robert S. Holmes has charge of operations and expects to announce location for another test on his acreage in this territory near the property of the many tests still shut down, due to high water and bad roads.

Only one new location was reported, the Waterloo field, located in the west corner of the southwest quarter of Section 29-13-14, was drilling today at a depth of 1,900 feet. While operators are giving out no information, it is reported that the Waterloo field, located in the west corner of the No. 1, 1,900 feet. While operators are giving out no information in the Waterlo

John G. Wooten and associates still are unable to resume operations because of high water at their Z. T. Sparkman No. 1 test in Clark county two miles south of Whelen Springs and just a quarter of a mile east of Little Missouri river. The Nacatosh sand was encountered in this hole at a depth of encountered in this hole at a depth of 560 feet but oil in paying quantities at that depth was not forthcoming. Operators expect to drill deeper and start two tests soon in Nevada county about two miles west of this test.

Steady Drop Since 1925 In Oil Production

Gazette

Special to the Gazette. 1-31-37 El Dorado, Jan. 30.—Since 1920, when

there was a small amount of oil produced in the southwestern part of Ouachita county, until January 1, 1937, there has been a total of 429,800,250 barrels of oil produced in Arkansas, figures obtained from C. E. Harris, chief conservation agent for the state Board of Conservation, show.

The largest production in any one year during that period, Mr. Harris reports, was in 1925 when 77,398,000 barrels were produced. Production increased Gazette

Gazette

Gazette

Gazette

Special to the Gazette. 1-31-37
Prescott, Jan. 30.—Three days' sunshine brought a renewal of activities in the Nevada county oil fields, where work had ceased practically for nearly three weeks. Bridges washed away by swollen streams have been replaced.

Tels were produced. Production increased with leaps and bounds from the completion of the Busey well west of El Dorado early in 1921 and the completion of the V. K. F. Drilling Company Richardson No. 1 discovery well in the Smackover field in Ouachita county the following year until 1925. Since then there has been a steady decline until the production last year totaled 10,676,450 barrels.

The El Dorado arily in 1921 and the completion of the V. K. F. Drilling Company Richardson No. 1 discovery well in the Smackover field in Ouachita county the following year until 1925. Since then there has been a steady decline until the production last year totaled 10,676,450 barrels.

swollen streams have been replaced, are the oldest in the state, having been roads are being dragged and traffic discovered in 1921, and have produced into and from the fields is again pos-

Smackover Field.

was set in the Nacatosh sand at a depth of 1,200 feet more than 15 days ago, was drilled in early this week and oil stands within 200 feet of the derrick floor. It is estimated by the owners that this well will be good for 500 barrels of oil a day on the pump.

In their Lilly Block No. 1 in the northeast corner of the northeast quarter of the southeast quarter of Section 9-14-20, Benedum & Trees Oil Company is having a fishing job with 2,000 feet of drill stem in the hole. This test in 1922 and has produced a total of

feet of drill stem in the hole. This test continues "tight" and mystery surrounds operations. As soon as the fishing job is completed the drilling will production from the area last year was continued to drill stem in 1922 and has produced a total of 5,404,650 barrels. Peak production was in 1924 with 818,000 barrels produced. Production from the area last year was

318 Wildcat Tests Rumored as Oil Activity Is Renewed.

Gazette
Special to the Gazette. 1-31-37
El Dorado, Jan. 30.—Clearing skies and improved road conditions in South Arkansas this week caused a renewal of activities in several sections and increased talk of other wildcat operations

Aside from the Nevada county opera-tions of Benedum & Trees and other operators, the Snow Hill sector of the Smackover field in Ouachita county attracted attention where operations are under way on two tests and others are expected to be started.

15 cents a barrel for Smackover and El Dorado east field crude and 12 cents a barrel for Rainbow City crude. The new price for the Smackover and East field crude is 90 cents a barrel compared with 75 under the old rate.

The new price for Rainbow City crude is 90 cents a barrel for 25 degree and below gravity oil with a two cent differential for each degree in gravity up to a top price of \$1.22 a barrel for 40 degree and above gravity.

In the Snow Hill sector the Phillips In the Snow Hill sector the Philips
Petroleum Company is preparing to set
casing at 4,992 feet in its E. Gette
(Rose) No. 1 in Section 28-15-15. A
good sand is reported to have been
encountered at 4.860 to 4,992 feet and
a test was made which is said to have
made a good oil showing. Operators
are reported planning to set casing for
final testing. The setting of casing
was delayed because of had roads but was delayed because of bad roads but the work is expected to be completed in a few days. The test is located in the northeast corner of the north half of the southeast quarter of Section 28-

Lion Oil Operations.

The Lion Oil Refining Company is

reported to be drilling below surface casing in its Blanche Levy No. 1 in Section 21-15-15. Sixteen-inch surface casing was set at 900 feet. The well, northeast of production in the deep sand area in the Snow Hill sector, is to be drilled to the Permian lime formation. The test is located 660 feet north and 300 feet east of the southwest corner of Section 21-15-15.

West of El Dorado in the Schuler area, the Lion Oil Refining Company is rigging up on the Edna Morgan No. 1

preparing to deepen the hole. The well was drilled to 4,270 feet by the Phillips company and temporarily abandoned. The Lion company plans to take the test to a depth of 7,500 or 8,000 feet in search of Permian lime formation production, it is reported. The test is located in the southwest corner of the southwest quarter of the southwest or of the last validated operations in the Lisbon area northwest of El Dorado tare to be started in the next few weeks and reports are that location has been made for a test but no definite information could be obtained on the proposed test. The last well to be drilled in that area was the A. E. Slaughter No. 1 itest of Don Keever and associates in Section 9-17-16 which was temporarily abandoned at a depth of 4,515 feet. Poper County.

In Pope county, the Arkansas Louisiana Gas Company is drilling below 4,347 feet in its L. C. Smith No. 1 test of Section 10-18-18.

Blocks for new wildcat tests were reported to have been assembled in four months of the southwest quarter of

pany has had seismograph testing crews shooting for the last five months.

reported to have assembled several thousand acres centering in Section 1-1-25 northeast of Washington with drilling to be started before February 15.

Also in Hempstead county, centering around Section 9-14-25, 10 miles southeast of Hope, Sutton & Hawkins of Tyler, Tex., are reported to have as-sembled approximately 6,000 acres for a test expected to be started soon.

OIL NEWS

Nevada Deep Test Continues

"Tight" 1937

Special to the Gazette.

In addition to oil operations, a hike in the price of crude oil announced as effective on January 28 at 7 a. m. brought cheer. The hike in crude was 15 cents a harrel for Smeakers. findings are undisclosed. It is known the drill bit is nearing the Permian or Big Lime sand in the Travis peak be-tween 4,500 and 5,000 feet and operators are taking cores frequently. This test is in the northeast corner of the northeast quarter of Section 9-14-20.

Benedum & Trees Oil Company report strong gas pressure in the Nacatosh sand in their Mary Jackson No. 1 in the northeast corner of the northwest quarter of the northeast quarter of Section 9-14-20. That sand had the best oil showing of any well drilled in the onew field in the Nacatosh. The well was started as a Woodbine or Tokio sand test at the 2,200-foot level and the Nacatosh was passed up for the lower

Benedum & Trees Oil Company is nearing the Tokio sand at 2,200 feet in their Fincher No. 3 test, located in the northeast corner of the southwest quarter of the northeast quarter of Section 10-14-20 and expect to set casing Mon-Stewart Well Interests.

W. E. Stewart is nearing the Nacatosh sand at 1,200 feet in his W. B. Waller Estate No. 1 test located in the

this week disposed of their 40-acre lease on the southeast quarter of the northwest quarter of Section 6-14-20 in the Waterloo or Irma Field to R. B. Southeast quarter of the southeast quarter of Section 28-15-15 which test of the Phillips Petroleum Company preparing to deepen the hole. The well was drilled to 4,270 feet by the Phillips William Haynie No. 1 recently brought

ter of Section 10-8N-21W.

Wildcat Tests.

Blocks for new wildcat tests were reported to have been assembled in four Arkansas counties last week. Two of the new tests are to be in Hempstead county. Others are in Ashley, St. Francis and Cross counties.

In Ashley county where there was much leasing after discovery of Permian lime production in the Snow Hill sector of, Ouachita county, Ralph Bloomfield to the Washiple of County assembled approximately 8,000 acres south of Fountain Hill in township 16. In St. Francis and Cross counties, The Ashley county of the Mullims & Williams are reported to have assembled approximately 8,000 acres south of Fountain Hill in township 16. In St. Francis and Cross counties, The Ashley county of the Mullims & Williams of Houston, Tex., the northeast quarter of Sullims & Williams of Houston, Tex., the northeast quarter of Scotion 5-14-20 and is a half-mile extension of the Watmard to have assembled approximately 8,000 acres in a drilling block of additional Disch of the Taxis and Cross counties.

Nevada County Permits.

Nevada County Permit

For Snow Hill Area.

In Hempstead county, Todd et al are El Dorado, Feb. 20.—Prospects for a east quarter of Section 6-14-20 in Nerenewed drilling campaign in the Snow Hill deep area of the Smackover field in Ouachita county appeared Wallace ar bright this week following completion of another small oil and big gas well by the Phillips Petroleum Company last week. In addition, the Lion Oil Re-

week. In addition, the Lion Oil Refining Company is coring in the lime formation in an outpost well to the northwest of the producing area.

Indications are that if the Lion completes a producer, several tests temporarily abandoned may be operated and new tests may be started. At present there are five wells producing ent, there are five wells producing varying quantities of oil and large quantities of gas. Another well that has been a producer is being reconditioned and is expected to start pro-

Operators are interested in a test in the Shuler area of western Union county which was abandoned several months ago after being drilled to a depth of 4,270 feet. The test is the Edna Morgan No. 1 of the Lion Oil Refining Company in Section 18-18-17. The test was abandoned by the Phillins. The test was abandoned by the Phillips Petroleum Company several weeks ago.

The Lion company resumed opera-tions on the test this week and has completed cleaning the hole for drilling. It has been reported that Lion officials plan to take the test to a depth of 7,500 to 8,000 feet unless production in commercial quantities is encountered at a lesser depth. Operators are reported planning to drill to the Permain lime formation, from which production is being obtained in the Snow Hill sector. The Morgan test is located 1,980 feet north of the south line and 4,237 feet east of the west line of the southwest quarter of Section 18-18-17.

Latest Completion.

The latest completion in the Snow
Hill area is the Rose (E. Gette) No. 1 test of the Phillips Petroleum Company in Section 28-15-15 which was comin Section 28-15-15 which was comtion 16-16-15 in Union county.

pleted last week from a depth of 4,824 The King Oil Corporation filed log to 4,844 feet for a producer of 10 of the C. H. Schroeder No. 1 test lobarrels of high gravity oil and 1,500,000 cated 200 feet north and 330 feet east cubic feet of gas per day. The well had been abandoned temporarily last year at a depth of 4,819 feet but after the first of the year the Phillips company resumed operations. The well tested dry below 4,900 feet after casing had been set and operators plugged back to the higher level where a good showing had been obtained and casing was perforated and the well completed. The test is located in the north half of the southeast quarter of Section

of the southerst quarter of Section 28-15-15.

In the outpost test in Section 21-15-15, northwest of the producers in the Snow Hill area, the Lion Oil Refining Company has started coring on its Levy No. 1. The well is below 4,925 feet in the formation. The test is located 660 feet north and 330 feet east of the southwest corner of Section 21-15-15.

Two tests in the area that were abandoned may be reopened if the standoned may be reopened if the Lion completes its Levy well for a producer, it is reported in El Dorado. They are the Amanda Cheatham No. 1 test of the Phillips company located in the of the Phillips company located in the southwest corner of the southwest corner of Texarkana assembled a 7,000-acre block for a proposed 6,000-foot test on Commercial National Bank lease in section 20-18-28, Waller Estate No. 1 test located in the northeast corner of the northeast quarter of Section 1-14-20. This test is creating interest as a producer would mean an extension of the new field, the test being two miles northeast of Benedum & Trees discovery well. in Section 10-14-20 and on the extreme eastern boundary of Neonth Section 27-15-15 which was abandoned at tion 27-15-15 which was abandoned at the northeast quarter of Section 27-15-15 which was abandoned at the northeast quarter of the southwest quarter of the northeast quarter of Section 27-15-15 which was abandoned at the northeast quarter of Section 27-15-15 which was abandoned at the northeast quarter of the southwest quarter of the northeast quarter of a depth of 4,917 feet and the P. T. Hildebrand No. 1 test of John Pugh

on Crowley Ridge with drilling to be started in the area before December Drilling Campaign in Prospect obtained permit for the Junie Haynie No. 1 test located 330 feet south and 330 feet west of the northeast corner of the northeast quarter of the south-

Other Permits.

Wallace and Staples obtained permit to plug and abandon the W. F. Davis No. 1 test, located 300 feet north and 300 feet west of the southeast corner of the southeast quarter of the northwest quarter of Section 23-6-15 in Grant county. J. T. Parks obtained permit to plug and abandon the Lynn Smith No. 1 test located 660 feet north and 225 feet east of the southwest corner of the southwest quarter of the southeast quarter of Section 24-15-26 in Miller county. The King Oil Corporation obtained permit to plug and abandon the C. H. Schroeder No. 1 test located 200 feet north and 330 feet east of the southwest corner of the southwest quarter of the northeast quarter of Section 300 feet west of the southeast corner of ter of the northeast quarter of Section

southwest quarter of the northeast quarter of Section 16-14-27 in Miller

The Lion Oil Refining Company obtained permit to plug and abandon the Wilson No. 2 test located 450 feet from wilson No. 2 test located 450 feet from the west line of the north half of the south half of the northeast quarter of the northwest quarter of Section 17-16-15 in Union county. The King Oil Corporation obtained permit to plug and abandon the Kitchens, Rhea & Fullenwider No. 1 test located 500 feet south and 566 feet west of the northeast guarter of the southeast guarter of east corner of the southeast quarter of the northwest quarter of Section 13-17-22 in Columbia county, L. L. Sugar obtained permit to plug and abandon the George Dunn No. 1 test located in the northwest corner of the northwest quarter of the southeast quarter of Section 16.16.15 in Union country.

of the southwest corner of the southwest quarter of the northeast quarter of Section 24-14-28 in Miller county, Don Keever filed log of the A. E. Slaughter 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 9-17-16 in den filed log of the P. C. Grayson No. 2 test located in the northwest quarter of the southeast quarter of Section 21-

tional Bank lease in section 20-18-28, now shut down at 5,325 feet.

In the same county G. G. Nesbitt has assigned a number leases around section 6-17-28 to Standard of Louisiana and in 15, range 27, Standard and Tidewater have geophysical crews at work

and Tidewater have geophysical crews at work.

In the same county, northwest of the shallow Garland City field, Erwin and Leach made location for No. 1 Merchants and Planters bank, section 18-15-26.

Walter Iown's No. 1 Atkinson, section 7-10-13. Dallas county, shut down at 2,763 feet after testing salt water.

down at 2,763 feet after testing salt water.

In Grant county, Wallace and Staples, after junking hole at 2,380 feet in No. 1 Davis, section 23-5-15, are skidding over for a new hole.

In Cleveland county, Moseley et al have assembled 11,000 acres centering around section 21-9-10 for a 3,-700-foot test by May 1.

Around section 20-11-18, Ouachita county, W. H. Copenhaver has assembled 6,000 acres with a requirement to spud in by March 1.

Production Record.

The total cumulative production of

Production Record.

The total cumulative production of oil in the Rodessa Field to date is 26,425,231 barrels. Of this total yield 22,100,345 barrels was produced on the Louisiana side. Total wells in the field now number 551 of which 348 are on the Louisiana side and 205 on the Cass county, Texas, side. The Texas side, which for several months has been the more active is rapidly gaining on the Louisiana side. The first oil well on the Texas side was completed a year ago last December.

Oil News

Gas-Distillate Fields Loom As Important

Three Reported in Louisiana-Nevada County Well Comes In.

Shreveport.—Three new gas-distillate producing fields from thee Travis Peak horizon appeared assured for north Louisiana last week as the result of drill stem tests in two Bienville parish wildcats and logging of saturation in a test in the Sibley field, Webster parish, which now has three gas-distillate wells producing from the Glen Rose below the anhydrite.

Rodessa had a quiet week with chief interest centered in two Marion county, Texas, outpost tests, one of which, Holcomb, Thomason et al's No. 1 Lizzie Henderson, R. Bennington survey, was re-testing after cementing perforations in casing that caused the well to blow out as a large gas-distillate well when casing was shot, in an effort to increase the oil flow following previous perforations. forations.

forations.

Lidee, Greer et al's No. 1 J. D. Smeelley, section 13-16n-5w, Bienville parish, Driscoll district, three-fourths of a mile south of the same operator's No. 1 Davis Ybr. Co., section 12-16n-5w, discovery weell in the Glen Rose and a gas-distillate producer, showed an estimated fifty million cubic feeet of gas with a show of distillate in a drill stem test in the Travis Peak, from 7,163 to 7,-193 feet, and for thirty million feet in a similar test from 7,205 to 7,240 feet. The well is coring ahead looking for an oil bearing horizon. The gas rights on this block were purchased from these operators several months ago by Arkansas-Louis-

looking for an oil bearing horizon. The gas rights on this block were purchased from these operators several months ago by Arkansas-Louisiana Gas Company.

In the same parish, Bear Creek district, Texas-Seaboard Oil Corporation's No. 1 McGee, section 3-16n-6w, after drilling to total depth of 8,017 feet, perforated seven-inch casing cemented at 7,357 feet, and with perforations at 7,325 to 7,333 feet, at 7,345 to 7,355 feet, and at 7,448 to 7,462 feet testeed an estimated 75 million feet of gas daily with a spray of distillate and are now preparing to perforate again at 6,682 to 6,700 feet. This is also Travis Peak, The third Travis Peak showing was in Standard Oil Company of Louisiana's No. 1 Fudicker, section 2-17n-9w, Webster parish, Sibley district, which in cores from 6,956 to 6,991 feet logged ten feet of formation, eight at the top, showing gas-distillate saturation. Thhe well is coring red and blue shale with streaks of lime at 7,040 feet.

The "Travis Peak fever" also hit the Rodessa field, Marr and Perkins revealed plans to deepen No. 5 Hunter, section 13-23n-16w, an oil producer in the Glen Rose, to the Travis Peak horizon that would be about 7,000 feet.

A new sand between the Gloyd and the Dees has been identified in Standard of Louisiana's No. 1 Parker, section 4-23-16w, and in J. Edward Jones' No B-1 Maidie Sharpe, section 4-23-16w, and in J. Edward Jones' No B-1 Maidie Sharpe, section 4-23-16w, north of a supposed lateral fault at Rodessa, this being logged at 5,053 feet in the Standard well and at 5,980 feet in the Standard well and at

perforated. Total depth is 6,045 feet.

North Caddo Refining Company has contracted to buy 6,000 barrels of oil daily from Caddo Pipe Line company, delivery to be 500 barrels daily. Tidewater Associated's casinghead plant at Rodessa, section 14-23n-15w, has shut down temporarily. The Sligo field, Bossier parish, added its third oil producer from the Petitt, basal Glen Rose horizon last week when United Gas Public Service company's No. H-1 A. C. Skannal, section 26-17n-12w, was completed at 5,144 feet, 24 feet in the Petitt, flowing five barrels of oil, free of water, per hour through eighth-inch tubing choke, After flowing several hours it was shut in flowing several hours it was shut in

flowing several hours it was shut in for tanks.

With five wells drilling the newly discovered Lisbon oil field, Claiborne parish, is the center of the greatest leasing of any field in this territory at present. Magnolia Petroleum Company, Arkansas-Louisiana Gas Company and T. L. James, as well as Gulf Oil Corporation, the latter toward the east, are the heaviest buyers at present.

iest buyers at present.

H. D. Conley of Shreveport has assembled 12,000 acres centering assembled 12,000 acres centering around section 49-6N-3E, Grant parish, for a contemplated 6,000-foot test. Texas Company is reported to have acquired mineral interests in

30,000 acres.
Louisiana was given an increase of 300 barrels in its daily allowable for March over the February allocations of the minerals division, Louisiana Conservation Commission, the March allowable for the state being 236,000 barrels. North Louisiana's allowable remained at 72,500 barrels, of which 50,000 barrels is for the Louisiana side of Rodessa.

the Tokio or skid the derrick for another test R. B. Powers of Shreveport has installed a Lufkin electric pumping unit at the Steele & Warmach William Hay-

nie No. 1 he recently acquired in the southeast quarter of the northwest quarter of Section 6-14-20 in the Waterloo

field and pumping from this well which bailed in some two weeks ago will start Monday. Powers has derrick up and will

begin drilling his William Haynie No. 2 on the west side of this forty next

Although hope of getting Permian lime production in a quarter mile north outside test in the Snow Hill district, Ouachita county, Arkansas, was dimmed by appearance of salt water in two drill stem tests, activity in the new Troy field, Nevada county, that produces from the Nacatosh and Tokio horizons, continued apace.

In the Snow Hill area, Lion Oil Refining Company's No. 1 Levy, section 21-15-15, tested salt water at 4,925-60 feet in Permian lime after logging it at 4,937 feet, and is coring

logging it at 4,937 feet, and is coring ahead below 5,120 feet.

In Troy, Nevada county, Benedum and Trees' No. 5 Grove is a 200-barrel pumper at 2,137 feet. It is in section 10-14-20. Some water is with the oil. The same company's No. 1 Mary Jackson, section 9-14-20, showed for a producer in the Tokio testing 1,000 feet of oil in drill stem test at 2,138 feet. Its No. 1 Block, Travis Peak test, showed salt water at 4,230 feet and is coring ahead.

The O. K. Cement Company is reported to have taken Homer Tuson et al's block north of Saratoga centering around section 20-11S-27W, Howard county, and plans to move a rig on the location in that section from Oklahoma.

from Oklahoma.

from Oklahoma.

Easton, May et al's. No. 2 Conway
Tiller, section 34-12-27, has been
abandoned at 3,246 feet and in the
same county Root Petroleum Company's No. 1 Jones, section 16-13-23;
was a junked hole at 4,515 feet.

Arkansas-Louisiana Gas Company
abandoned No. 1 Smith, section 108N-21W, Pope county, and A. L. Kitselman abandoned No. 1 Fee, section
2-1S-13W, Pulaski county, as dry at
788 feet.

Nevada Well Producing. Outside the Rodessa field only one commercial well was completed in the north Louisiana-Arkansas territory last week, this being a Tokio horizon producer in the new Troy field, Nevada county, Arkansas.

The new producer is Benedum and Trees Oil Company's No. 5

and Trees Oil Company's No. 5
Grove, section 10-14-20, completed at 2,138 feet, pumping 600 barrels of fluid, 50 per cent oil, per day.

Daily average oil production in Arkansas showed a gain last week over the preceding seven-day period as streams receded and flooded wells, especially in the heavy Smackover field, returned to production.

Arkansas's average rose to 26,247 barrels, a gain of 706 barrels. North Louisiana's average dropped 59 barrels to 70,339 barrels. Rodessa's average on the Louisiana side for the week just closed was 48,732 barrels, a decline of 593 barrels for the week.

Daily average production last week by districts in Arkansas follows: El Dorado, 1,569 barrels; Calion, light, 1,718 barrels; Calion, heavy, 1,965 barrels; Smackover, light, 2,413 barrels; Smackover, heavy, 16,450 barrels; Lisbon, 280 barrels; Nevada county, 785 barrels; Stephens, 566 barrels; Miller county barrels; Nevada county, 785 barrels; Stephens, 566 barrels; Miller county, 483 barrels; Camden, 18 barrels.

Rainbow City May Have Well

Test of Raulston No. 1 Near: Two Wildcats Interest Oil Men.

the Smackover field.
Only one of the wells is near the testing stage. This is the Raulston No. 1 of the Penn-Ark Oil Company in section 12-7-14, Rainbow City field. Casing was set the first of this week, and drilling-in operations are scheduled within a short time.
The Raulston test is one of the few wells to be drilled in the Rainbow

Schulen, to the southwest of El Dorado. Drilling is in progress below 4,300 feet on a test that may be taken down as deep as 8,000 feet. This well is an operation that was started months ago by the Phillips Petroleum Company and then temporarily abandoned. Only recently the Lion took over the well and resumed drilling activities from bedrilling activities from be-

5,200 feet.

The newest well in Union county is the G. G. Simmons No. 1 of the Arkansas Southern Oil Company, in the northwest corner of the northwest quarter of section 15-18-13, Urbana area, to the southeast of El Dorado. The well was spudded in and surface casing has been set, according to rebeen set according to re-

Only one other permit for a new well was issued last week by the Arkansas Board of Conservation. This went to Wallace and Staples, of Hot Springs for the W. F. Davis No. 1 in the southeast corner of the southeast quarter of the northwest quarter of section 23-6-15, Grant

OIL NEWS

New Producer ExpectedFrom Tokio Sand

Special to the Gazette. 2-28-37

Prescott, Feb. 27.—The test attracting most attention in the Nevada county oil field this week, excepting the Lilly Block deep test, was the Mary Jackson No. 1 in the northeast corner of the northwest quarter of the northeast quarter of section 9-14-20 in which casing was set at the Woodbine or Tokio sand at the 2,200-foot level Monday. A drill stem test, according to operators for Benedum & Trees Oil Company, drillers, disclosed the sand to be heavily saturated with oil and the test promises to be the best producer in the field from that sand. Workmen are busy leveling off the ground for the erection of steel storage tanks to take tanks to take care of production. Material for the tanks is on the location and only heavy rainfall which began Friday is delaying the bringing in of the well. Officials estimate the well good for 1,500 barrels of oil a day. The Nacatosh sand at 1,200 feet was passed up in this test but drillers and officials

in this test but drillers and officials say the sand was 20 feet deep and thoroughly saturated with oil.

Benedum & Trees Oil Company announced location for a Woodbine test 330 feet due north of the Mary Jackson No. 1 to be known as Mitchell No. No. 1 to be known as Mitchell No. 1 in section 4-14-20.

Berry Asphalt Company set surface casing at 300 feet in their Junie Haynie No. 1 in the old Waterloo field in the northeast corner of the northeast quarter of the southeast quarter of section 6-14-20 and are drilling at 600 feet. This test is in proven territory and of-ficials expect to bring in an average

Deep Test Still "Tight." Benedum & Trees Oil Company's Lilly Block No. 1, the field's deep test, continues "tight" but rumors are persistent that the drill stem has reached the Permian or Big Lime sand in the Travis Peak at 4,500 feet and drilling is cautious with drillers taking frequent cores. Officials and employes of the company decline to divulge information but other drillers and scouts say the sand is streaked with oil, and real news will be forthcoming next week. The test is lo-cated in the northeast corner of the northeast quarter of the southeast quarter of section 9-14-20.

A large crew is at work installing Benedum & Trees Oil Company's huge 55,000-barrel steel tank, which is threefourths completed and should be finished next week.

El Dorado—With one new well having been started during the past week, interest of members of the El Dorado Oil fraternity now centers in four tests in as many different fields of this territory.

Two of the tests are in or near proven fields, one is a rank wildcat and the other is some distance removed from the deep lime producing area in the Snow Hill sector of the Smackover field.

Only one of the wells is near the "Wild" Well Controlled.

C. B. & F. Petroleum Company officials are convinced they have succeeded in muddying off the huge gas pressure in their William Haynie No. 1, the field's "wild well" located in the southwest corner of the northwest quarter of the northeast quarter of the Tokio sand at 2,200 feet.

R. B. Powers of Shreveport, La., has derrick up for William Haynie No. 2 on the west side of the southeast quarter.

the west side of the southeast quarter of the northwest quarter of section 6-14-20 as an offset to the William Haynie No. 1 on the same 40 which was brought in by Charley Steele and Bryan War-mack. Powers acquired the lease on this 40 last week and his contract calls for the drilling of a third well on the 40

The Raulston test is one of the few wells to be drilled in the Rainbow acres within 90 days.

City area in recent months. In drills stem tests it showed for a small producer from the Crain sand around 3,000 feet, and operators are hopeful of bringing in a commercial producer.

Another test is expected to be drilled in Section 2-18-28 by McClanmahan and associates with operations expected to be started in about two weeks.

East of Texarkana the Tidewater and Standard companies have seismograph being placed on the ground and the test bein the ground and the test being placed on the ground and the test The rank wildcat is the Morgan No. 1 test of the Lion Oil Refining Company, in section 18-18-17, near Schulen, to the southwest of El Docores and the graded in next week. This location is not quite a half mile north of the Benedum & Trees Oil Company discovery well in section 10-14-20. tion is not quite a half mile north of the Benedum & Trees Oil Company dis-

covery well in section 10-14-20.

W. E. Stewart has been idle this week in his W. B. Waller Estate No. 1 located in the northeast corner of the northeast quarter of the northeast quarter of section 1-14-20 but expects to resume operations next week. This test is two miles northeast of the discovery well and is located on the eastern boun-

dary of Nevada county. The Lion also is drilling the Snow
Hill semi-wildcat. This is the Levy
No. 1, in section 21-15-15. Coring
is in progress now slightly below pany tank farm to the Berry Asphalt Company's plant at Waterloo on Wednesday through the asphalt company's eight-inch pipe line. This line is five miles long and will make it unnecessary to haul oil from that field by trucks. Benedum & Trees Oil Company is erecting steel tanks of 500-barrel capacity in the new field near each of their wells, and with the pipe line in operation it will not be necessary to close down any

At the new village of Nevark, Claude Garner has his store building and hotel three-fourths completed. Several lots have been sold in the townsite and houses are being erected. Roads remain passable and county trucks will begin hauling gravel to be placed on the "east off" read part week. "cut off" road next week

Town Growing.

In wildcat territory, W. E. Stewart is drilling around 1,500 feet in his W. S. King No. 1 near the town of Sutton in the southeast corner of the southwest quarter of the northeast quarter of sec-tion 6-13-22. Showings of oil in the Nacatosh sand were slight and the oprators are drilling to the Tokio or

Axel Larson, trustee, has ordered a heavy rig brought in to continue drilling in his James T. Wortham Estate No. 1 in the southwest corner of the southwest quarter of the northwest quarter of section 29-13-21 three miles Production and one and a half miles west of Rosston, former Nevada county seat. Drilling was discontinued two weeks ago at 2,300 feet and the rig moved to another field. Larson expects to drill to the 3,500-foot level.

Blocks of acreage are about completed for wildcat tests near Bluff City, Laneburg and Mount Moriah, and locations for tests will be announced next

Wildcat Tests, Reported Planned, Share Oil Interest.

Special to the Gazette

El Dorado, Feb. 27.—Wildcat tests to be drilled in scattered sections of Arkansas shared attention of the oil fra-ternity this week with continued de-velopment of the Benedum & Trees field in southern Nevada county. The Lion Oil Refining Company is

drilling ahead on two tests to be drilled to the Permian lime formation, one in the Snow Hill sector of Ouachita county and the other in the Schuler area

of Union county west of El Dorado.
In the Snow Hill test in the Smackover field, the Lion company is drill-ing ahead at 5,250 feet in the lime formation, more than 200 feet in the formation. Contract calls for a depth of 400 feet in the lime formation. Officials report that as yet no showing has been obtained in cores taken. The test is located 660 feet north and 330 feet east of the southwest corner of Section 21-15-15, an outpost test to the northwest of production in the deep

area.

In the Union county test, the Lion company is drilling at 4,486 feet in sandy shale in its Edna Morgan No. 1 test which is located 1,980 feet north of the south line and 4,237 feet east of the west line of the southwest quarter of Section 18-18-17. The test, which is adopted 4,270, feet by was drilled to a depth of 4,270 feet by the Phillips Petroleum company being abandoned several months ago, will be drilled to a depth of 7,500 to 8,000 feet by the Lion company.

Deep Wildcats Reported.

Three new deep wildcat tests are also reported being planned in Miller county with operations to be started

Erwin & Leach and associates are reported to have made location for a wildcat test to be drilled in the north-east corner of the southeast quarter of the southeast quarter of Section 18-15-26. The test will be known as the Merchants and Planters Bank No. 1. It is located four and a half miles west of the Dale No. 7 test of C. V. Lenz which is located on the northeast flank of the Garland City field.

Carl B. King of Dallas, Tex., is reported moving rig for a deep test to be drilled in Section 2-17-27 in Miller county. The test is about eight miles east of the Montana Realty Company No. 1 test of Joiner et al in which oil and gas showings were said to have been obtained but was shut down when

testing showed salt water.
A 7,200 foot test to the Travis Peak is reported to be planned by Thad Bryant of Texarkana. The test will be the Commercial Bank of Shreveport No. 1 and will be located on a 7,000 acre block centering in Section 20-18-28 about a half mile south of Sulphur river near the Cass county (Tex.) line.

The Standard company seismograph crews in Columbia county shooting about three miles northeast the Shell Petroleum Company is reported to have shooting crews and the Ohio Oil Company has a torsion balance crew working in Lafayette county

Quachita County.

In Ouachita county, W. H. Copenhaver is reported to have completed as-sembling a block of 6,000 acres centering around Section 20-11-8 calling for a test to be started about March

In Cleveland county, Mosely and associates have taken an 11,000 acre tract with a 3,700 foot test to be started Sevier County.

C. J. Binkley is reported to have started drilling operations on his Dierks No. 1 test located in the southwest corner of the southeast quarter of the northeast quarter of Section 14well in the future because of lack of 10-29 in Sevier county.

Todd are reported ready to start operations on the Smith No. 1 wildcat test in the southwest quarter of the southeast quarter of Section 1-11-25.

Permits Issued.

Two drilling permits were issued by he state Conservation Department this

week and logs of two wells were filed. Wallace & Staples of Hot Springs obcained permit for the W. F. Davis No. 2 test located 125 feet north and 375 feet west of the southeast corner of the southeast quarter of the northwest quarter of Section 23-6-51 in Grant The Arkansas Southern Oil Company

obtained permit for the G. G. Simmons No. 1 test located 200 feet east and 200 feet south of the northwest corner of the northwest quarter of the northeast quarter of Section 15-18-13 in

A. L. Kitselman filed log of the A. L. Kitselman Jr., No. 1 test located 330 feet north and 330 feet west of the southeast corner of the southeast quarter of the southwest quarter Section 2-1S-13W in Pulaski county.

H. D. Easton and others filed log the Conway-Tiller No. 2 test located 330 feet north and 330 feet east of the southwest corner of Section 34-12-27 in Hempstead county.

Wildcat Tests for Hempstead County Announced.

Special to the Gazette.

Hope, Feb. 27.—New wildcat oil tests were announced for Hempstead county this week, actual drilling having begun at two of the locations.

G. P. Birdwell, oil operator of Tyler, Tex., started drilling yesterday on the W. W. Duckett land, 24-13-24, four miles southeast of Hope. Contract depth is reported to be 4,500 feet.

Davidson & Todd, operators of Rock Island, Ill., spudded in their Davidson-Smith No. 1 earlier in the week in the southwest of the southeast Section of

North of Belton in the extreme north end of Hempstead county on a block of acreage lying partly in Pike and partin Hempstead county, a Longview (Tex.) operator is reported to agreed to drill a test to a depth of 3,500 feet. The test, on the Hempstead county side, is to begin within the next 30

The W. E. Stewart oil firm of Tyler, Tex., which started drilling on the Root Petroleum test in 24-14-24 a mile and a half east of Patmos in southern Hempstead county, was reported yester-day to be at a depth of 2,552 feet. Formations were reported favorable for a producer. A second Root Petroleum test in Section 16-13-23, southeast of Hope near the Nevada county line, was reported abandoned the latter part of this week at 4,000 feet. The drill stem became stuck in the hole and had to be shot apart, resulting in a loss of about 800 feet of drill stem as well as coring equipment at the bottom of the

OIL NEWS

Two Wells Completed In Tokio Sand

Special to the Gazette. 3-7-37

Prescott, March 6.—This week's operations in the Nevada county oil field resulted in two producers from the Tokio sand at the 2,200-foot level and a dry hole in what was generally considered proven territory

tion 9-14-20 and operators pronounced it good for 1,000 barrels of oil a day when placed on the pump. The Tokio sand in this well was found to be 20 feet deep and rich. The well is being stondardized.

Levy No. 1 Halted.

After failing to encounter a good showing of oil or gas and after obtaining salt water in two tests, the Lion company has halted operations on its tion 9-14-20 and operators pronounced standardized.

producer in the field as the hole stands southwest corner of the southwest full of oil practically free of water and should be good for 1,200 barrels of oil a day. It will be placed on the beam next week. The hole was drilled to the Tokio or Woodbine sand at a depth of about 2,200 feet.

Shallow Sand A Surprise,

1,200-foot depth in the Junius Haynie drilling operations but that the southeast quarter of Section 6-14-20. quarter of the northeast quarter of Sec-The sand was slightly more than a foot tion 15-18-13. in depth and had only slight oil showings. This was considered proven ter-

Drilling Resumed. C. B. & F. Petroleum Oil Company succeeded in casing off the heavy gas pressure in the Nacatosh sand in their William Haynie No. 1 in the southwest corner of the southwest quarter of the northeast quarter of Section 5-14-20, the field's "wild well" and Friday began drilling to the Tokio sand at 2,200 feet.

Benedum & Trees Oil Company's Lilly Block No. 1, the new field's deep test, located in the northeast corner of the northeast quarter of the southeast quarter of Section 9-14-20 continues as the field's "mystery" well. Drillers and officials decline information as to depth of the test or findings. Rumors are rife that the test is down 4,600 feet and that drillers are proceeding cautiously taking cores frequently.

In wildcat territory, W. E. Stewart is drilling at 2,110 feet in his W. S. King No. 1 near the village of Sutton in the southeast corner of the southwest quarter of the northeast quarter of Section

Erection of steel tanks near each producer in the new field continues as does the building of residences for employes in the field. Claude Garner's hotel in the new townsite of Nevark is nearing completion and the huge 55,000 barrels steel oil reservoir being erected for Benedum & Trees Oil Company will be completed next week. Oil is flowing through the new five-mile pipe line from Benedum & Tress Oil Company producers in the new field to the Berry Asphalt Company's plants at Waterloo, and shipments of oil from the new depth, Tokio or Woodbine sands, in the field are being made daily in tank cars over the Reeder railroad to the market. Only the oil from the Nacatosh sand is being utilized by the Berry Asphalt Company until their erection of addiional refineries at Waterloo.

Wildcat Tests Hold Interest In South Arkansas.

Special to the Gazette. 3-7-37

El Dorado, March 6.—Operations on several wildcat tests in Union county featured oil activities in south Arkansas this week as plans moved forward for drilling of test wells.

Of chief interest to oil operators now is the expected completion of another producer in the Rainbow City field east of El Dorado by the Pennark Petroleum

Corporation in Section 12-17-14, Drilling operations were started on the test last year and were halted temporarily after operations were well under way. Operators started up recently and early this week cored a good sand in the Crain sand at about 3,000 Indications were that a producer would be completed and casing was set. Operators are now perfecting titles and the well will be drilled in as soon as the title work is completed. It is expected that it will be a week or 10

In the western part of Union county in the Schuler area, the Lion Oil Re-fining Company is drilling ahead at 4,950 feet in its Edna Morgan No. 1 test in Section 18-18-17. Operators reported that the well is now in lime and shale but that the "big lime" formation, encountered in the Snow Hill area and to which the well is being drilled, has not yet been encountered. was drilled to a depth of 4,270 feet by the Phillips Petroleum Company several months ago and abandoned. The Lion company has reconditioned the hole and plans to take the well to a depth of 7,500 to 8,009 feet unless proproven territory.

Benedum & Trees Oil Company early in the week drilled the plug and bailed in their Mary Jackson No. 1 located in the northeast corner of the northwest quarter of the northeast quarter of Secquarter of Secq

Levy No. 1 test and reports are that Benedum & Trees Oil Company Friday the well will be plugged and abandrilled the plug and bailed in their doned. The test was drilled to a total Fincher No. 3 located in the northeast depth of 5,348 feet after being drilled corner of the southwest quarter of the to a contract depth of 400 feet into northeast quarter of Section 10-14-20. the lime formation. The test is located Scouts say this promises to be the best 660 feet north and 330 feet east of the producer in the field as the hole stands southwest corner of the southwest

G. G. Simmons No. 1 test. One of the The surprise of the week was the officials of the company announced shallowness of the Nacatosh sand at that weather has delayed the start of No. 1 drilled by the Berry Asphalt Company in Waterloo field in the northeast of this week. The test is located in corner of the northeast quarter of the the northwest corner of the northwest

In the Junction City area of Union ritory and results were a shock to operators in the oil field. The company in the east half of Township 19 south, Pittsburgh, Pa., filed logs for the Groves range 16 west for shooting tests. Numer- Land and Timber Company No. 5 test ous leases have been filed here cover- located 330 feet south and 330 feet

4,515 feet. The test was located in the northeast corner of the southwest quarter of the northeast quarter of Section 16-13-23. The same company is coring ahead below 2,360 feet in its Drake No. 1 test also in Hempstead county. The test is located in the southeast corner of the southeast quarter of the northwest quarter of Section

Little River County. Ittle River County.

In Little River county J. G. Straham and associates are drilling ahead in anhydrite at the 2,000-foot level having logged top of the formation at 1,804 feet. The test is the Dierks Lumber and Coal Company No. 1 and is located in the northwest corner of the southwest quarter of the southeast quarter of Section 21-12-28.

Lafavette County.

Lafayette County.

The King Drilling Company is reported to have started operations on its Wollcott No. 1 test in the center of the northeast quarter of the southwest quarter of Section 36-19-26, in Lafayette Sevier County.

A new wildcat test for Sevier county is to be drilled by C. J. Binkley of Lockesburg. The test will be the Dierks Timber and Coal Company No. 1 and will be located in the southwest corner of the conthesest questions.

of the southeast quarter of the north-east quarter of Section 14-10-29.

Pipe Line Started.

The Lion Oil Refining Company this week started construction on a four-inch pipe line from its refinery here to

inch pipe line from its refinery here to the Ouachita river at Champahnolle bluffs where huge storage tanks will be erected and products of the refinery piped there for transportation down the Ouachita river by barge for distribution to its retail outlets in Mississippi.

In announcing the construction of the pipe line, officials of the company said that gasoline will be the chief item shipped by pipe line to the river but that kerosene and gas oil will be transported through the pipe. The company plans to contract for barges but probably will purchase its own barges later. The products will be shipped to Greenville, Miss. and Memphis, Tenn, and later will also be sent to Chicago. This line is expected to be completed about May 1. about May 1.

Permits Issued.

Three new drilling permits were issued this week by the state Conservation Department and six permits were issued to plug and abandon old tests. Two permits were issued to plug back and perforate to higher sands and logs of two wells were filed.

The Berry Asphalt Company obtained permit to drill the Junius Haynie No. 1 test located 330 feet west of the northeast corner of the southeast quarter of the southwest quarter of Section 6-14-20 in Nevada county.

G. H. Vaughn of Dallas, Tex., obtained permit to drill the Christopher 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 3-14-20 in Nevada

C. J. Binkley of Lockesburg obtained permit to drill the Dierks Timber and Coal Company No. 1 test located 300 feet north and 300 feet east of the southwest corner of the southeast quarter of the northeast quarter of the northeast quarter of Section 14-10-29 in Southwest quarter

14-10-29 in Sevier county.

The Standard Oil Company of Louisiana obtained permit to plug and abandon the J. Hicks No. 1 test located 1,120 feet north and 1,120 feet east of the southwest corner of Section 20-16-15 in Union county. The Louisiana Iron and Supply Company obtained permit to plug and abandon the Berg No. 5 test located 150 feet north and 150 feet west of the southeast corner of the northeast quarter of the southeast quarter of Section 30-15-15 in Ouachita

M. Rosenbloom obtained permit to plug and abando nthe E. L. Beck No. 2 test located in the northeast quarter of the southwest quarter of the southeast quarter of Section 33-16-26 in Miller county. The Standard Oil Company of Louisiana obtained permit to plug and abandon the J. Hicks No. 2 test located 530 feet north and 1.120 feet east of the southwest corner of Section 20-16-15 in

H. D. Easton and associates obtained permit to plug and abandon the Con-way Tiller No. 2 test located 330 feet north and 330 feet east of the southwest corner of Section 34-12-27 in Hempstead county: The Arkansas Louisiana Gas Company obtained permit to plug and abndon the L. C. Smith No. 1 located 825 feet north and feet east of the southwest corner of the

feet north and 1,564 feet east of the southwest corner of Section 28-15-15 in Ouachita county. The same company obtained permit to plug and perforate in the Primm Meekin sand in the A. Flenniken B-4 test located 200 feet south and 200 feet east of the north-west corner of the northwest quarter the southwest quarter of Section 9-16-15 in Union county.

ous leases have been filed here covering the deals but the leases cover only shooting options with no contracts for tests to be drilled.

The Root Petroleum Company has abandoned its Jones No. 1 test after drill stem became lodged in the hole at 4,515 feet. The test was located in the northeast corner of the southwest quarter of Section 10-14-20, located in Albandoned its Jones No. 1 test after drill stem became lodged in the hole at 4,515 feet. The test was located in the northeast corner of the southwest term of the portheast quarter of Section to the country of the southwest term of the portheast quarter of Section. ter of the northwest quarter of Section 10-14-20, located in Nevada county.

Three Wildcat Tests Drilling In Hempstead County.

Special to the Gazette. 3-7-37

Hope, March 5.—Drilling continued this week on three wildcat oil tests in separate sections of Hempstead county.

Division & Todd, operators of Rock Island, Ill., were reported Thursday to be at a depth of 600 feet at their location in section 1-11-25 on the Fred Smith land, four and a half miles northeast of Washington. Coring is expected to be started between 700 and 800 feet in an effort to locate the formation carrying gas which has been encountered rying gas which has been encountered in test wells and in some deep water wells in that area. Further coring is expected to be started between 1,800 and 2,000 feet. Operators expressed belief that depth would be reached within the

next 10 days. Contract depth is reported to be 4,000 feet.

Drilling at the G. P. Birdwell test, 24-13-24, four miles southeast of Hope on the W. W. Duckett land was delayed this week because of difficulty in transporting fuel oil to the location. Drilling has been resumed and the test Thursday was at a depth of more than 200 feet.

Operations at the May Murdock &

Operations at the May, Murdock & Eaton test near Grassy Lake in north-west Hempstead county, are at a stand-still due to overflow water. Progress was reported in the assemblage of acreage by May & Easton for a test southeast of Columbus early this spring.

Oil News

New Drilling Campaign in Caddo Parish Deep Test Proves Suc-

cess; Miller County Deal Hangs Fire.

Shreveport, La. — An intensive drilling campaign north of a supposed lateral fault that more or less parallels the main Rodessa fault, is expected to result from successful completion of J. Edward Jones' No. B-1 Maidie Sharpe, Section 4-23N-16W, Caddo parish, as a good producing oil well in the Mitchell sand, a phase of the Gloyd. Total depth is 6,045 feet. Jones has already made locations for four offsets to the new well which is

depth is 6,045 feet. Jones has already made locations for four offsets to the new well which is a north offset to No. 1 Maidie Sharpe, in the same section, two miles north of nearest former production.

The well was completed the past week, flowing 49 barrels of oil perhour through three-quarter-inch tubing choke, and then gauged 580 barrels in 24 hours flowing through various-sized smaller chokes.

Arkansas-Louisiana Gas Company's No. 1 W. S. Ford, Charles Grayson survey, Marion county, Texas, five miles southwest of Rodessa production and nine miles northeast of Holcombe, Thomasson et al's No. 1 Lizzie Henderson, R. Bennington survey, was being swabbed last week with a small showing of oil and gas appearing on the second day's swabbing, after casing was perforated at the 6,100-foot level in the Gloyd horizon, where two cores were reported to have shown saturation. Seven-inch casing had been set on bottom at 6,351 feet in black shale.

More than a dozen tests are awaiting apprayal of applications for per-

More than a dozen tests are awaiting approval of applications for permits in the Jefferson area of Marcour ion county, some of them in the Jefferson townsite.

The northeast part of the Rodessa The northeast part of the Rodessa field will get two new tests in Lion Oil Refining Company's No. 1 G. Holm, section 9-23N-15W, and S. P. Borden et al's. No. 1 Means, section 9-23N-15W. Borden will also reopen and test its No. 1 Sumner, section 10-23N-15W, drilled to 6,200 feet by Borden and associates under the name of the Ideas Oil Company of der the name of the Idessa Oil Com-

feet east of the southwest corner of the southwest quarter of the southeast quarter of Section 10-8N-21W in Pope county.

The Standard Oil Company of Louisiana obtained permit to plug back and perforate in the Nacatosh sand in the P. T. Hildebrand No. 3 test located 596

The Standard Oil Company of Louisiana obtained permit to plug back and perforate in the Nacatosh sand in the P. T. Hildebrand No. 3 test located 596

Travis Peak, during the last week also showed for a gasser in the basal Travis Peak, during the last week also showed for a gasser in the basal Glen Rose when casing was perforated at 6,665 to 6,695 feet. The well showed three million feet of gas and a spray of distillate at this depth and had not thoroughly cleaned itself. field, Claiborne parish, where four wells are now drilling, United Gas Public Service Company has been renewing leases on a 12,000-acre block in Township 21 North, Range 5, West, and added 150 acres of new leases, paying \$15,000 for the new leases which are around section 23-21n-5W

leases which are around section 23-21n-5W.

E. H. Moore, Incorporated, of Oklahoma, is still negotiating with C. V. Lenz for purchase of Lenz' No. 7 Dale, section 24-15-26, Miller county, Ark., well, recently completed at 4,515 feet as a good pumper, and the surrounding 2,800 acres. Reported consideration, if and when the transfer is consummated, is

ing 60 barrels of oil the first 24 hours and 37 barrels the second 24 hours.

Lion Oil Refining Company's north outpost test to the Permian lime in the Snow Hill field, Ouachita county, Ark., was abandoned as a salt water hole at total depth of 5,350 feet. This was No. 1 Blanche Levy, section 12-15-15.

J. R. Lockhart's No. 1 Ida Robertson, section 36-10-11, Cleveland county, Ark., wildcat, was abandoned as a dry hole at 3,497 feet.

The old shallow chalk horizon of the Pine Island field, Caddo parish, added a 10-barrel daily pumper in Stanolind Oil and Gas Company's No. 116 Dillon Heirs, section 14-21n-15w, completed at 1,695 feet after using acid.

Daily average oil production last week in the Rodessa field was 91,-295 barrels, of which 50,212 barrels was on the Texas side. The Louisiana side of Rodessa now has 351 producers, and the Texas side. 217. The daily average per well yield last week on the Louisiana side was 143 barrels, and on the Texas side 190 barrels.

Including the Louisiana side of Rodessa daily average production last week in north Louisiana totaled 72,330 barrels. Arkansas's average was 26,275 barrels.

Daily average production by districts last week in Arkansas follows: El Dorado, 1,559 barrels; Calion, light, 1,698 barrels; Calion, heavy, 1,960 barrels; Smackover, light, 2,-394 barrels; Esmackover, heavy, 16,-502 barrels; Lisbon, 273 barrels; Nevada county, 340 barrels; Stephens, 554 barrels; Miller county, 478 barrels, and Camden, 17 barrels.

Oil News

Texas County Gets Play in Rodessa Area

Gazatte 3-14-37 Gulf to Drill First Well -Nevada County Test Due Soon.

Shreveport—The southwest end of the Rodessa fault area in Marion county, Texas, continued to focus ritory last week, although the be-havior of two outpost wells in Ma-rion county was not entirely satis-

Five miles southwest of production, Arkansas-Louisiana Gas Company's No. 1 W. S. Ford, Charles Grayson survey, after being completed flowing 10 to 15 barrels per hour through choke from the Gloyd Compation at 6,100 feet peeced to formation, at 6,100 feet, ceased to flow and casing was re-perforated at 6,107 to 6,112 feet, and the well swabbed, and it flowed intermittent-

After this it was acidized with 3,-After this it was acidized with 3,-000 gallons of acid and 300 barrels of oil, reopened and flowed for a time at 50 to 75 barrels of oil per hour, then settled to 20 barrels and in 12 hours produced 305 barrels and is now swabbing and flowing by heads. The oil is 34.2 gravity.

The 14-mile southwest offshoot well of Holcomb, Thomasson et al, No. 1 Lizzie Henderson, R. Bennington survey, swabbed 140 barrels in 24 hours and now siphon is being installed.

In the meantime, Dunn and Fisher's No. 1 Susie Chatten, A. de Lossantos Coy survey, over two miles southwest of No. 1 W. S. Ford, is drilling below 4,300 feet after topping red beds at 3,645 feet. Somewhere about the level where it is believed to have cut the fault. Arkansas-Louisiana No. 1 Laura McIntosh, William Edmonson survey, is drilling below 4,966 feet.

drilling below 4,966 feet.

One-half mile north of J. Edward Jones' two producers, William Monroe Layton of Texarkana, formerly of New York, has made location for a 6,000-foot test to the Rodessa horizon in No. 1 Rector, section 16-20-28, Miller county, Arkansas. J. W. Love is assembling a block around section 5-20-28, for a proposed deep test. It is two miles northwest of Haynes Oil Corporation's No. 1 Embree, section 9-20-28, drilled to 6,514 feet and abandoned as a dry hole.

Gulf Oil Corporation made its de-

ed at 4,515 feet as a good pumper, and the surrounding 2,800 acres. Reported consideration, if and when the transfer is consummated, is \$100,000 cash and two million dollars from one-cighth of production. Moore is reported to have acquired an interest in two Miller county holocks from Sutton and Hawkins. Deep tests are planned on each.

Around Section 34-13-18, Ouachita county, Ark., R. L. Preveto of Tyler, Texas, leased 120 acres and in the county Schufert et al. are leading around section 13-14-19.

Root Petroleum Company's No. 1 Drake, Hempstead county wildcat, was drilling 'head after coring Paluxy sand with a show of heavy oif from 2,335 to 2,348 feet. Carl King, who has spudded No. 1 Walcott, section 36-19-25, is said to be drilling for Freeman Burford.

Only four completions were recorded in the North Louisiana-Arkansas territory last week, outside of the Rodessa field, which accounted for 10 new oroducers, two on the Louisiana side of the field.

Benedum and Trees Oil Company completed an Trees Oil Company of the Rodessa field, which accounted for 10 new oroducers, two on the Louisiana side of the field.

Benedum and Trees Oil Company completed an three North Louisiana-Arkansas territory last week, outside of the Rodessa field, which accounted for 10 new oroducers, two on the Louisiana side of the field.

Benedum and Trees Oil Company completed an trees oil company in the new Troy shallow field of Nevada county, Arkansas. This was No. 6 Grove, section 10-14-20, completed at 1,255 feet, pumping 60 barrels of oil the first 24 hours and 37-barrels the second 24 hours.

Lion Oil Refining Company's north outpost test to the Permian lime in the Snow Hill field, Ouachita county, Ark, was abandoned as a salt water hole at total depth of 5,350 feet. This was No. 1 Blanche in the Snow Hill field, Ouachita county, Ark, was abandoned as a salt water hole at total depth of 5,350 feet. This was No. 1 Blanche in the Snow Hill field, Ouachita county, Ark, was abandoned as a salt water hole at the second of the field.

this field's third oil well, is being acidized.

The Louisiana Conservation Commission last week put regulations in effect in Sligo limiting wells there to one well to each 40 acres and setting the gas-oil ratio at 2,000 to 1.

Leasing activity in the new Lisbon oil field, Claiborne parish, is increasing. T. L. James and Co. have been negotiating in an effort to buy Oakes et al's discovery oil well in section 1-20n-5w, that is producing around 200 barrels daily at 5,379 feet. No trade has been made. Turman Oil Company of Tulsa, Okla, took an option on the NW¼ of the SE¼ of section 1-20n-5w, for \$12,500 cash and \$30,000 from one-eighth production.

The Benedum and Trace Oil Commission of the Servey of the Se

500 cash and \$30,000 from one-eighth production.

The Benedum and Trees Oil Company's No. 1 block, section 9-14-20, Troy field, Nevada county, Arkansas, logged a showing of oil from 4,-990 to 5,012 feet this week and was awaiting orders as to whether to test. This is probably top of the Trayle Peak

test. This is probably top of the Travis Peak.

This company has been detailing with geophysical instruments its acreage in Nevada county.

A. H. Stoltz's block in township 19, range 16, Union county, Arkansas, is being shot. Cooper and Hart have a block around section 15-19-16. Root Petroleum Company is using a torsion balance unit on its holdings in townships 13 and 14, ranges 23 and 24, Hempstead county.

Timbo et al are moving in materials for No. 1 Capps, section 11-20-28, Miller county.

Production Record.

The cumulative production of oil

Production Record.

The cumulative production of oil from the Rodessa field to March 1 this year is 29,058,824 barrels. Of this production the Louisiana side accounted for 23,623,191 barrels and the Texas side 5,435,633 barrels.

Seven wells were completed in Rodessa last week, of which five were on the Texas side and two on the Louisiana side. This gives the field a total of 575 wells, of which 353 are on the Louisiana side and 222 on the Texas side.

on the Louisiana side and 222 on the Texas side.

Total pipeline runs in the field last week were 91,357 barrels, and the daily average distribution, 92,-142 barrels, with runs to refineries and tank cars totaling 785 barrels. The total daily average production for the field last week was 89,383 barrels, of which 46,604 barrels was in Louisiana, and 42,779 barrels was in Texas.

at 1,683 feet.

DeSoto Parish—W. F. Hyde et al.

No. 1 J. W. Ramsey, Section 36-11N11W, dry, abandoned at 3,027 feet.

Arkansas accounted for only one
completion, a salt water hole in the
Nacatosh horizon of the new Troy
field, Nevada county. This well, is

Berry Asphalt Company's No. 1 J. Haynie, Section 6-14-20, abandoned at 1,206 feet.

OIL NEWS

Race to Drill In Vicinity Of New Well

Special to the Gazette.

El Dorado, March 20.—Completion of a good producer early this week in the northwestern part of Caddo parish, Louisiana, less than 1,000 feet from the Arkansas line of Miller county, resulted in a special meeting of the Arkansas state Board of Conservation at which special permits were authorized for 12 test wells to be drilled in Miller county not more than 200 feet from the Loui-

Permits were issued for two of the wells and the other 10 will be issued as soon as descriptions of the location reach the conservation office in El

One of the wells will be a test to be drilled by Tony de Grazier on a two-acre lease on the E. A. Rector farm in the southeast corner of Section 17-20-28. and another will be drilled by Allred & Allred on a five-acre lease, also on the E. A. Rector land in the southwest corner of Section 16-20-28.

The other 10 tests will be "strung out" along the Louisiana line in Section 17-20-28, all on the M. E. Layton land. The 10 permits are expected to be taken out in the name of Mary Elizabeth Lay-

In addition to being close to the Louisiana line the new wells will be only about a mile from the Texas line.

Special action of the state Conservation Board was necessary for the issu-

ence of the drilling permits because of the proximity of the proposed wells to the Louisiana line. Members of the Conservation Commission are O. C. Bailey, chairman; Alfred MacMillan, Robert J. Short, Ed Hollyfield, all of El Dorado, and J. D. Reynolds of Camden.

East of El Dorado in the Rainbow City sector of Union county, the Penn-Ark Petroleum Company is making efforts to complete its Raulston No. 1 test in section 12-17-14. Casing was set in the test several weeks ago when a good showing was reported obtained in the Crain sand at about 3,000 feet, and completion was delayed pending curing

of lease titles.

Plug was drilled in the hole this week, and tubing run into the hole and swabbing operations started. It is expected that the well will be completed this week-end for a small producer.

Southeast of El Dorado in the Urbana area drilling operations have been halt-ed on the G. S. Simmons No. 1 test of the Arkansas Southern Oil Company while surface casing is being hauled to the location. The test is located in the northwest corner of the northwest quarter of the northeast quarter of the sec-

Also in the Urbana area, the Marine Oil Company is planning to drill a test well in Section 10-18-13. The test will be known as the Thompson E-6, and will be located 330 feet north and 330 feet east of the southwest corner of the northeast quarter of the northeast quarter of the section. The Marine has considerable production in the Urbana area. No announcement was made as to when drilling operations will be started on the well.

Another south Arkansas test expected

to be started soon is the C. L. Cabe No. 1 test of W. M. Martin, in Section 14-10-20, in Clark county. The test will be located 330 feet south and 330 feet east of the northwest corner of the sec-tion. Operators did not announce when

drilling operations will be started.

In the Schuler area of Union county west of El Dorado the Lion Oil Refinin Louisiana, and 42,779 barrels was in Texas.

Arkansas's daily average production last week was 27,296 barrels, with the average by districts following: El Dorado, 1,617 barrels; Calion, light, 1,585 barrels; Calion, heavy, 1,865 barrels; Smackover, light, 2,294 barrels; Smackover, heavy, 16,983 barrels; Lisbon, 284 barrels; Nevada county, 1,610 barrels; Nevada county, 1,610 barrels; Stephens, 563 barrels; Miller county, 4804 barrels; Camden, 15 barrels.

Outside of Rodessa north Louisiana accounted for only three completions, only one of them being a commercial well. These wells are:

Claiborne Parish—Max Hirsch et al. No. 1 C. O. Ferguson, Section 29-22N-6W, dry, abandoned at 6,147 feet. Caddo Parish (Pine Island)—Stanolind Oil and Gas Co., No. 117 Dillon Heirs, Section 44-21N-15W, used acid and pumping 50 barrels oil daily at 1,683 feet.

DeSoto Parish—W. F. Hyde et al. DeSoto Parish—W. F. Hyde et al. No. 1 L. W. Parsey. Section 26 11N.

is encountered at a lesser depth.

Two Permits to Plug.

Two permits to plug and abandon tests were issued by the state Board of Conservation this week and four permits were issued to plug back and perforate in the Meekin sand. Logs of four wells were also filed.

The Marine Oil Company obtained permit to plug and abandon the Thompson A 9 test, located 330 feet south and 330 feet east of the northwest corner of the southwest quarter of the northmest quarter of the northmest quarter of Section 10-18-13, in Union county. The same company obtained western railroad land in the R. Benion county. The same company obtained permit to plug and abandon the Snyder No. 3 test, in the southwest corner of the southwest quarter of the southwest quarter of Section 34-15-15, in Union

The Phillips Petroleum Company obtained permits to plug back and perforate to the Meekin sand in four test wells, all in Union county. The wells are the B. C. Fleming No. 4 test, located 110 feet west and 150 feet south of the northeast corner of the southwest quarter of the southeast quarter of Section 5-16-15; the B. C. Fleming No. 5 test, located 200 feet west and 660 feet north of the southeast corner of the southwest quarter of the southeast quarter of Section 5-16-15; the J. P. Bilyeu No. 2 test, located 200 feet south and 270 feet west of the northeast corner of the south-west quarter of the northwest quarter of Section 9-16-15, and the J. P. Bilyeu

filed log of the C. C. Fincher No. 2 test, located 330 feet north and 330 feet east of the southwest corner of the southwest quarter of the northeast quarter of Section 10-14-20 in Nevada county. The same company filed log of the C. C. Fincher No. 3 test, located in the center of the northeast quarter of the southwest quarter of the northeast quarter of Section 10-14-20 in Nevada county. Benedum & Trees also filed log of the Mary Jackson No. 1 test, located in the center of the northeast quarter of the northwest quarter of the northeast quarter of Section 9-14-20 in Ne-

Oil News Morgan Well May Mean New Democrat 3-21-37 Oil Formation

Lion's Union County Well Gets Attention-Rodessa Widened.

Shreveport, La.—A new oil-producing area in south Arkansas, in the top of the Permian lime formation, loomed as the week closed in Lion Oil Company's No. 1 Morgan, Section 18-18-17, Union county wildcat, on a geophysical high, tested a hole full of 38 gravity in 15 minutes when drill stem test was run at total depth of 5,559 feet in a sandy phase of the upper Permian. The formation tester was opened one-fourth inch at both top and bottom. Elevation is 219 feet.

This test was drilled several

This test was drilled several months ago to 4,270 feet by Phillips Petroleum Company and at that depth was taken over by Lion. It had been planned as an 8,000-foot hole in case oil was not found above. Phillips still owns an interest in the

county, Texas, southwest of the Rodessa field, continuing to test, the north one and three-fourth mile recent extension on the Louisiana side of the field where two wells have been added divided the spotlight with the southwest area this week.

With the southwest area this week.

W. M. Layton of Texarkana, Ark., who the previous week made location for a test in Section 17-20-28, Miller county, Arkansas, on the Rector land, just across the state line, this week secured 10 drilling permits for tests on this lease in this section, and two other operators. section, and two other operators, Allred and Allred, and De Frazier et al., secured one permit each for tests in the same section.

But the testing of Holcomb, Thomasson et al.'s No. 1 Lizzie Hen-derson, R. Bennington survey, Ma-rion county, Texas, and Arkansas-

Louisiana Gas Company's No. 1 W. S. Ford, Charles Grayson survey, Marion county, were not the only interesting developments in Marion county. The Texas Railroad Company. mission authorized drilling permits for six tests in the Jefferson townsite. These permits were issued to M, C, George for No. 1 Lemmons; to R. W. King et al. for No. 1 Fee;

lests on the Jefferson and Northwestern railroad land in the R. Bennington survey. Raymond Little of
Greenville, Tex., has secured permit
for No. 1 Mount Carmel Methodist
church, J. Grayson survey, Marion
county G. N. Camphell has applied
for permit to Drill No. 1 Schluter,
Johnson survey, one and one-half
miles southwest of Jefferson, Marion county. In Cass county, K. C.
Lynch secured permit to drill No. 1
Lewis, B. B. B. & C. railroad survey,
an outside test.

Seven miles southwest of Jefferson, Magnolia Petroleum Company
has secured 2,200 acres of leases
around the B. C. Ragan survey, Marion county. In Cass county northwest of Linden, Arthur Burke of
Shreveport has assembled a 6,500acre block around the Rebecca
Cown survey.

of Section 9-16-15, and the J. P. Bilyeu No. 3 test, located 200 feet south and 250 feet east of the northwest corner of the southwest quarter of the northwest quarter of Section 9-16-15. C. V. Lenz filed log of the Dale No. 7 test located 550 feet west of the center of Section 24-15-26 in Miller county. The Benedum & Trees Oil Company filed log of the Company Oil; New Deep Field Hailed

Democrat 3-20-37 Lion Well Down 5,559 Feet-12 Permits Issued in Miller.

El Dorado (P)—Opening of a new deep sand oil field for South Arkansas was indicated today in the showing of a drill stem test on the Edna Morgan No. 1 well of the Lion Oil Refining Company, in section 18-16-17, near Schuler, to the southwest of here.

The test indicated a producer good for from 2,500 to 5,000 barrels. Casing will be set at once for final testing. The sand was struck at 5,559 feet. Operators said the oil tested 27 degrees gravity.

Special permits for 12 wells to be drilled in the southwest corner of Arkansas in Miller county, were authorized by the Arkansas State Board of Conservation at a meeting

One permit is for a well in section 16-20-28, and the other 11 are for wells to be drilled in section 17-20-28. The wells will be less than 200 feet from the Louisiana line, and less than a mile from the Texas line in the extreme southwestern part of Miller county.

less than a mile from the Texas line in the extreme southwestern part of Miller county.

Permits have been issued for two of the tests, one to Tony De Grazier for the E. A. Rector No. 1 in section 17-20-28, and the other to Allred and Allred for a test also on the E. A. Rector in section 16-20-28.

The other 10 wells will be in section 17 west of the De Grazier test. Although permits have been authorized for the tests, they have not been issued by the conservation department, pending arrival of detailed description of the locations. The permits are to be taken out in the name of Mary Elizabeth Layton, all on the M. E. Layton land.

Special permits were necessary for the tests because the tracts of land on which the wells are to be drilled are so near the Louisiana state line. Completion of a producer several days ago in Louisiana about 1,000 feet from the Arkansas line is responsible for the request for special permits.

Members of the Arkansas Com-

sponsible for the request for special permits.

Members of the Arkansas Commission are: O. C. Bailey, chairman, Alfred MacMillan, Robert J. Short, Ed Hollyfield and J. D. Reynolds.

Two other permits were issued today by the conservation board, one for a test in Clark county, and the other for a test to be drilled by the Marine Oil Company, in the Urbana field of Union county.

The Clark county test will be the

started swabbing operations on its Raulston No. 1 in section 12-17-14. Casing was set in the Crain sand at about 3,000 feet after a good showing was reported. Plug was drilled and tubing run in the hole, and exceptions operations started.

Oil News

Louisiana's Lisbon Field Now Assured

Demoorat: 3-29-37 Operators in Rush to Drill-Three Arkansas Wildcats Fail.

Shreveport, La. — Major companies, who so far have looked askance at the Lisbon oil field discovered in at the Lisbon oil field discovered in Claiborne parish last December, in basal Glen Rose, when E. T. Oakes, H. D. Easton et al completed No. 2 Patton, Section 1-20n-5w, at 5,379 feet, and which has been averaging 200 barrels of oil daily, being the most consistent well completed outside Rodessa in this district in a year and a half, were prepared to enter the play in that area this week with all doubt of productivity removed, as the second oil well of the field was completed, it being better than the discovery.

was completed, it being better than the discovery.

The field's second producer is Oden and Evans' No. 1 Patton, section 36-21n-5w, completed in 12 feet of saturation at total depth of 3,375 feet, flowing 34 barrels of oil per hour through 7-16 inch tubing choke.

Meanwhile three other wells were at the level of production and one of them, Lyons and Neely's No. 1 Patton, section 36-21n-5w, had cemented casing after running electrical tester. Total depth is 5,292 feet.

mented casing after running electrical tester. Total depth is 5,292 feet.

Two miles west of the two producers Lisbon Oil Company, which had only one and one-half feet of saturation at the pay level, was coring ahead at 5,390 feet in No. 1 Burgess, section 3-20n-5w. North of the two producers, Red Iron Drilling Company was plugging back to 5,-290 feet where it topped saturation after drilling to 5,350 feet.

The play now apparently will be northeast and south instead of west. Gulf Oil Corporation, which has been leasing actively in township 20 north, range 4 west, is reported planning an early test in section 31-20n-4w. Three miles southwest of the two producers J. R. Bevill et al started moving in machinery for No. 1 Edmonds, section 16-20n-5w.

Gulf Pipe Line Company has surveyed right of way for a pipe line to the field from its Shreveport-El Dorado trunk, about eight miles away, Standard Pipeline Company which has been buying the oil from the discovery well, which is averaging over 180 barrels daily, taking it by trucks to Homer, 12 miles away, is also considering a line to the field. Rodessa had a comparatively quiet week with chief interest centered in Marion county, Texas, outpost tests. Results of bottom hole pressure survey during February was made public by the Rodessa operators' committee, which showed the decline for the 28 days of February to be 10 pounds, or an average drop of .36 of a pound per day. The average pressure March 1 was 1,864 pounds. On last July 7 it was 2,314 pounds. The gas-oil ratio is still 1,662 to 1 and the daily gas withdrawal for the month was 199,376,000 cubic feet.

First oil from the Marion county, Texas, extension of Rodessa—or the Jefferson area for those who believe it on a separate structure from Rodessa—was shipped last week by Holcomb, Thomasson et al's No. 1 Lizzie Henderson, R. Bennington survey. when 1,800 barrels was sent to tank cars under Texas Railroad commission tender to the Shell Petroleum Corporation's refinery at Norco, La. Swabbing continues at this well block.

A second oil producer for the newly discovered Lisbon field, Claibonne parish, La., appeared assured last week after Oden and Evans cored 12 feet of saturation to 5.373 feet in No. 1 Patton, Section 36-21n-5w, north offset to E. T. Oakes, H. D. Easton et al.'s No. 2 Patton, Section et al.'s No. 2 Patton, Section of the Clark county test will be the last of the Marine Oil Company, in the Urbana in Basal Glen Rose at 5,379 feet and which has been averaging 150 to 200 barrels daily since that time. Three other tests in this area are below 5,000 feet.

With two outpost wells in Marion county, Texas, southwest of the Rootoutty, Texas, southwest of test, the

preparing to reperforate casing in this well which had had casing perforated several times and also has been twice acidized.

After two drill stem tests showed hole full of oil and the hole flowed oil after some of the fourbles were broken down, Lion Oil Refining Company's No. 1 Morgan, section 18-18-17, Union county, Ark., wildcat twisted off a joint of pipe at total depth of 5,559 feet, where the showing occurred, and has been fishing since. This test is on a geographical high. Alseady Lion is rumored to be planning a pipeline to the well from its El Dorado refinery. A warm leasing play has developed southeast from this well extending across the Louisiana line into township 23 north, range 3 west.

M. W. Martin of Little Rock, Ark., made location last week for a wildcat test in No. 1 Cabe, section 14-10-20, Clark county. Sklar Oil Corporation made location for a test in the old Lisbon (Ark.) field. No. 1 Cordell. section 24-17-16, Union county. W. M. Layton of Texarkana secured 10 permits for the south edge of section 17-20-28. Miller county, just north of the recent one and three-quarter mile extension of the Rodes-

shallow Converse field, Sabine parish.

There were three completions in Arkansas, all wildcat failures.

The north Louisiana completions, all in Sabine parish, follow: Producers Oil & Gas Co., No. 4 Edwards est. section 29-9n-13w, used acid and pumping 100 barrels oil daily at 1,743 feet; W. G. Ray Drilling Co., No. 2 Looney, section 30-9n-13w, pumping 75 barrels oil daily at 2,080 feet, and Ellis Production Co., No. 1 Small, section 24-7n-11w, dry, abandoned at 3,802 feet.

The completions in Arkansas fol
The Morgan well was dril

Hempstpad county—Imperial Oil & Gas Prod. Co., No. 1 Foster Estate, section 35-12-26, dry, abandoned at

section 35-12-26, dry, abandoned at 3,683 feet.

Nevada county—C. B. & F. Petroleum Co., No. 1 William Haynie, section 5-14-20, salt water, abandoned at 2,123 feet; Axel Larson No. 1 J. T. Wortham Estate, section 29-13-21, dry, abandoned at 2,340 feet.

Daily average oil production in north Louisiana mounted 1,839 barrels last week due to a gain of 1,415 barrels on the Louisiana side of the Rodessa field. North Louisiana as a whole rose to 70,936 barrels and Rodessa (Louisiana side) rose to 49,018 barrels. Arkansas average dropped 320 barrels to 27,178 barrels.

Daily average production last week by districts in Arkansas follows: El Dorado 1,593, Calion, light, 1,595; Calion, heavy, 1,830; Smackover, light, 2,288; Smackover, heavy, 16,708; Lisbon, 227; Nevada county, 1,825; Stephens, 553; Miller county, 494, and Camden, 15.

OIL NEWS

'Deep Oil' Expected In **Union County**

Special to the Gazette. 3-28-37
El Dorado, March 27.—Prospects for

tests on the Edna Morgan No. 1 wild-cat test of the Lion Oil Refining Com-pany in section 18-18-17, in the Shuler area of Union county, about 14 miles southwest of El Dorado. The activity in the Shuler area is the center of interest in south Arkansas oil activities and is the most promising showing made since the search for "deep oil" was started

several years ago. Also attracting interest, despite the Also attracting interest, despite the Shuler activity, is the issuing of special permits for 12 wells to be drilled in Miller county, only a few feet from the Louisiana state line. The permits were issued by the state Conservation Board in a special meeting here. Drilling activities have not been started on the preceded real tests.

sharing something of the spotlight in Union county is the Raulston No. 1 test of the Pennark Petroleum Corporation in the Rainbow City field, east

ration in the Rainbow City field, east of El Dorado, which was swabbed in this week for a producer estimated at good for 200 barrels of oil a day. The test is located in section 12-17-14.

"Deep Oil" Objective.

Since development of several shallow sands in the Smackover and other sands in various sections of south Arganasa it has long been the desire of

Prior to the Snow Hill discovery, deep tests were drilled in threeother sections.
The first was drilled by the Lion Oil Refining Company near Hayes City and abandoned below 7,000 feet, after drill-

ing more than 1,300 feet in rock salt many six and many s by H. L. Hunt and associates. This well was taken below the 7,000-foot level and a showing of oil was said to have been obtained, but the well could not be com-

pleted as a producer.

The third well and the deepest yet drilled in Arkansas was the Louis Wer-ner Sawmill Company No. 1 of the Gulf Refining Company in Union county, near Griffin, west of Smackover. The well penetrated the big salt dome after drilling through about 800 feet of clear crystal salt and was abandoned slightly below 8,000 feet, when it failed to make

sa field. Tony de Grazier took permit for No. 1 E. A. Rector. section 16-20-28. and Allred and Allred of 16-20-28. and Allred and Allred of 16-20-28, Miller councier section 16

Approximately eight other wells were drilled in the same area and four were

The Phillips and other companies made extensive siesmograph tests in all made extensive stesmograph tests in an sections of Union county, some of the best showings being obtained in the Shuler area of western Union county. At that time a brisk period of lease trading in and near Shuler resulted and provides attacked on the Edward on the Ed of tion 24-7n-11w, dry, abandoned at 02 feet.

No. 1 test by the Phillips company.

The Morgan well was drilled to a

A few weeks ago the Lion Oil Refining Company took over operations on the Morgan well, and with the Delta Drilling Company as drilling contract-ors, cleaned out the hole and resumed deepening operations with a contract for a total depth of 7,500 to 8,000 feet unless oil in commercial quantities was encountered at a lesser depth.

After several showings were reported to have been obtained at varying depths, a good sand was encountered at 5,545 to 5,559 feet, and a drill stem test was made last week-end. In the short test the well made such a good show-ing that officials of the company and other oil men who watched the operation, predicted a well of from 2,500 to 5,000 barrels daily production. The oil was of 37 degree gravity and there was sufficient showing of gas to indicate that the well would be a flowing well.

A showing of water in the well after

the first test prompted operators to make a second test to determine the ex-

make a second test to determine the extent of the waer. On the second test the showing was better than the first, and as the water content was only negligible, some oil men predicted that the well might be good for as much as 10,000 barrels daily production.

In both tests when the drill steam was being broken down, the oil shot up in the derricks, reminding veteran oil men of the boom days of the Smackover field when 30,000 and 40,000-barrel gushers were common and one gusher, the Burton Hughes No. 1 test in the Smackover field, was estimated at more than 100,000 barrels daily production.

After the second test operators de-

After the second test operators decided to set casing, and reaming was started for the setting of nine and fivea new oil boom in south Arkansas rivaling the days of the Smackover field boom appeared bright this week, following good showings made in drill stem tests on the Edna Morgan No. 1 wildcat test of the Lion Oil Refining Cometat test of the Smackover field by the started for the setting of nine and five-eighths inch casing. However, early this week the drill bit, collar, reamer and some drill pipe were twisted off in the sound that the collar test of the setting of nine and five-eighths inch casing. However, early this week the drill bit, collar, reamer and some drill pipe were twisted off in the hole and necessitated a fishing job. A portion of the lost pipe was recovered Tuesday and the remainder was recovered Tuesday night.

Ready for Casing.

Reaming operations were resumed Thursday morning and officials of the Lion company estimated that it would be tomorrow or Monday before casing could be set in the test. Casing must be allowed to set for at least five days, and officials predicted that it will be 10 days

before the well is completed.

The showing in the Shuler area was such that Col. T. H. Barton, president of the Lion Oil Refining Company, remarked that his company had struck a "remarkable field of oil," and predicted a big hope in the area. He also estia big boom in the area. He also esti-mated that the well may be a producer

The Lion company is reported to have a tract of about 5,000 acres under lease in the area. Officials of the company here said that further tests in the area will depend on the outcome of the Morgan test, but indications were that the gan test, but indications were that the company is preparing for an intensive

dependent producers have come to El Dorado than at any time since the boom days. The streets are crowded with traders and other interested in trading, and many blue print oil field

The Shuler well is located 1,980 feet north of the south line and 4,237 feet east of the west line of the southwest quarter of section 18-18-17.

Raulston No. 1 Producing. The new producer in the Rainbow field is the Raulston No. 1 test of the Pennark Petroleum Company. Casing was set in the Carin sand at 3,000 feet several weeks ago and completion held up, pending perfection of lease titles. The plug was drilled last week and swabbing operations started after tubing

was run in the hole.

Reports from the well Thursday were that a considerable oil showing was made sufficient to indicate a producer of about 200 barrels of oil a day. It is expected that standard rig will be installed on the well and the well completed as a pumper. The test is located in the northwest quarter of the southeast quarter of section 12-17-14. Miller County.

good producer in Caddo parish, Louisiana, less than 1,000 feet from the Arkansas line, operators in Miller county applied to the Arkansas state Conserva-

tion Board for special permits to drill in the extreme southern end of Miller county near the Louisiana line.

A special meeting of the commission was held here and permits issued for 12 wells, one to be drilled in section 16-20-28 and 11 to be drilled in section 17-20-28 to the west. The wells would be drilled less than 200 feet south of the Louisiana line in a line runing east and

land, in section 17-20-28, and Alired & Alired of Dalias, Tex., will drill a test on the Rector land in section 16-20-28. The other 10 wells will be drilled by Layton and associates on the Mary E. Layton land in section 17-20-28.

In Clark county, M. W. Martin of Little Rock is planning to drill a test in the northwest corner of section 14-10-20 on the C. L. Cabe land.

In section 24-18-12 in the Urbana section of Union county the Marine Oil Company and the Phillips Petroleum Company are reported to be planning to

Company are reported to be planning to drill a deep test soon. The Marine company also will drill a test in section 10-18-13 on the Thompson lease.

In Columbia county Harper and associates are assembling a block in township 16, range 22, for a test, and in Lafayette county Munn & Earl are reported to have assembled 5,000 acres, centering around 15-15-27, for a proposed 3,500-foot test.

In Franklin county the Ozark Natural Gas Company of Fort Smith will start drilling operations soon on the A. T. Ervin No. 1 test in section 11-817-29W.

Drilling Permits.

Sixteen drilling permits were issued by the state Conservation Department this week. Three permits to plug and abandon oil tests also were issued. Logs

abandon oil tests also were issued. Logs of four wells were filed.

The Sklar Oil Corporation of Shreve-port obtained permit to drill the Cordell No. 1 test, located 200 feet south and 200 feet west of the northeast corner of the southeast quarter of the southwest quarter of section 24-17-16, in

The Marine Oil Company of El Dorado obtained permit to drill the Thompson "E" 6 test, 330 feet north and 330 feet east of the southwest cor-ner of the northeast quarter of the northeast quarter of section 10-18-13, in

Union county.

M. W. Martin of Little Rock obtained permit to drill the C. L. Cabe No. 1, 330 feet south and 330 feet east of the northeast corner of section 14-10-20, in

The Ozark Natural Gas Company of The Ozark Natural Gas Company of Fort Smith obtained permit to drill the A. T. Ervin No. 1, 600 feet west and 660 feet north of the southeast corner of section 11-8N-29W, in Franklin county.

Tony de Grazier of Texarkana obtained permit to drill the E. A. Rector No. 1, in section 17-20-28, Miller county, as follows: Two agres in the form of

as follows: Two acres in the form of a square out of the southeast corner of the east 36 acres in section 17-20-28, the well to be located 50 feet north of the south line and equidistant from the cast

and west lines of the two-acre tract.

Allred & Allred of Dallas, Tex., obtained permit to drill the E. A. Rector
No. 1 test, in section 16-20-28, Miller
county, as follows: East five acres of the south 10 acres of the east 20 acres of the west half of the west half of the fractional section 16-20-28, the well to be located 50 feet north of the south line and equidistant from the east and west lines of the five-acre tract.

Layton et al. of Texarkana obtained permits for 10 wells to be drilled on the Mary E. Layton land in section 17-20-28 in Miller county, as follows: Mary E. Layton No. 1, 50 feet north and 4,308 feet east of the southwest corner of the fractional section; the Mary E. Layton No. 2, 50 feet north and 3,994 feet east of the southwest corner of the fractional section; the Mary E. Layton No. 3, 50 feet north and 3,680 feet east of the southwest corner of the fractional section; the Mary E. Layton No. 4, 50 feet north and 3,366 feet east of the south-west corner of the fractional section; the Mary E. Layton No. 5, 50 feet north and 3,053 feet east of the southwest corner of the fractional section; the Mary E. Layton No. 6, 50 feet north and 2,740 feet east of the southwestcorner of the fractional section; the Mary E. Layton 7, 50 feet north and 2,427 feet east of the southwest corner of the fractional section; the Mary E. Layton No. 8, 50 feet north and 2,114 feet east of the southwest corner of the fractional sec-tion; the Mary E. Layton No. 9, 50 feet north and 1,801 feet east of the south-west corner of the fractional section, and the Mary E. Layton No. 10, 50 feet north and 1,488 feet east of the southwest corner of the fractional section.
W. E. Stewart obtained permit to pl

and abandon the W. E. Stewart No. 1 test, 350 feet north and 400 feet west the southeast corner of the northeast ter of the northeast quarter of section 31-12-23, in Hempstead county

The Ohio Oil Company obtained permit to plug and abandon the W. Crain No. 8 test, 190 feet south and 265 feet west of the northeast corner of the northeast quarter of the southeast quarer of section 1-17-14, in Union county. The same company obtained permit to plug and abandon the Riley Furlough

No. 1 test, 330 feet south and 330 feet of the northwest corner of the northwest quarter of the northeast quar-

ter of section 12-17-14, in Union county.

J. T. Parks filed log of the Lynn
Smith No. 1 test, 660 feet north and 225
feet east of the southwest corner of the
southwest quarter of the southeast
quarter of section 24-15-26, in Miller w. E. Stewart filed log of the W. E.

Stewart No. 1 test, 350 feet north and 400 feet west of the southeast corner of the northeast quarter of the northeast quarter of section 31-12-23, in Hempstead county.
Sneed & O'Mara filed log of the Munn

Louisiana line in a fine running case and some sets.

Sinced & O.Mara filed log of the Munn west.

Tony de Grazier of Texarkana will drill one of the tests on the E. A. Rector land, in section 17-20-28, and Allred & quarter of the southwest corner of the northeast quarter of section 16-14-22, in Nevada

Louisiana's

New Field Is Now Assured

Oakes Well; Lion's Morgan Due.

Shreveport — North Louisiana's first major oil field since Rodessa's discovery oil well was completed in July, 1935, hit its stride in earnest this week as the Lisbon field, Claiborne parish, discovered in December, 1936, added its third and fourth producing wells, and extended the field respectively three-fourths of a mile northwest and one-half mile north.

north.

Nine new locations were definitely staked and several offsets are required besides these, due to the last two completions. Meanwhile, Gulf Pipe Line Company was completing its right-of-way for a 14-mile six-inch line to the field, its first, to join to Gulf's Shreveport-El Dorado trunk. Gulf Oil Corporation made three of the new locations, offsetting producers, and has spudded in two of them, Nos. 1 and 2 H. E. Patton, section 36-21n-5w. Its No. 1 Maggie Patton, section 31-21n-4w, is rigging up.

4w, is rigging up.

The field's third well, the threefourth mile northwest extension,
was completed by Lyons and Neely, was completed by Lyons and Neely, Shreveport independents, who early bought seven 40-acre tracts in the field, in No. 1 H. E. Patton, section 36-21n-5w, at 5,292 feet, flowing 33 barrels per hour through one-inch tubing choke.

One-half mile north of the field's first two producers. Red Iron Drill-

One-half mile north of the field's first two producers, Red Iron Drilling Company of Longview, Texas, completed No. 1 H. E. Patton, section 36-21n-5w, at 5.312 feet, flowing an estimated 1,200 barrels of oil daily. It came in without swab-

ing the Conroe trend. It has 6,000-foot contract depth and may go to 7,500 feet. It is on a 10,000-acre block assembled by H. D. Conley.

Much interest was also aroused by Grogan Oil Company et al.'s No. 1 Ramsey, section 36-11n-11w, De-Soto parish wildcat, recently abandoned at 3,027 feet, which began making oil around the surface casing this week and seeping through a nearby spring. Operators are arranging to run an electrical tester to determine source of the oil, believed

ranging to run an electrical tester to determine source of the oil, believed to be coming from the Saratoga chalk, and set casing for a test.

Rodessa's allowable was left at 50,000 barrels for April, on the Louisiana side, the same figure for March, but possible allowable is 66,000 barrels, equally divided on an acreage and bottom hole pressure basis. A total of 296 of the 360 wells on the Louisiana side of the field are classed as oil wells and are given an individual allowable in the pro-ration order. A survey just completed shows that there are 95 wells in Rodessa of which 81 are on the Louisiana side, that are showing salt Louisiana side, that are showing salt

Effective April 1 United Pipe Line
Co. connected to all of United's
wells at Rodessa, adding 20 wells
which Magnolia Pipe line Company

wells at Rodessa, adding 20 wells which Magnolia Pipe line Company had previously been handling. Gulf Pipeline Company has hooked into R. W. Norton's recently completed No. 1 Hardin, section 20-23n-16w, and is planning a six-inch line to Norton's Davis lease, recently found productive in Cass county, Texas. Southern Liberty Pipeline Co. has hooked into all but one of American Liberty Oil Company's Rodessa wells. McAlester Fuel Co. is negotiating for purchase of an interest in Griswold Refining Company's gathering line at Rodessa. J. Edward Jones is contemplating a six-inch line from the Rodessa transits to section 4-23a-16w, where he may erect a gasoline plant.

May Bring in Morgan Well.

Lion Oil Refining Company is planning Sunday to drill plug in seven-inch casing, cemented at 5,555 feet in No. 1 Morgan, section 18-18-17, Union county, Arkansas, that tested a hole full of 40.3 gravity oil in two drill stem tests recently at total depth of 5,559 feet, in either basal Travis Peak or top of the Permian. Two strata of sand showing oil were logged, at 5,544 to 5,547 feet and at 5,556 to 5,559 feet. A fishing job held up setting casing for several days.

So confident are owners of making a good well in this test that

for several days.

So confident are owners of making a good well in this test that Lion has started securing right-of-way for a six-inch pipe line to location from its El Dorado refinery. This well was drilled to 4,275 feet by Phillips Petroleum Company which found a geophysical high there, and which still owns adjacent acreage.

Phillips with Joe Modiseet, Phillips with Joe Modiseet, El Dorado contractor, are moving in material for a 5400-foot wildcat test in Ashley county, Ark., No. 1 Stillions Lumber Company, section 18-17-9. Phillips' geophysical crews found the geophysical high at Snow Hill, Ouachita county, Ark., where first commercial production in this territory in the Permian was found. Phillips this week sent two additional shooting crews to work Frost Lumber Company acreage south from El Dorado toward Monroe, augmenting one shooting crew already

menting one shooting crew already at this task. A leasing play has de-veloped northwest-southeast from the Lion's Union county strike, which has reached across the Louis-

ing an estimated 1,200 barrels of oil daily. It came in without swabbing.

Other new locations announced and cleared are: Love Petroleum Company's Nos. 1 and 2 H. E. Patton, section 36-21n-5w, and McMillan and DeArmand's No. 1 Maggie Patton, 31-21n-4w. Standard of Louisiana and Magnolia Petroleum Company are among those who must drill off-sets to new producers.

Two miles west of production, Lisbon Oil Company's No. 1 J. W. Burgess, section 3-20n-5w, which logged only one and one-half feet of saturation in the basal Glen Rose lime that is productive in the four other wells. went into the Travis Peak at 5#06 feet and logged a formation with oil stains at 5.444 to 5.468 feet. Later an electrical tester was run and the well is shut down waiting orders.

The Lisbon discovery well was rompleted last December by E. T. Oakes, H. D. Easton et al. in No. 27 to 1.57 (1.20) discovered to be productive at 1.200 feet and 2.100 feet, while they seek the deeper pay. The 1.200-foot has always a war was always of barrels daily.

Oakes and Easton, with E. D. ("Cowboy") Evans of Dallas, Tex. 1.378 feet, and it has averaged 150 to 200 barrels daily since that time. A north offset drilled by Oden and Evans is averaging over 450 barrels daily.

Oakes and Easton, with E. D. ("Cowboy") Evans of Dallas, Tex. 1.536 feet and loged a formation with oil stains at 5.444 to 1.578 feet, and it has averaged 150 to 200 barrels daily since that time. A north offset drilled by Oden and Evans is averaging over 450 barrels daily.

Oakes and Easton, with E. D. ("Cowboy") Evans of Dallas, Tex. 1.518 feet, and it has averaged 150 to 200 barrels daily since that time. A north offset drilled by Oden and Evans is averaging over 450 barrels daily.

Oakes and Easton, with E. D. ("Cowboy") Evans of Dallas, Tex. 1.518 feet, flowed 136 barrels doily on the peophysical crew. Another deep wildcat test in Lincoln parish, No. 1 R. L. Sanderson estate, section 30-18n-lw. They have a 10,000-0 are block secured from George T. Shaw of Shreveport, who has holdings in

50 barrels salt water daily at 2,156

A new oil field made its initial appearance in pipe line run reports this week, this being the new Lisbon field. Claiborne parish, which companies have designated as the "Oakes" field to avoid confusion with the Lisbon (Ark.) field. The name Oakes is from the operator, E. T. Oakes, who drilled the discovery well of the new Louisiana area. The field's pipe line runs last week were placed at 400 barrels but probably will shoot up sharply next week as there are now four producing wells in that area.

wells in that area.

Daily average pipe line runs in north Louisiana, including 43.166 barrels on the Louisiana side of Rodessa, aggregated 65,294 barrels last week. Daily average runs for Arkansas were 27,476 barrels.

Daily average production last week by districts in Arkansas follows: El Dorado 614, Calion light, 1,600; Calion beauty 1,215. Speaksoner light 2.

heavy, 1,815; Smackover light, 2,-300; Smackover heavy, 16,851; Lisbon, 272; Nevada county, 1,855; Stephens, 547; Miller county, 607, and Camden, 15.

OIL NEWS

Morgan Well Dominates Oil Activity

special to the Gazette.

El Dorado, April 12.—Oil activities in other sections of the state were pushed into the background this week by the new oil and gas producer of the Lion Oil Refining company in the Shuler area west of El Dorado, which bids fair to open an extensive drilling campaign that may rival the activities of early boom days in the El Dorado and Smackover fields.

In addition to the Shuler activity

and considerable play near Junction City in southern Union county, there is much interest in Miller county where numerous drilling permits have been issued for a series of tests near the Louisiana line in the vicinity of a well drilled by C. V. Lenz.

Urbana Tests To Start.

In the Urbana area of Union county operations are reported to have been started on a well, which is expected to be a deep test and in the Rainbow City field east of El Dorado, the Pennark Petroleum company is reported to have installed pumping equipment on a well expected to make about 200 barrels

of oil a day.

The newest producer in South Arkansas which is expected to be the fore-runner of a big drilling boom, is the Edna Morgan No. 1 wildcat of the Lion Oil Refining Company located 1,980 feet 10rth of the south line and 4,237 feet east of the west line of the southwest quarter of section 18-18-17 which is about seventeen miles south by west of El Dorado.

An accurate check or gauge on potential production of the well is impossible because of the high gas pressure which has necessitated the use of a small choke on the tubing which prevents

wide open flow. Casing was set two weeks ago and plug was drilled April 4. The well was washed with drill stem in the hole Sunday. Tubing was run in the hole Sunday. day night and Monday morning and connections made. The well was then washed with water for about three hours but failed to flow and a swab After the swab was was rigged up. run three times the well began to flow. Oil men were of the opinion that the

bing if allowed to stand.

an estimate until the well could be gauged. Increased gas pressure down on the flow which necessitated pinching down on the tubing. The pressure on the casing and tubing increased steadily until it reached a maximum of 2,150 pounds on casing and 2,050 pounds on the tubing Tuesday night. Pressure settled down to a steady pressure of 1,850 pounds on the tubing and 1,750 pounds on the tub-

Grant parish (Urania)—Grantland Prod. Co. No. 1 Swope-Labrot, section 8-9n-1e, pumping 30 barrels oil daily at 1,609 feet.

Arkansas completions follow: Clark county—John G. Wooten No. 1 Sparkman, section 1-11-209, dry, abandoned at 563 feet.

Nevada county (Troy)—Benedum and Trees Oil Co. No. 1 L. Block, section 9-14-20, salt water, abandoned at 5,294 feet. No. 8 Grove, section 10-14-20, pumping 118 barrels oil and 150 barrels salt water daily at 2,156 cubic feet per day with a half-inch

Officials of the Lion Company are well pleased with the well and Col. T. H. Barton, president, said that an extensive drilling campaign will be carried out.

Total depth of the well is 5,559 feet with nine and five-eighths inch casing set 5,555 feet. The oil is believed to be coming from the Travis peak, top of which was logged at 4,030 feet. It logged top of the Glen Rose when it was drilled to the 4,270 foot depth by the Phillips company.

After the good showings in the two drill stem tests an active trading boom was started on leases and royalties that extended from the Shuler area southeast to the Louisiana line at Junction City in which area the Standard Oil company of Louisiana is making seismograph tests.

Area May Be Extended.

General belief that the producing area may extend southeast toward Junction City was heightened by the completion of four producers in the Lisbon area of Claiborne parish in North Louisians North Louisiana.

The Lion Company has completed a 14-mile four-inch pipe line from the Morgan lease to its tank farm and refinery in El Dorado. The line was expected to be placed in service this week end when sufficient oil had run into four 500-barrel storage tanks at the

In the Urbana area Marine Oil company is drilling below 1,200 feet on its Thompson E-6 well located in the southwest corner of the northeast quarter of the northeast quarter of section

In the same area the McCresslen Oil Company is reported to have started operations on its Hadley No. 3 test in the northeast corner of the northeast quarter of the southwest quarter of section 3-18-13. The Pennark Petroleum Company is reported to have com-pleted installation of pumping equip-ment on its Rauston No. 1 test in section 12-17-14 which was completed two weeks ago for a 200 barrels daily producer. In Ashley county Joe Modisett is rigging up for a 5,400 foot deep test in section 18-17-9 for the Phillips Petroleum Company. The test will be the Stillions Lumber Company No. in the center of the south half of the southwest quarter of the northwest quarter of the section. East of Smack-over field in Union county W. D. Wingfield of El Dorado has completed as-sembly of a block of approximately 3.500 acres centering around section 18-16-14 on which a 5,000 foot test is contemplated. Most of it belongs to the Stout Lumber Company.

Plans have been announced for the drilling of two test wells in Miller county in the vicinity of the well drilled recently by C. V. Lenz on the Dale lease. The two new wells are to be drilled by E. H. Moore. Inc., and will be known as the Dale No. 1 and the Dale No. 2. The Dale No. 1 test will be located in the northeast corner of the southeast quarter of the northwest quarter of section 24-15-26 which is 660 feet north of the Lenz Dale test. The Dale No. 2 will be located in the southwest corner of the southeast quarter of the northwest quarter of section 24-15-26 which is 660 feet west of the Lenz Dale test.

Spacing Regulations Made. While testing was under way on the Edna Morgan well on the Lion company, the Arkansas State Conservation Board made preliminary spacing regulations for the Shuler area. The board issued a general order that wells in the new area would be limited to one well on each 10 acre tract. The wells are to be spaced 330 feet from each line of the 10-acre tract. This spacing would place four wells on each The general rule of one well to each ten acres will hold good for most of the field, C. E. Harris, chief conservawell would have flowed without swab- tion agent, said, but in extreme cases, special permits will be issued. Monday night the flow of oil and gas regulations for the orderly development increased and at one time the well was of the field will be promulgated at a estimated at producing from 6,000 to special meeting of the board to be held 7,600 barrels of oil a day but officials at the call of the chairman O. C. of the Lion Company declined to make Bailey. Other members of the board are Alfred MacMillan, R. J. Short and Ed Hollyfield all of El Dorado and J. D. Reynolds of Camden. Five drilling permits were issued by the State Conservation Commission this week along with one permit to plug and abandon Five Permits in Miller.

The Layton Oil Company, Inc., of Texarkana obtained all the five permits to drill with all tests to be located on the E. S. Terry estate in section week by Horace Smith Corporation and McConnell Oil Company in No. 1 Ivy McNeely, section 16-6n-3w, Grant parish, south of the Angelina Caldwell flexure and which is play
Caldwell flexure and which is play
Dillon Heirs, section 14-21-15w, used the barrels oil acid and pumping 65 barrels oil Gravity Oil.

Gravity Oil.

Gravity Oil.

Gravity Oil.

Gravity Oil.

Gravity of the oil produced under the tremendous pressure was higher than that obtained in earlier production. The highest gravity reached by one and Neely's No. 1 H. E. Patton, section 36-21n-5w, flowing 450 barrels daily at 5,392 feet.

High Gravity Oil.

Gravity Oil.

Gravity of the oil produced under the tremendous pressure was higher than that obtained in earlier production. The highest gravity reached by one and Neely's No. 1 H. E. Patton, section 36-21n-5w, flowing 450 barrels daily at 5,392 feet. 20-28 in Miller county. The locations are as follows: No. 1 well, 1,168 feet

cated 668 feet east and 50 feet north of the southwest corner of the fractional section; No. 4 test located 418 feet east and 50 feet north of the southwest corner of the fractional section and the No. 5 test located 168 feet east and 50 feet north of the southwest corner of the fractional section.

C. H. Vaughn obtained permit to plug and abandon the Christopher No. 1test located 330 feet north and 330 feet east of the southwest corner of the southwest quarter of the southeast quarter of section 3-14-20 in Nevada county.

The Benedum and Trees oil company filed log of the L. Block No. 1 1 test located 330 feet north and 330 feet west of the northeast corner of the northeact quarter of the southeast quarter of section 9-14-20 in Nevada

Only One Small Producer In Nevada During Week.

Special to the Gazette. 4-11-37

Prescott, April 10.—The only bright spot in the news of the week in the Nevada county oil field was the bringing in of a 200-barrel producer in the old Waterloo field by Berry Asphalt Company, its Junie Haynie No. 2 in the northeast corner of the southeast quarter of the southwest quarter of section 6-14-20, from the Nacatosh sand at the

Charley Steele and Bruce Wallace found the Tokio sand dry at 2,200 feet in their William Haynie No. 2, in the northeast corner of the southeast quarter of the northwest quarter of section 6-14-20, on the edge of the Waterloo field, and will plug back to the Nacatosh at 1,200 feet and bring in an ordinary producer for that field. They found the well in the field, but drilled to the Tokio

Christopher Estate No. 1, being drilled by Grady Vaughan in the southwest corner of the southwest quarter of the southeast quarter of section 3-14-20, continues as the test of interest in the new field. The bit is in hard formation described as "black granite," and drilling today was around 4,300 feet. The Nacatosh and Tokio sands were bare in this test, and operators expect to drill 5,000 feet unless production is found at a shallower depth.

Consensus in the field is that Benedum & Trees Oil Company soon will re-sume drilling and that at-least five new tests will be started in 10 days. They are using bailers on some of their producers instead of pumps, as an experiment to determine which is the cheaper production. It is rumored they will build refinery in the field to take care of their production from the Tokio sand, Berry Asphalt Company having a contract for their Nacatosh oil which is being handled to the refineries at Waterloo through the five-mile pipe line recently,

completed by the Berry company.
W. E. Stewart is coring for the Tokio in his W. B. Waller Estate No. 1 test, in the northeast corner of the northeast tion 1-14-20, the Nacatosh at the 1,200foot depth being dry.

In wildcat territory derrick is up and part of the machinery on the ground for spudding in next week of the Shappard Bros.' test in the northeast corner of the northeast quarter of the northeast quarter of section 17-11-20, in Nevada county, just across the Little Missouri river from John G. Wooten's Sparkman No. 1 in Clark county, which had excellent showings in the Nacatosh. Wooten announced today he would resume drilling for the Tokio in his Clark county test before the end of the month.

H. H. McBride is the contractor for Sheppard Bros. and announced actual drilling would be in progress by Thurs-

Oil News

Morgan Well Easily Tops News of Week

Democrat 4-11-37 Indicated New Deep Field May Link Up With Lisbon Area.

Shreveport, La.—Living up to expectations that were predicated on two successful drill stem tests that showed oil, Lion Oil Refining Company showed oil, Lion Oil Refining Company's No. 1 Morgan, section 18-18-17, Union county, Ark., near Schuler, on a geophysical prospect, was completed this week at total depth of 5,559 feet, flowing 60 barrels of oil per hour through half-inch tubing choke and making an estimated three and one-half million cubic feet of gas daily.

of gas daily.

After the appearance of the gas, which appeared in volume after the well was first completed, the gravity rose from 40.3 to an estimated 49 gravity, and the well was pinched in to a one-fifth-inch tubing choke,

ready clearing location for an east offset to the new producer on the east side of the same 40 acres. Phillips Petroleum Company and Marine Oil Company also are planning nearby tests. Phillips drilled the producer to 4,270 feet where it was taken over by the Lion, and Phillips retained considerable acreage in the etained considerable acreage in the

Although it is not unanimous as

Although it is not unanimous as to what formation is producing the oil in the new well, those who have examined the cuttings declare dolomite was present just above the producing horizon, indicating that it is Permian rather than lower Travis Peak, as some have claimed.

A great leasing campaign that developed northwest and southeast of the well after drill stem tests were run continues, and has also gone toward the south, extending into Louisiana in the direction of the new Lisbon field, Claiborne parish, in townships 20 and 21, ranges 4 and 5, west. The play to the southeast is along a fault that runs northwest from the west side of the Monroe

rom the west side of the Luplift.
In Columbia county, Ark., where Magale and Elam drilled No. 1 Garrett, section 13-17-20, to 4,004 feet, Magnolia Petroleum Company is

Lisbon Field Booming.

Lisbon Field Booming.

The Lisbon field, Claiborne parish, which now has four oil wells producing from the lower Glen Rose at 5,300 feet, has taken the lead as the most active north Louisiana field, taking the lead from the Louisiana side of the Rodessa field.

Eleven tests are actively drilling in the Lisbon field with several others rigging up, and new locations

sociates, and Edward J. Condon of Houston, Tex., for the latter to buy the Oakes' discovery well, No. 2 Patton Estate, section 1-20n-5w, which has been averaging over 180 barrels daily since its completion last December. Condon proposes to buy the discovery well and the entire northeast quarter of the section, 160 acres. The consummation of the trade only awaits the endorsement of Oakes' associates.

Gulf Oil Corporation is drilling four wells at Lisbon, all in section 36-21n-5w, and is ready to spud another in section 31-21n-4w, Red Iron Drilling Company and Scout (Pow-

other in section 31-21n-4w, Red Iron Drilling Company and Scout (Power) Oil Company, which completed the fourth well of the field, No. 1 Patton, section 36-21n-5w, is drilling its No. 2, an offset in the same quarter of the section. Love Petroleum Company is drilling two wells in section 36-21n-5w, and has location for another. Lyons and Neely who another. Lyons and Neely, who completed the third well of the field, another. Lyons and Neely, who completed the third well of the field, are drilling two other wells, one in section 36-21n-5w, and the other in section 34-21n-4w. They made location for No. 1 H. W. Patton, section 6-20n-4w, Lincoln parish, an outside test in the field. L. O. Mc-Millan of East Texas, who is drilling a well in section 34-21n-4w, made location for three additional tests, two in section 36-21n-5w, and another in section 36-21n-5w, and another in section 36-21n-5w, as are Oden and Evans in the same section.

Efforts were being made last week to kill a heavy flow of gas that occurred in H. M. Jones et al.'s No. 1 Chicago Mill and Lumber Co., section 20-12n-10e, Tensas parish, wildcat that occurred after the test had drilled through eight feet of gumbe to total depth of 797 feet. The well a year ago had a good gas show at 790 feet at base of the Jackson, but would not show over a million feet daily when tested after casing was cemented. A core hole being drilled

daily when tested after casing was cemented. A core hole being drilled in this area recently by Arkansas-Louisiana Gas Company reported a blowout of gas.

Hope of getting oil production in large quantities in United Gas Public Service Company et al.'s No. 1 Warren Brown, section 1-19n-6w, on the northwest flank of the Sugar Creek gas field, Claiborne parish, which had been brought in at 5,745 feet in Travis Peak, flowing 70 barrels of oil in two hours through halfinch tubing choke, to give this field its first oil well, were dimmed last week after the well flowed for two days and then went dead. Tubing is being lifted 100 feet in the hole and it will be re-tested.

Deepest Well Abandoned.

Deepest Well Abandoned.

The two deepest tests ever drilled in either north Louisiana or Arkansas were abandoned as failures last week. Both were operations of Gulf Oil Corporation. Its No. 15 R. R. Rhymes, section 32-17n-6e, Richland parish, on the east side of the shallow gas field, was abandoned at total depth of 10,001 feet, after breaking all depth records for this territory. The same company also abandoned its No. 1 Hatcher, section 11-17n-15w, Caddo parish, at total depth of 9,244 feet. It was on a geophysical location. Electrical testers were run in both wells before abandonment.

flowing eleven barrels of oil per hour with tubing pressure 1,750 pounds, and casing pressure 1,850 pounds.

The oil is already being run from the well to Lion's refinery at El Dorado, 14 miles away. Lion is already clearing location for an east offset to the new producer on the cast side of the same 40 acres. Phil-

ing in.
The Marion county part of the Ro-The Marion county part of the Rodessa fault southwest play received a shock last week when Arkansas-Louisiana Gas Company's No. 1 Laura McIntosh, William Edmonson survey, two and one-half miles southwest of production swabbéd dry twice at total depth of 6,010 feet and probably will have casing perforated around 5,914 feet where there was a stray sand, correspondthere was a stray sand, correspond-ing to the Mitchell sand of Rodes-

New Lisbon Field Horizon A Possibility

Week's Report Shows Two New Nevada County Producers.

Lisbon field, Claiborne parish, which now has four oil wells producing from the lower Glen Rose at 5,300 feet, has taken the lead as the most active north Louisiana side of the Rodessa field.

Eleven tests are actively drilling in the Lisbon field with several others rigging up, and new locations being made daily. Just now the greatest play is toward the northeast in the direction of the new Lion Oil Refining Company's Union county, Ark., wildcat producer and eastward toward Standard Oil Company of Louisiana's block in township 23 north, range 1 west.

Negotiations are under way between E. T. ("Bebel") Oakes and associates, and Edward J. Condon of Houston, Tex., for the latter to buy the Oakes' discovery well, No. 2 Patton Estate, section 1-20n-5w, which has been averaging over 180 barrels daily since its completion last December. Condon proposes to

Of the core recovered the upper six feet was broken anhydrite and lime with oil stains, the next three feet lime, the next three feet lime, the next three feet broken anhydrite and shale, and the last twelve feet lime of which the final six feet showed considerable gas. E. T. Oakes, H. D. Easton et al's No. 1 Patton section 1-20n-5w, drilled before the discovery well, the No. 2 Patton Estate, just 50 feet away, encountered an oil showing at 4.240 feet in this same horizon and it was while attempting to make drill stem test of this showing that a fishing job resulted and the hole had to be junked at that depth. Operators then skidded 50 feet and drilled the discovery well to 5.373 feet, failing to core the 4.240 foot failing to core the 4,240 foot

During the last week Oakes and During the last week Oakes and his associates made a new location, No. 3 Patton Estate, section 1-20n-5w west offset to the discovery and Magnolia Petroleum Company made its first Lisbon location in No. 1 Patton, section 36-21n-5w.

Gulf Pipe Line Company's six-inch line to Lisbon from its Shreveport-El Dorado trunk is over half completed. Present production at Lisbon is being sold to the Standard of Louisiana.

An eight thousand foot test in

An eight thousand foot test in the old Dixie shallow field, Caddo Parish, is revealed by filing of a lease calling for two tests, the second of that depth in section 34-19n-14w, by B. J. Lamb from Levi Cooper et al.

Chief interest on the Louisiana cide of Rodossa Caddo Parish lest

Chief interest on the Louisiana side of Rodessa, Caddo Parish, last week was centered in R. W. Norton's No. 1 Payne, section 27-23n-16w, which is coring below 9,050 feet. This well is reported to have had a gas show in Travis Peak and an oil showing in the lower Marine around 8,600 feet, but will be drilled to 10,000 feet, initial goal of the test, and then showings will be tested.

Marr and Perkins' No. 5 Hunter, section 13-23n-16w, which is being

Marr and Perkins' No. 5 Hunter, section 13-23n-16w, which is being leepened to the Travis Peak, is below 7,025 feet.

Lion Oil Refining Company's No. 1 Morgan, section 18-18-17. Union county, Ark., discovery well, which is averaging over 200 barrels of oil daily and four million feet of gas from 5,559 feet, is being offset by Marine Oil Company for No. 1 Morgan in the same section, which is

gan in the same section, which is rigging up.

The leasing play in south Arkansas conitnues between this well and Standard of Louisiana's block in township 19, range 16, Union county. H. L. Hunt is active near the discovery well at Schuler.

V. V. Bull et al made location for No. 1 S. L. Robbins, section 29-19-16, Union county, E. H. Moore, who recently bought C. V. Lenz's Dale No. 7, producer, and the surrounding acreage, has spudded No. 2 Dale, section 24-15-26, Miller county, and is drilling below 1,870 feet.

Two Nacatosh horizon pumpers in the new Troy field of Nevada county, Arkansas were completed last

ty, Arkansas were completed last week. North Louisiana added only three small oil wells, all in the shal-low Pine Island field, Caddo parish. Completions last week in Arkan-

sas follow:
Hempstead county—Root Pet. Co.,

Grant county—Wallace & Staples
7. F. Davis, No. 2, section 23-6-15

Grant county—Wallace & Staples, W. F. Davis, No. 2, section 23-6-15, junked, abandoned at 2,382 feet. Nevada county (Troy)—Berry Asphalt Co., William Haynie No. 2, section 6-14-20, pumping 60 barrels oil daily at 1,193 feet; Bruce E. Wallace, William Haynie No. 1 section 6-14-

tion 6-14-20, pumping 60 barrers on daily at 1.193 feet. Bruce E. Wallace, William Haynie No. 1 section 6-14-20, pumping 40 barrels oil daily at 1.183 feet.

Total daily average production in the Rodessa field last week was 89-438 barrels, of which 41.411 barrels was from the Cass county, Texas, side of the area and 48,027 barrels from the Louisiana side.

Five wells were completed on the Cass side to bring the total to 250 while the Louisiana side went without a completion for the week, the total for this side of the field remaining at 359, giving the field a combined total of 609 producers.

Daily average runs last week for north Louisiana (including Rodessa) were 69,737 barrels, and in Arkansas 26,598 barrels.

were 69,737 barrels, and in Arkansas 26,598 barrels.
Daily average by districts in Arkansas last week follows: El Dorado, 1,576; Calion, light 1,610; Calion, heavy, 1,805; Smackover, light 2,273; Smackover, heavy, 16,646; Lisbon, 285; Nevada county, 2,080; Stephens, 553; Miller county, 475; and Camden, 15. The big gain in Nevada county is due to the fact that Standard Pipeline Company, is now buying Benedum and Trees production ing Benedum and Trees producthere, about 1,400 barrels daily.

OIL NEWS

Oil Activity In Arkansas Spreading

Special to the Gazette. 4-26-37
El Dorado, April 24.—Interest in activities in the new Shuler area west of El Dorado in Union county has spread to other sections of south Arkansas, and drilling operations are under way on several tests in proven areas, semi-proven areas and wildcat territory. Indications are that drilling programs will be started in several sections in a few Shuler Holds Attraction.

The Shuler area continues to be the center of attraction to the oil fraternity. One producer has been completed by the Lion Oil Refining Company and drilling operations are well under way on another deep test by the Marine Oil Company and rigging up is nearing completion on a second test to be drilled

by the Lion. The Phillips Petroleum Company, another holder of considerable acreage in the area, is expected to make location soon and an independent El Dorado producer is expected to begin another test well soon.

In the Junction City area, drilling is well under way on a wildcat test which will be drilled to the Morgan sand level.

In the Urbana area, a test well is being drilled by the Marine Company to the shallow sand and the McCresslen Oil Company is rigging up for another test after abandonment of a previous test as a dry hole.

A few miles northwest of El Dorado, the Sklar Oil Corporation of Shreveport this week completed a small pumping producer in the Nacatosh sand which is expected to be the first of a series of tests in the area.

Activity Spreads. West of Camden in Ouachita county, derick is being erected and drilling is expected to get under way soon on a wildcat test.

Permit has been issued for a new wildcat test expected to be under way soon in Pulaski county and permits have also been issued for test to be drilled in Miller and Nevada counties

In Lafayette county, 10 miles north of the Rodessa section of north Louisiana, drilling is continuing on a deep test well seeking production from the Rodessa level. In Bradley county, operations are going forward on a test being drilled by Joe Modisette and the Phillips Petroleum Company.

In the Shuler area west of El Dorado the Marine Oil Company Thursday night set a second or intermediate string of casing below 1,600 feet as required by the recent ruling of the Arkansas state Board of Conservation.

Drilling operations on the test, under contract to Cap Roberts, who drilled a number of deep test wells in the Snow Hill area, were started early this week and surface casing was set Monday night. Drilling below surface casing was resumed Tuesday and by Thursday the crew had reached a depth of 1,600 feet The second string of casing, according to conservation rules, must be cemented from top to bottom. Drilling operations below the second string of casing were expected to be resumed this week-end.

The Marine test, which is a north offset to the discovery well of the Lion Oil Refining Company, is the Justiss No. 1 and is located 330 feet east and 330 feet north of the southwest corner of lot seven in the northwest quarter

and O'Brien Brothers, No. 1 Drake, section 24-14-24, dry abandoned at used on the Hadley No. 3 test, which 4,507 feet. was abandoned as a dry hole. The Hadley well was located 330 feet south and 330 feet west of the northeast corner of the northeast quarter of the south-

west quarter of the section. Others Preparing to Drill.

About 14 miles west of Camden in Section 21-13-19, not far from the Nevada county line, derrick is being erected and rig installed for a wildcat test to be drilled by H. H. Taylor of Tulsa, on the Joe McCree land. Drilling operations are expected to get under way on the test in about a week. The test is located in the center of the northwest quarter of the southwest quarter of the northwest quarter of the section. There has been considerable leasing activity in the area east of the new wildcat test and it is expected that other wildcat tests may be drilled in the areas in the near future.

In Miller county, W. L. McClanahan will drill a well in Section 11-20-28, to be known as the Capper Brothers No. 1. The test will be located 330 feet south and 330 feet east of the southwest corner of the southeast quarter of the southwest quarter of the section. Rigging up is reported to be under way.

In Nevada county, W. E. Lokey, trustee, will drill a test to be known as the Sheppard-Purifoy No. 1 in Section 17-11-20. The test is located in the center of the northeast quarter of the north-east quarter of the northeast quarter of

In Lafayette county the King Drilling Company is coring around 5,800 feet on its Woolcott No. 1 test in Section 36-9-26, in search for production in the Rodessa horizon. The test is 10 miles northeast of production in the Rodessa area. In the same county A. M. Neely was reported to be fishing on the Meek No. 1 in Section 35-19-25 at 3,358

In Bradley county, drilling operations are reported to have been resumed on the Stillions Lumber Company No. 1 test of Joe Modisette and the Phillips Petroleum Company, after being delayed when location was under water. The test is located in the center of the south half of the southwest quarter of the northwest quarter of Section 18-17-9.

Four drilling permits were issued this week by the state Conservation Board according to C. E. Harris, chief conservation agent, and one permit was issued to plug and abandon a test. A previously issued permit was transferred to another operator.

Alva L. Kitselman of Muncie, Ind., was issued permit to drill the A. L. Kitsleman No. 2 test, located 370 feet north and 330 feet west of the southeast corner of the southeast quarter of the southwest quarter of Section 2-1S-13W in Pulaski county.

H. H. Taylor of Tulsa was issued permit to drill the Joe McCree No. 1 test located in the center of the northwest quarter of the southwest quarter of the northwest quarter of Section 21-13-19 in Ouachita county.

Phillips, Independent to Drill. In the same section, the Phillips Petroleum Company is expected to make location of a new test to be a west off-set to the Lion well.

The Alice Sidney Oil Company which J. S. Rushing is president, has considerable lease holdings in the Shuler area and reports were that the company would start a deep test well in a short time but this could not be con-

About 10 miles southeast of the Shuler area in the general direction which the "trend" of the Shuler "highs" is reported to follow, H. C. Detrick of Tulsa, Okla., is drilling below surface casing on his S. L. Robbins No. 1 wildcat deep test in Section 12-19-16. The test is about three miles north of Junction City and about eight miles south of El Dorado. The test will be drilled to a depth of 5,500 or 6,000 feet in search for the Morgan sand. The Robbins test and the 2,500 acres of leases in the block surrounding the test, were assigned to Detrick last week-end by C. E. Travis and V. V. Bull who in turn had obtained the block from Bruce Hunt and associates .The test is located 700 feet west of the east line and 330 feet quarter of the northwest quarter of the section. The Detrick tract adjoins a block of several thousand acres north and west of Junction City assembled by the Standard Oil Company of Louisiana on which the company is making ex-tensive tests by siesmograph shootings. Morgan Continues Production.

The discovery Morgan well of the Lion company in Section 18-18-17, continued to produce approximately barrels of 45 degree gravity oil and 4,-500,000 cubic feet of gas daily through a 22-64 inch choke on the tubing. The well continues to show good pressure with no trace of water. Casing pressure is fairly stationary at 1,575 pounds and tubing pressure is 1,450 pounds. Both oil and gas from the well are piped alternately through a four-inch line to the company's refinery plant here. The discovery test is located 1,980 feet north of the south line and 4,237 feet east of the west line of the southwest quar-

ter of Section 18-18-17.
Southeast of El Dorado in the Urbana area, the Marine Oil Company is drilling below surface casing in its Thompson B-6 well in Section 10-18-13. The test cated 330 feet north and 330 fee

Company is rigging up and is expected to start drilling operations soon on its Atkins No. 5 test, located 330 feet north and 330 feet east of the southwest corner of the southwest quarter of the northeast quarter of Section 3-18-13.

Oil News

New Wildcats In Louisiana Will Go Deep

Lisbon Field Expanding; Big "Lease Play" in Arkansas.

Shreveport, La. — Locations for two new 6,000-feet wildcat tests were announced this week in north

Were announced this week in north Louisiana.

Glassell and Glassell of Shreveport staked location for a 6,000-foot wildeat in Lincoln parish, A. P. Gray 1, 16-20n-3w, and are moving in materials. This location is on a block of 12,000 acres in which practically all of the major companies operating in north Louisiana have spreads sufin north Louisiana have spreads, sufficient acreage have been sold from the block to finance the test.

Shell Petroleum Corporation, among those taking acreage took 1,-

among those taking acreage took 1,000 acres and supplemented this
with acquiring additional acreage
around the edges of the block.

The other deep wildcat is planned
in the Glen Rose sand and will be
drilled on the south edge of the old
Bull Bayou field by Lee Whitehurst
who has about 4,000 acres centering around section 25-12n-11w, Red
River parish, a lease on the Le Long
tract in that section requiring that
he spud by next June 10. Texas
Company has been adding considerable acreage recently in township 11
north, range 11 west, southwest of
Bull Bayou and in the direction of
Fite and Grogan's Ramsey 1, section
36-11n-11w, which recently blew out
making oil after having been abandoned at 3,027 feet. Operators were
lease to provide the section of
Rock 13-19, O
3-19, O
3-19

making oil after having been abandoned at 3,027 feet. Operators were going into this hole last week to make an electrical test to determine source of the oil, when 700 feet of drill stem twisted off.

H. D. Easton, as trustee for an eastern company, continues to add to a block of acreage around section 21-19n-4w, Lincoln parish, eight miles southeast of the Lisbon field, having last week assembled over 9,000 acres. A 6,000-foot test must be started by June 10.

It is evident from the activity following the Lisbon discovery, the

It is evident from the activity following the Lisbon discovery, the finding of oil on the northwest flank of the Sugar Creek gas field, and the Shuler oil discovery in section 18-18n-17w, that the North Louisiana basin will get the major part of the oil exploration for the next few months.

Botton hole pressure on the Lou-Botton hole pressure on the Lou-isiana side of Rodessa declined 42 pounds during the 31-day period im-mediately before April 1, an aver-age decline of 1.35 pounds per day, according to figures compiled by the engineer of the Rodessa operators' committee. The average bottom hole pressure for the Louisiana side of the field on April 1 was 1,822

A set-back was given immediate prospects of getting production in Rodessa from the basal Glen Rose below the Young horizon last week. below the Young horizon last week. United Gas' No. 5 I. L. Young, section 27-23n-16w, showed 15 joints of mud and water in a 16-minute drill stem test, at 6,524 feet, and the same company's No. 1 J. W. Land, Robert Potter Survey, Cass county, Texas failed six times in trying for a test and was coring ahead below 6,793 feet.

Perkins and Marr, after drilling No. 5 Hunter, section 13-23n-16w, to the Travis Peak at 7,200 feet, ran an electrical tester and decided to set electrical tester and decided to set casing, probably to perforate around 6,513-28 feet in basal Glen Rose, where an oil saturated core was re-ported while drilling. R. W. Norton's No. 1 Payne, sec-tion 27-23n-16w proposed 10,000-foot test, was coring just above 9,400 feet. United Gas and others No. 1 Warran Brown Section 1,100-6w Section

ren Brown, Section 1-19n-6w, Sugar Creek, Claiborne Parish, this week gauged 205 barrels of oil in 24 hours from the Travis Peak at 5,743 feet, flowing through half-inch tubing choke, but later dropped to 59 barrels in 24 hours. It is Sugar Creek's first oil well.

The sixth oil well for the Sligo

The sixth oil well for the Sligo field, Bossier Parish, was completed when United's No. i-l Skannal, Section 25-17n-12, flowed 209 barrels in 12 hours from the Petitt at 5,175 feet. A one-half mile east extension of the Lisbon field, Claiborne Parish, where there are four wells producing at present, seemed assured as McMillan and DeArmand's No. 1 Maggie Patton, section 31-21n-4w, cored saturation, recovering five feet from 5,277 to 5,292 feet, and prepared to set final casing string. There

east of the southwest corner of the northeast quarter of the northeast quarter of the section.

In the same area the McCreslenn Oil Company is rigging up and is expected to start drilling operations soon on its

The greatest lease play of recent months continues to grip south Arkansas in the wake of the completion of Lion Oil Refining Company's No. 1 Edna Morgan, section 18-18-17, Union county, Ark., as an oil well at 5.559 feet. The well is averaging about 300 barrels daily through various sized about

ious sized chokes. Lion last week spudded No. B-1 on the same lease, a southeast offset in the same section, and Marine Oil Company is drilling below 1,400 feet in its No. Justiss in the same section, another

offset.

Hunt Oil Company and J. H. Dugan are among those who have bought in township 18, range 17, since the well was completed. Mid-Continent Petroleum Company and Sun Company are leasing in township 19, range 17. Phillips Petroleum Company has acquired from Joe Modisette, et al, geophysical option on over 100,000 acres of Frost Lumber Company land, which Modisett and associates had under geophysical option. Modisette and his associates had about 250,000 acres under option, some of it in Union county, Ark, some of it in Union county, Ark., and some in Union parish, La. Phillips now has three shooting crews on this acreage.

on this acreage.

Hunt Oil Company and Magnolia Petroleum Company, are blocking in townships 18 and 19, ranges 18 and 19, Columbia county. In this county, Standard of Louisiana has acquired a block from Harper et al in township 16, range 22, near Waldo and Buckner. Harper also assigned some acreage in 16-21 to Magnolia. In the same county Standard of Louisiana has a block around section 21-18-21 and Superior Oil Company has a 4,000-acre block in 17 and 18-21, 22 a 4,000-acre block in 17 and 18-21, 22

H. H. Taylor of Tulsa, Okla., this week made location for a 3,000-foot test, No. 1 Joe McCree, section 21-13-19, Ouachita county, on a 3,500acre block, 10 miles west of Cam-

E. H. Moore, Inc., was trying for a drill stem test around 2,800 feet in No. 2 Dale, section 24-15-26, on acreage he recently acquired from C. V. Lenz in Miller county, Ark,

Many small oil wells continue to be added in the shallow Urania field, located in parts of La Salle and Grant parishes. Last week four of the six oil wells completed in north Louisiana outside Rodessa were added to the six oil wells completed in north Louisiana outside Rodessa were added to the six oil wells completed in north Louisiana outside Rodessa were added to the six of the s

the six oil wells completed in north Louisiana outside Rodessa were added at Urania.

The list of North Louisiana's completions last week follows:
Boosier parish (Sligo)—Arkansas-Louisiana Gas Company No. 1 Tom Wilson, section 8-17n-11w, 26,500,000 cubic feet gas at 4,274 feet; United Gas Public Service Company No. I-1 Skannal, section 25-17n-12w, 418 barrels daily, at 5,175 feet; United No. 1 A-1 Webb Unit, section 23-17n-12w, 20 million daily at 2,202 feet.
Caddo parish (Pine Island)—Dr. C. C. Crews No. 3 Penderson, section 11-20n-15w, pumping 175 barrels daily at 2,202 feet.
Grant parish (Urania)—Grantland Produce Corporation No. 2 Swope-Labrot, section 18-9n-1e, pumping 30 barrels oil daily at 1,607 feet.
La Salle parish (Urania)—Air Lift Oil Company No. 10 Urania Lumber Company, section 18-10n-2e, pumping 75 barrels oil daily at 1,515 feet; No. 11 Urania Lbr. Company, section 18-10n-2e, pumping 30 barrels oil daily at 1,517 feet; Placid Oil Company No. 4 Winnberry, section 18-10n-2e, pumping 15 barrels oil daily at 1,519 feet Winnberry, section 18-10n-2e, pumping 15 barrels oil daily at 1,519

Completions in Arkansas follow: Union county—Detrick et al. No. 1 Aaronson, section 3-18-16, dry, abandoned at 2,206 feet; McCreslenn Oil Company No. 3 Hadley, section 3-18-13, salt water, abandoned at 3,607

feet.

Daily average production last week in Rodessa was 86,055 barrels, daily average pipe line runs, 90,901 barrels and daily average distribution 91,461 barrels, with 5,406 barrels withdrawn from storage. Three wells on the Louisiana side brought the total in that field to 362, and seven were added on the Texas side, bringing the total to 257, a total of 619 for the field. The average daily production on the Louisiana side was 48.531 barrels and on the Texas side, 37,524 barrels, making a per well average of 134 barrels for the Louisiana side and 147 barrels per well on the Texas side.

Daily average production for north Louisiana, including Rodessa, last week was 70.502 barrels and in Arkansas, 27,176 barrels. The average by districts in Arkansas follows: El Dorado, 1,566; Calion light, 1,580; Calion, heavy, 1,785; Smackover, light, 2,255; Smackover, heavy, 16,593; Lisbon, 280; Nevada county, 2,075; Stephens, 547; Miller county, 480; Camden, 15. Daily average production for north

Oil News

Louisiana's Lisbon Field **Is Extended**

Democrat 5-2-37 Gets Biggest "Play"-Arkansas Reports Two New Producers.

Shreveport—Extensions of the new Lisbon field, Claiborne parish, which now has six oil producers, and of the northeast end of the Louisiana side of the Rodessa field, were outstanding operating developments this week in North Louisiana.

week in North Louisiana.

Lisbon added two producers to boost the total there to six, one of which extended production one-half mile east. This well is McMillan and DeArmand's No. 1 Maggie Patton, section 31-21n-4w, completed flowing 25 barrels of oil per hour through 21-64-inch tubing choke from total depth of 5,293 feet with 21 feet of saturated basal Glen Rose formation.

A west offset to the field's second producer was completed for the sixth oil well of the field in Love Petroleum Company's No. 1 H. E. Patton, section 36-21n-5w, completed at 5,350 feet, flowing 35 barrels of oil per hour through half-inch tubing

per hour through half-inch tubing choke. Saturation was logged from 5,331 to 5,344 feet. Sixteen other tests were drilling in the field including five which are ready to drill plugs and test.

considerable trading around Lisbon continues and royalty prices have gone as high as a \$750 per acrebase. Sells Petroleum Company of Longview, Texas, has leased the SE quarter of the SE quarter of section 31-21n14w, from J. B. Bond of the same city for \$10,000 cash and \$30,000 from production. L. H. Pratt has leased 395 acres in sections 11, 12 and 14-21n-4w, and P. W. Woodruff of Tyler, Texas, has a lease in section 6-20n-4w, from Max Brandt.

Upsetting the pre-conceived theor-

G-20n-4w, from Max Brandt.

Upsetting the pre-conceived theories of a number of geologists as to the location of the Rodessa fault in the northeast part of that field, Lion Oil Refining Company's No. 1 Holm, section 9-23n-15w, Caddo parish, was completed at total deptn of 6,042 reet in 10 feet of saturated Young formation and flowed 435 barrels in 12 hours through half-inch tubing choke The well was shut in after two 500-barrel tanks had been filled. It is the best well completed on the Louisiana side in several weeks. It will undoubtedly cause a revival of interest in that end of the field. The northwest one and three-quarter interest in that end of the field. The northwest one and three-quarter mile offshoot on the Louisiana side of Rodessa was extended one location east and one location west this week. To the west, Gulf Oil Corporation, making its maiden venture on the Louisiana side of Rodessa, completed No. 1 Campbell, section 4-23n-16w, at 6,050 feet, flowing 585 barrels in 24 hours through two and one-half inch tubing. Gulf also logged 11 feet of saturation from one-half inch tubing. Gulf also logged 11 feet of saturation from 5,319 to 5,321 feet in its No. 1 Patton, section 36-21n-5w, Lisbon, Claiborne parish, and is waiting on cement on is well and two others in that new

Chief interest on the inside area of Chief interest on the inside area of Rodessa was centered in the exploration for deeper pay possibilities. R. W. Norton's No. 1 W. E. Payne, section 27-23n-16w, south of Rodessa production, designed as a 10,000-foot operation, had seven-inch casing cemented at around 9,440 feet with total depth of 9,482 feet. Shows in both the Travis Peak and lower Marine have been rumored about this test which has been drilled "tight" by the discoverer of the Rodessa field.

ana is reported planning within three months to drill a Travis Pearest in Union parish, in or near section 14-21n-1e, where geophysical exploration has been carried on since test last year in section 27-21n-1e. Jack Lent et al drilled a Travis Peak Union parish is the scene of much Union parish leasing.

Wlaens

Arkansas Operations.

W. D. Wingfield of El Dorado,
Arkansas, this week announced plans
for a 5,000-foot test in No. 1 Southern Kraft Company, in section 18-16-14, Union county, Arkansas, east of El Dorado.

El Dorado.

King Drilling Company has shut down at 6,200 feet, contract depth, in No. 1 Walcott, section 36-19426, Lafayette county, Arkansas.

Nivla Oil Corporation's No. 1 Merchants and Planters Bank, section 18-15-26, Miller county, logged base of massive anhydrite at 3,927 feet and cored a water sand from 4,028 to 4,037 feet and is drilling ahead below 4,150 feet.

A third new location for the Schul-A third new location for the Schular area, recently opened by Lion Oil Refining company No. 1 Edna Morgan, section 18-18-17, an oil well at 5.559 feet, was made last week by Alice Sidney Oil Company (Dr. J. S. Rushing) one-fourth mile east of the discovery well discovery well.

Texas Company is leasing in township 19, ranges 16 and 17, Union county, and C. D. Baldwin is leasing in township 19, ranges 14 of the same

county.

In Calhoun county, E, J. Moran took 2,500 acres in townships 14, ranges 12 and 13. In Ouachita county where he took some acreage several months ago, H. M. Bryant of Fort Worth has recently taken about 2,000 acres in township 15, range 19. Standard Oil Company of Louisiana has a shooting unit working east of Texarkana in townships 15 and 16, ranges 27 and 28, west of the Garland City field.

Carter and Burlick of Minneapolis, Minnesota, on a block of approximately 6,000 acres in Clark county, Arkansas, have let contract to E. O. Olds for Ozan Lumber Company 1, section 25-9s-18w, which is planned to go to 3,000 feet or deeper into the Paleozics

Paleozoics.

Three new locations were made last week in Arkansas as follows: W. L. McClanshan, Capps Brothers 1, located in section 11-20-28, Miller county; Frank F. Silver, Joseph Chambers Estate 2, section 17-2n-7w, Logan county; and W. E. Lokey, Trustee Shepard-Purifoy 1, section 17-11-20, Nevada county.

Benedum and Trees Oil Company was granted permit to deepen Grove Land and Timber Company 1, section 10-14-20, Nevada county; this being the discovery well of the new Troy field.

Besides the four wells added on

Troy field.

Besides the four wells added on the Louisiana side of Rodessa, north Louisiana had two other small oil wells, Arkansas added two oil wells. Other completions last week in north Louisiana follow:
Caddo parish (Pine Island)—Stanolind O. & G. Co., No. 11, J. B. Slattery, section 27-21n-15w, pumping 20 barrels oil daily at 1.580 feet.

De Soto parish—Grogan Oil Co., No. 1 J. W. Ramsey, section 36-11n-11w, junked, abandoned at 3,027 feet (second completion).
Caldwell parish—Critchett and Woods, No. 2 Southern Craft Co., section 18-11n-2e, dry, abandoned at 1,710 feet.
La Salle parish (Urania)—Air Lift

La Salle parish (Urania)—Air Lift Oil Co., No. 12 Urania Lbr. Co., section 18-10n-2e, pumping 60 barrels oil daily at 1,508 feet; T. & J. Inc., o. 1 Urania Lbr. Co., section 19-10n-c, dry, abandoned at 1,598 feet; rania O. & G. Co., No. Urania Lbr.

Sabine parish (Converse)—W. G. Ray Drilling Co., No. 3 Looney, section 30-9n-13w, dry, abandoned at 2,111 feet.
Completions in Arkansas follow:

Completions in Arkansas follow:
Columbia county—J. C. Buckbee,
Tr., No. 1 L. Cumbie, section 17-1718. dry, abandoned at 3,174 feet.
Nevada county (Troy) — Berry
Asphalt Co., No. 2 June Haynie, section 6-14-20, pumping 35 barrels oil
dail yat 1,239 feet; W. E. Stewart, No.
1 Mendenhall Est., section 1-14-20,
dry, abandoned at 2,313 feet.
Union county—Sklar Oil Corp., No.
1 Cordell, section 24-17-16, pumping
eight barrels oil dail yat 2,162 feet.
The per well production average

The per well production average for the Rodessa field last week was 144 barrels, representing an average of 135 barrels per well for the Louisiana side and 156 barrels for the

With the daily average runs from the Lisbon field mounting 1,070 barrels to 1,500 barrels, resulting from Gulf Pipeline Company completing the first line to the field, daily average production in north Louisiana last week rose to 73,352 barrels. Arkansas average last week was 27.065

arrels.

Daily average runs by districts last
follow (in bar-Daily average runs by districts last week in Arkansas follow (in bar-rels): El Dorado, 1,570; Calion, heavy, 1,568; Calion, light, 1,763; Smackover, light, 2,252; Smackover, heavy, 16,-594; Lisbon, 275; Nevada county, 1,990; Stephens, 555; Miller county, 485; and Camden, 15.

OIL NEWS

Standard Oil Company of Louisi- Scope of Oil a is reported planning within Activity Widens

5-2-37

El Dorado, May 1.—An active drilling campaign in the new Shuler deep sand area west of El Dorado in Union county is well under way with two wells going down at a rapid pace and another test ready to be started and reports of still another test expected soon.

Also sharing attention with the Shuler area is the western part of Ouachita county where operations have started on a deep test and the southeastern part of Nevada county where work has been

started on another deep test.

In the Urbana area, the Marine Oil
Company is drilling on its Thompson
B-6 well and the McCresslenn Oil Com-

pany has started operations on its At-kins No. 5 test in the same area.

Of chief interest to the oil fraternity and South Arkansas at this time are drilling operations on two wells in the Shuler area. In that section, the Marine Oil Company is drilling below 2,500 feet on its Justiss No. 1 test in section 18-18-17 a north off-set to the producer discovery well of the Lion Oil Refining

An intermediate string of casing was set in the well last week at 1,600 feet with 300 sacks of cement sealing the pipe from top to bottom. Drilling contract was let to the C. I, Roberts Drilling Company and it is expected that the Morgan sand will be reached in about 10 days or two weeks if no difficulties are encountered. The operators are not planning to core any formations until the level of the producing sand is neared. The test is located 330 feet east and 330 feet north of the southwest corner of lot seven in the northwest quarter of section 18-18-17.

Casing to Be Set in Off-Set. On an east off-set to the discovery well, the Lion Oil Refining Company is expected to set intermediate casing this week at 1,600 feet. Drilling operations on the test, with the Delta Drilling Company in charge, were started early this week. Resumption of drilling under intermediate casing will probably be start-

ed about the middle of next week. The test is the Morgan B-1 and is located 330 feet east of the west line and 330 feet north of the south line of the northwest quarter of the southeast quarter of section 18-18-17.

Half a mile east of the discovery well, the Alice Sidney Oil Company was expected to start operations this week-end on its D. S. and J. C. Morgan No. 1 test in section 18-18-17. Permit for the test was issued early this week and drilling contract let to the C. I. Roberts Drilling Company, the same company that is drilling the Marine well. The Alice Sidney test is located 330 feet east of the west line and 330 feet south of the north line of the northeast quarter of the southeast quarter of section 18-18-17.

Morgan Production Increases. Production on the Edna Morgan No. 1 discovery well of the Lion Company in the Shuler area was increased this week when operators increased the choke on the well to a half-inch on the tubing. Under a 22-64 inch choke the well produced about 300 barrels of 45 degree gravity oil and 4,000,000 cubic feet of gas daily. Under the half-inch choke the production increased to 385 barrels of oil and 4,600,000 cubic feet of gas daily. The oil and gas are piped alternately through the company's four-inch pipe line to the Lion refinery here. The discovery well is located 1,980 feet north of the south line and 4,237 feet east of the west line of the southwest quarter of section 18-18-17.

Detrick Perfecting Title.

Nine miles southeast of the Shuler area and a few miles north of Junction City, H. C. Detrick is perfecting titles before resuming drilling operations be-low surface casing in his S. L. Robbins No. 1 wildcat deep test in section 12-19-16. One hundred feet of surface casing were set in the well last week-end and it is expected that drilling operations will be resumed this week-end or early next week. The test is located 700 feet east of the west line and 330 feet north of the south line of the southwest quar-

ter of the northwest quarter of section

Northwest of El Dorado where a shallow sand producer was completed for 30 barrels daily on the pump in the Nacatosh sand in section 24-17-16 by the Sklar Oil Corporation of Shreveport and titles of leases are being cured before other tests are started. The producer is the Cordell No. 1 in the northeast corner of the southeast quarter of the southwest quarter of the section was completed in the Nacatosh sand at 2,150 feet for a pumper of about 30 barrels a day. Operators are reported planning to drill about 10 additional wells in the

Thompson B-6, Below 3,200 Feet.

Southeast of El Dorado in the Urbana area the Marine Oil Company is drilling below 3,200 feet on its Thompson B-6 well located 330 feet north and 330 feet east of the southwest corner of the northeast quarter of the northeast quarter of section 10-18-13. The Urbana sand is expected to be encountered at about 3,500 feet early next week.

In the same area the McCresslenn Oil Company is drilling below surface casing in its Atkins No. 5 test in section 3-18-13. The test is located 330 feet north and 330 feet east of the southwest corner of the southwest quarter of the northeast quarter of the section.

Northeast of El Dorado, W. D. Wingfield, El Dorado operator, and associates are preparing to drill a wildcat deep test in section 18-16-14. The location is between the Snow Hill deep sand area in the Smackover field of Ouachita county and the Rainbow City field in which H. L. Hunt two years ago drilled a deep test. Hugh Neal will have charge of drilling operations and it is expected that the well will be taken to the Permian lime formation encountered in the Snow Hill area. The test is located 330 feet east and 330 feet north of the southwest corner of the southwest quarter of the northwest quarter of the sec-

About 14 miles west of Camden in Ouachita county, operations have been started on what is expected to be the first of a series of wildcat test wells to be drilled in the Liberty area. The well is the Joe McCree No. 1 test of H. H. Taylor of Tulsa, Okla., and is located in the center of the northwest quarter of the southwest quarter of the northwest quarter of section 21-13-19. Surface casing was set in the well the mid-dle of the week and drilling operations were reported to have been resumed this week-end.

Drilling operations have been started on one deep test well in Nevada county and the Benedum and Trees Company was issued permit this week to deepen

The new test is the William Haynie No. 1 test of Clyde Cox, located in the center of the northwest quarter of the southeast quarter of the northeast quarter of section 5-14-20. Drilling opera-

tions were started on the test this week and the well is expected to be taken below 5.000 feet.

The test to be deepened is the discovery well of Benedum and Trees, the Groves Land and Timber Company No. 1, in section 10-14-20. The test is located 170 north of the center of the north half of the southeast quarter of northwest quarter of section 10-14-20.

Derrick is being erected for a new wildcat test to be drilling in Clark county about nine miles east of Gurdon by Carter and Burdick on the Ozane Lumber Company land. The test is located in the center of the northeast quarter of the northeast quarter of the northwest quarter of section 29-1-19.

In Miller county Odell Hinson and associates are making plans to deepen the Montana Realty Company No. 1 test in section 3-17-28 which was abandoned some time ago. The well is expected to be taken to the lower Glen Rose formation. The well was abandoned

The Arkansas Board of Conservation this week issued three permits to drill new wells, one to deepen an old test, five to plug and abandon tests and logs of two wells were filed.

Permits Issued.

W. L. McClanahan obtained permit to drill the Capps Brothers No. 1 test located in the northwest corner of the southeast quarter of the southwest quarter of section 11-20-28 in Miller county. Frank F. Silver obtained permit to drill the Joseph Chambers estate No. 2 test located in the southwest quarter of the northeast quarter of the northwest quarter of section 17-2N-7W in Miller county.

W. E. Lokey, trustee, obtained permit to drill the Shepard-Purifoy No. 1 test located in the center of the northeast quarter of the northeast quarter of the northeast quarter of section 17-11-20 in Nevada county

Benedum and Trees obtained permit to deepen 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 north-west quarter of section 10-14-20 in Ne-

Earl Patterson obtained permits to plug and abandon five tests in Ouachita county. They are the Shirey C-1 located 200 feet north and 200 feet west of the southeast corner of the southeast quarter of the northeast quarter of section 35-15-17; the Shirey A-2 located 155 feet north and 155 feet east of the southwest corner of the southeast quarter of the northeast quarter of section 35-15-17; the Shirey B-2 located 200 feet north and 200 feet west of the southeast corner of the southwest quarter of the northwest quarter of section 36-15-17; the Shirey B-1 located 160 feet south and 160 feet west of the northeast corner of the southwest quarter of the northwest quarter of section 36-15-17 and the Shirey No. 1 located 160 feet south and 160 feet east of the northwest corner of the southwest quarter of the northwest quarter of section

H. C. Detrick filed log of the Aaronson No. 1 test located in the center of the southwest quarter of the southeast quarter of the southwest quarter of section nears the Morgan sand. 3-18-16 in Union county.

In Nevada County.

Special to the Gazette. 5-2-37
Prescott, May 1.—During the week one producer was added to the Waterloo when Charley Steele and Bruce Wallace brought in their Junie Haynie No. 2 in the northeast quarter of the northwest quarter of section 6-14-20 from the Nacatosh sand at a depth of 1,200 feet. This test previously had been drilled to the Tokio sand at 2,200 feet and plugged back to the Nacatosh when no oil was found at the lower The new well is good for 100

barrels of oil a day on the pump.

Benedum & Trees Oil Company is drilling at 3,500 feet in its Groves Land and Timber Company No. 1 on the north side of the northeast quarter of D. S. and J. C. Morgan No. 1 test half the northeast quarter of section 10-14-20. This was the discovery well in the new field and was good for 200 barrels of 16-inch surface casing in the well of oil a day from the Tokio sand at

2,200 feet and recently was cased off at that sand for the company's second deep test in the field. A good sand 75 feet in depth in the Lily Block test No. 1 at a depth of 4,200 feet, but with not enough oil to insure a producer, leads this company to believe that sand in the discovery well will be a real producer of high gravity oil.

Third Deep Test. Grady Vaughn is expected to begin deepening his Christopher estate No. 1 next week for the field's third deep Recently operations in this were stopped at a depth of 4,300 feet. It is located in the southeast corner of the southwest quarter of the southeast quarter of section 3-14-20 and, it is said, will be drilled to a depth of 6,000 feet in search of a high gravity pro-

In the Stewart-King wildcat test near the village of Sutton, in the southeast corner of the southwest quarter of the southwest quarter of section 6-13-22, drilling was stopped Tuesday at a depth of 3,500 feet. Drillers of this test announced when drilling operations were resumed last week that they expected an oil producing sand between 3,500 and 4,000 feet and rumor has it that drillwill be resumed as soon as state owners of interests in the test

Sheppard Bros. have set surface casing in their wildcat test in the northeast corner of the southeast quarter of the northeast quarter of section 17-11-20, and expect to make a test of the Nacatosh sand next week.

In Clark county McLarry and others of Greenville, Tex., have set surface casing in their J. G. Clark No. 1 in section 22-10-21, and drilling will be resumed next week. The road to this test has been graded during the week and test is being watched with interest by other operators and scouts.

OIL NEWS

Outcome Of Three Shuler Tests Awaited

Special to the Gazette. 5-7-5 / El Dorado, May 8.—Members of the oil fraternity in south Arkansas this week are awaiting further developments in the Shuler area west of El Dorado in Union county where three deep test wells are being drilled to the Morgan sand at about the 5,560-foot level where production was encountered in the Edna Morgan well of the Lion Oil Refining

In addition, persons interested in oil activities are watching operations in several other sections of south Arkansas where deep wildcat tests are being drilled. Two of the tests are being drilled in Union county and one in the western part of Ouachita county. Wildcat tests also being planned in Hempstead, Clark, Dallas, Logan and Nevada coun-

Though wells in the Shuler area are not expected to reach the interesting stage for at least a week, field followers are watching with close interest drilling work on the three tests under way. The three wells in the area are in three separate stages of development.

Justiss No. 1 at 4,000 Feet. The Justiss No. 1 test of the Marine Oil Company in Section 18-18-17, a north off-set to the discovery well of the Lion Oil Refining Company, is drilling at the 4,000-foot level in shale and is expected to near the coring stage in about a week. The deeper the well gets, the slower the drilling operations are. When the well was started, the C. I. Roberts Drilling Company were reported to have made as much as 700 feet a day, but with deeper operations, drilling Sklar is necessarily slower. It is expected that

Morgan B1 at 2,800 Feet. The second deepest well in the Shu-Lion Company, an east off-set to the discovery well. The well is drilling around 2,800 feet with the Delta Drilling Company in charge of operations.

An intermediate string of casing was set in the well last week-end and drilling operations resumed early this week. The Lion's well is located 330 feet east

Alice Sidney Spuds In. The Alice Sidney Oil Company, Dr.

tions under surface casing Thursday middle of the week. night

It is expected that the second string of casing will be set at 1,600 feet early next week. The J. I. Roberts Drilling Company, drillers on the Marine's well, is also drilling the Alice Sidney test. The test is located 330 feet east of the west line and 330 feet south of the north line of the northeast quarter of the southeast quarter of Section 18-18-17.

Discovery Well Continues Flow. Under a half-inch choke on the tubing, casing and tubing pressure has decreased on the Edna Morgan No. 1 discovery producer of the Lion Oil Company and production Thursday was reported at 331 barrels of oil and 2,691,000 cubic feet of gas. Tubing pressure was reported at 900 pounds and casing pressure at 700 pounds. The discovery well has produced steadily at the rate of from 300 to 400 barrels of 45 degree gravity oil and from 2,500,000 to 4,000,-000 cubic feet of gas per day since its completion on April 4 with no trace of salt water. Production on the well has varied according to the size of the choke on the tubing. Gas and oil from the well are piped alternately through the Lion's four-inch pipe line to its refinery plant here. The discovery well is located 1,-980 feet north of the south line and 4,237 feet east of the west line of the

southwest quarter of Section 18-18-17. Gulf May Drill in Shuler.

Rumors were circulating here this week that the Gulf Refining Company is contemplating a deep test well north-east of the Lion's producer if the wells now drilling should be completed for producers. It is reported that the Guli has extensive holdings in and around Section 33-17-17 and Section 4-18-17 and that a test well will be drilled in that vicinity which is about two and one-half miles northeast of the discovery producer.

of the Shuler area has been fairly well leased by major and independent companies and operators and speculators and leases now are being taken in a northern and northeastern direction from the area.

Detrick Still Idle.

Southeast of the Shuler area, and a few miles north of Junction City, H. C. obtained permit to drill the Ozan Lum-Detrick has failed to resume drilling operations under surface casing on his feet south and 330 feet west of the northeast corner of the northeast quar-S. L. Robbins No. 1 wildcat deep test that is to be taken to the depth of the Morgan sand. Surface casing was set tion 25-9-19 in Slark county. on the well two weeks ago but resumption of operations was delayed pending curing of titles on the leases. No defi
S. and J. C. Morgan No. 1 test located curing of titles on the leases. No defi-nite information could be obtained as 330 feet east and 330 feet south of the to when operations are expected to be resumed. The Detrick test is located 700 feet east of the west line and 330 fet north of the south line of the couthwest quarter of the northwest. Clyde E. Cox of Prescott obtained to when operations are expected to be southwest quarter of the northwest quarter of Section 12-19-16.

Southeast of El Dorado in the Urbana area, completion is expected this week-end on the Thompson B-6 well of the Marine Oil Company in Section 10-18-13. Casing was set for final testing of the well at about 3,500 feet early this week in the Urbana sand. It was expected that the well would be completed for a small pumper. The Marine has extensive holdings in the Urbana area where it has completed numerous producers. The Thompson test is located 330 feet north and 330 feet east of the southwest corner of the northeast quarter of the northeast quarter of the sec-

McCreslenn Coring.

In the same area, the McCreslenn
Oil Company Thursday started coring operations below 3,200 feet on its Atkins No. 5 test in Section 3-18-13. It is expected that the test will reach the Urgana sand early next week. The well is located 330 feet north and 330 feet east of the southwest corner of the southwest quarter of the northeast quar-

North of El Dorado just outside the city limits in Section 21-17-15 the Sklar Oil Corporation of Shreveport reported to have bade location for a shalcoring will not be started until the test low test well to the Nacatosh sand. The ears the Morgan sand.

It was reported here that the well is company two weeks ago completed a small pumper in the Nacatosh sand at 3-18-16 in Union county.

The Lion Oil Refining Company and the Phillips Petroleum Company filed log of the deepened Edna Morgan No. 1 test located in the center of lot one in the southwest quarter of section 18-17 in Union county.

It was reported here that the well is small pumper in the Nacatosh said at checking "high" as compared with the discovery and it was thought likely that the sand may be encountered at a higher level than in the Lion's discovery well. The Marine well is located 330 feet east and 330 feet north of the southwest quarter of the southwest qu New Producer Added to Field northwest quarter of Section 18-18-17. the Sklar company is to drill in the

> Another deep test well destined to atler area is the Morgan B-1 test of the tract considerable interest is the Southern Kraft No. 1 wildcat test of W. D. Wingfield, El Dorado operator, which was spudded in early this week in Section 18-16-14. The well is between the Snow Hill deep area in Ouachita county, Smackover field and the Rainbow City deep area where a deep test was drilled by H. L. Hunt several years ago. of the west line and 330 feet north of The well is expected to be taken to the the south line of the northwest quarter Permian lime formation at about 4,800 the southeast quarter of Section feet in search of production. The test is located 330 feet east and 330 feet north of the southwest corner of the southwest quarter of the northwest

Wednesday and resumed drilling opera- surface casing was started about the

Casing Set on McCree No. 1. West of Camden in Ouachita county, H. H. Taylor of Tulsa, Okla., was reported to be drilling under surface casing on his Joe McCree No. 1 wildcat test in Section 21-13-19. The test is located in the center of the northwest quarter of the southwest quarter of the northwest quarter of the section. Exact depth of the well could not be learned.

Hempstead, Clark, Dallas, Franklin and Logan counties came in for attention this week with plans being made for wildcat tests to be drilled in each county. In addition operators were expected to have started operations on a Schuler, Lisbon Fields test well in Nevada county.

In Hempstead county about 10 miles south of Hope in Section 22-14-24, H. E. Moore of Tulsa, Okla., is reported to be planning a test to the Glen Rose lime on a 5,000-acre block about six miles north of two wells the company is drilling in Miller county near a producer completed by C. V. Lenz in the Garland City area.

Many Wells Scheduled.

West of Holly Springs in Dallas county operators from Port Arthur, Tex., are reported planning to drill a test in Section 35-10-16 on the Corrells land. The well is expected to be taken to 3,500

In Clark county, Carter and Burdick are rigging up for operations on their Ozan Lumber Company No. 1 test in Section 25-9-18 on a 6,000-acre block nine miles east of Gurdon. E. O. Olds of Camden is the drilling contractor.

Frank F. Silver is expected to start operations soon on his Chambers estate No. 2 in Section 17-2n-7 in the area where he drilled a well some time ago.

In Franklin county the Ozark Natural Gas Company of Fort Smith will drill two test wells, one in Section 13-8n-29w on the G. A. Sutherland land Most of the territory south and east and the other in Section 33-10n-26w on the H. R. Crowe land.
Six Permits Issued.

Six permits to drill new wells, one to plug and abandon an old test and one to plug back and perforate were issued this week by the state conservation department and logs of two wells were also

The Alice Sidney Oil Company of El

permit to drill the William Haynie No. 1 test located in the center of the northwest quarter of the southeast quarter of the northeast quarter of Section 5-14-20

in Nevada county.

W. D. Wingfield, trustee, of El Dorado, obtained permit to drill the Southern Kraft Corporation No. 1 test located 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

The Ozark Natural Gas Company of Fort Smith obtained permit to drill two tests in Franklin county. They are the G. A. Sutherland No. 1 test located in the center of the east half of the northeast quarter of Section 13-8n-29w and the H. R. Crowe No. 1 test located in the center of the southeast quarter of the northeast quarter of Section 33-10n-

26W The Carl B. King Drilling Company obtained permit to plug and abandon the E. H. Wolcott No. 1 test located 1,-320 feet south and 1,320 feet west of

29-13-21 in Nevada county.

The McCreslenn Oil Company filed log of the Hadley No. 3 test located 330 feet south and 330 feet west of the northeast corner of the northeast quarter of the southwest quarter of Section 3-18-13 in Union county. Oil News

In Two States Being Linked

Adjoin-New Locations in Arkansas.

Shreveport, La.—With completion of a second oil well in the Travis Peak in the Sugar Creek gas field. Claiborne parish, this week, and continued addition of producing wells in the Lisbon field of the same parish, north Louisiana's main oil operating interest continued to be fixed on the north Louisiana basin. These developments dovetail with the extensive geophysical exploration and leasing campaign which has developed in the basin since discovery of oil at Lisbon and in the Schuler area in section 18-18-17, Union county, Arkansas.

Another north Louisiana basin development of more than passing interest last week was the testing of 20 million feet of gas at 6,066-38 feet in Lide and Greer's No. 1 W. J. Smalley, section 18-16n-4w. Bienville parish, in a horizon that had not shown gas in either of the two preceding gas-distillate producers farther west in sections 12 and 13-16n-5w.

The new Travis Peak oil well in

The new Travis Peak oil well in Sugar Creek is United Gas Public Service Company and associates No. 1 Dobbins, section 12-19n-6w, one mile southeast of the No. 1 Warren Brown, section 1-18n-6w, recently completed as an oil well in the Travis Peak No. 1 Dobbins, at total depth of 5,776 feet, flowing 200 barrels of oil in eight hours after being acidized and was shut in awaiting erection of storage.

Four new wells in the Lisbon field, with two others swabbing oil The new Travis Peak oil well in

acidized and was shut in awaiting erection of storage.

Four new wells in the Lisbon field, with two others swabbing oil and heading, brought the total of officially completed oil wells in that field last week to 10. Thirteen new locations were made. One of the four new wells, a quarter-mile outside production, linked up to prongs of production in that part of the field and is one of the field wells so far completed there. It is Gulf Oil Corporation's No. 1 Eva Bennett, section 31-21n-4w, which flowed 500 barrels of net oil in 12 hours after being acidized, flowing through half-inch tubing choke.

The other wells officially completed are: Lyons and Neely's No. 1 Maggie Patton, section 31-21n-4w. 23 barrels per hour at 5.272 feet; Gulf's No. 1 H. E. Patton, section 36-21n-5w, 500 barrels per day at 5.324 feet: T. L. James and Company's No. 2 W. H. Patton, section 36-21n-5w, 400 barrels daily at 5.344 feet.

Red Iron Drilling Company and Scout Oil Corporation's No. 2 H. E. Patton, section 36-21n-5w, is heading 15 barrels per hour and Love Petroleum Company's No. 3 Patton, same section is swabbing oil. Atlantic Oil Producing Company, made first location for several years in this territory when it began moving

first location for several years in

this territory when it began moving in for No. 1 F. B. King, section 35-21-n-5w, in Lisbon.

C. R. Schuster and associates of California have purchased the controlling interest in E. T. Oakes, H. D. Easton et als. No. 2 Patton, section 1-20n-5w, and the 160 acres around it and made locations for four tests in that quarter-section this week. Consolidation was not disclosed.

disclosed.

Lyons and Neely made two new locations in Lisbon, Magnolia Petroleum Company, two, and Holly-field and McFarlene of El Dorado, Ark., made four locations. J. D. Carruthers et al. made location for No. 1 Aycock, section 6-20n-5w, half a mile south of production.

The Gulf Refining Company obtained the Meekin sand in the Sid Umsted "A" 24 located 1,980 feet north and 1,020 feet west of the southeast corner of Section 33-15-15 in Ouachita county. Alex Larson, trustee, filed log of the J. T. Wortham estate No. 1 test located 375 feet east and 210 feet north of the southwest corner of the southwest quarter of the northwest quarter of Section 29-13-21 in Nevada county.

disclosed.

Lyons and Neely made two new locations in Lisbon, Magnolia Petroleum Company, two, and Holly-field and McFarlene of El Dorado, Ark., made four locations. J. D. Carruthers et al. made location for No. 1 Aycock, section 6-20n-5w, half a mile south of production.

The Bulf Refining Company obtained to carruthers et al. made location for No. 1 Aycock, section 6-20n-5w, half a mile south of production.

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The Bulf Refining Company obtained to carruthers et al. made locations of El Dorado, Ark., made four locations. J. D. Carruthers et al. made locations of El Dorado, Ark., made four locations in Lisbon, Magnolia Petroleum Company, two, and Holly-field and McFarlene of El Dorado, Ark., made four locations. J. D. Carruthers et al. made location for No. 1 Aycock, section 6-20n-5w, half a mile south of production.

The Bulf and McFarlene of El Dorado, Ark., made four locations. J. D. Carruthers et al. made location for No. 1 Aycock, section 6-20n-5w, half a mile south of production.

The Bulf and McFarlene of El Dorado, Ark., made four locations of El Dorado, Ark., made four location

Exploration for deeper pay horizons continues at Rodessa, with one Marion county, Texas, outpost test having showings in a horizon below

having showings in a horizon below Rodessa producing zones, adding interest to this exploration. In what corresponds to the Petitt in Sligo, Bossier parish, Arkansas-Louisiana Gas Company's No. 1 Laura McIntosh, William Edmonson Survey, that was barren in the Rodessa zones, a showing of oil and gas appeared in cores from 6,644 to 6,665 feet and the test is coring below 6,692 feet. This test is two and one-half miles southwest of nearest production.

Oil News

Lisbon Rivals Rodessa Field In Activity

Eight Producers Added-Arkansas Records Two New Wells.

Shreveport, La.—The Lisbon field of Claiborne parish, which for the last fortnight has threatened to crowd Rodessa out of first place as the center of interest in north Louisiana oil fields, added eight wells this week to bring its total to 18 producers, but despite this, Rodessa snapped back into the lead with indications that the most consistent oil producer in the Marion county, Texas, end of the field had been added. Eight and one-half miles southwest of the proven part of Rodessa, and five miles northeast of Holcomb, Thomasson and associates' No. 1 Lizzie Henderson, R. Bennington survey, near Jefferson, small oil producer, the Hunter Company's No. 1 E. W. Fonda, A. de los Santos Coysurvey, Marion county, was completed, flowing 15 barrels of oil per hour, still with some wash water appearing, through seven-sixten pressure

still with some wash water appearing, through seven-sixteenths-inch tubing choke, with casing pressure 325 pounds and tubing pressure neutralized, at total depth of 6,096 feet. The well was washed for several hours and then rocked with gas when it began heading oil and then started to flow steadily. The well is far enough away from the fault to find oil instead of gas-distillate as did Bauman, Dunn & Fisher's No. 1 Susie Chatten, same survey, completed recently at 5,955 feet. The Hunter well checked 40 feet lower than Holcomb, Thomasson et al.'s Jefferson well and 45 feet lower than Arkansas-Louisiana Gas Company's No. 1 W. S. Ford, Charles B. Grayson survey.

survey.
R. W. Norton's No. 1 Payne, Section 27-23n-16w, proposed 10,000-foot test, was coring below 9,630 feet aft-

ton 27-23n-16w, proposed 10,000-100t test, was coring below 9,630 feet after drilling plug in seven-inch casing, cemented at 9,254 feet, and United's No. 1 J. W. Land, Robert Potter survey, Cass county, Texas, was coring below 7,158 feet. On the southwest edge of Rodessa proper, Arkansas-Louisiana Gas Company was preparing to drill in No. 1 George, W. R. Meyers survey.

Lisbon continues to gain momentum and has 23 active operations under way. Stimulus to exploration to the south of the discovery well, which has been negligible, was spurred last week when the discovery well, completed at 5,373 feet by E. T. Oakes, H. D. Easton et al. last December, was acidized and showed indications of being as good as any well in the field. Previously it had never made over 200 barrels daily, although having more sautrated for-

well in the field. Previously it had never made over 200 barrels daily, although having more sautrated formation than any well in the field.
Oakes and his associates recently sold the discovery well to C. R. Schuster and associates of California, who acidized the discovery well and are rigging up four additional tests in this 160-acre tract.
Gulf Oil Corporation, which recently laid the first pipe line to the field, now has five oil producers. All of the wells of the field are being held strictly to the 300-barrel daily pro rata allowable.
United Gas Public Service Company and associates last week opened their No. 1 Robbins, Section 1-19n-6w, Claiborne parish, Sugar Creek field, and the well flowed 245 barrels in 12 hours through quarter-inch tubing choke, this being the second oil well for that field, both oil producers being in Travis Peak. They are deepening No. 1 Carter Unit, Section 32-20n-5w, to the Travis Peak.
Most important of the Lisbon producers added last week was DeArmand & McMillan's No. 1 Roberta Yaughan, Section 26-21n-5w, flowing 456 barrels in 24 hours through quarter-inch tubing choke at 5.313 feet, extending production 660 feet north. Gulf Oil Corporation made location for No. 1 Henry, Section 31-21n-4w, one-half mile outside production.

Harmon & Greenwall of Monroe

Harmon & Greenwall of Monroe La., have assembled 5,000 acres in Union parish around Section 18-19n-le, for a Glen Rose lime test. American Liberty Oil Company has reported negotiations for Arkansas-Louisiana Gas Company No. 1 Causey, Section 32-19n-2w, Lincoln parish, with a view to deepening to the Travis

assigned part of his 16,000-acre block in Tensas parish to Sherrouse & Snyder, who have large holdings in Franklin parish and recently acquired acreage in Township 13 North, Ranges 10 and 11 West, on which a test is planned by July 15. H. D. Easton continues to add to a block for Belmont Quadrangle Drilling Company around Section 21-19n-4w, Lincoln parish, now having over 12,000 acres for a 6,000-foot test to 12,000 acres, for a 6,000-foot test to start by June 10.

H. D. Easton, R. P. May and C. E. Murdock, the two former of Shreveport and the latter of El Dorado, Ark., announce location for a 4,500-foot test, No. 1 R. M. LaGrone, Section 5-12-28w, Hempstead county, Ark. E. H. Moore made location for No. 1 O'Dale, Section 19-15-24, north of Lewisville, Ark., in Lafayette

As a result of the discovery of oil at Schuler, Union county, in Lion Oil Refining Company's Edna Morgan 1, Section 18-18-17, leasing still continues in counties adjoining Union county. In Columbia county, Robert Section 18-18-17, leasing still continues in counties adjoining Union county. In Columbia county, Robert Keen is assembling a block in Township 16, Ranges 20 and 21, and in the same county P. N. Wiggins is leasing in Township 18, Range 20. L. A. Longino has leased approximately 2,000 acres in Townships 15 and 16, Ranges 20, 21, 22 and 23. Texas Company has been taking some leases recently in Lafayette county, in Township 16, Range 23, and 11 miles east of Stephens J. E. Childers continues to lease in Township 15, Ranges 17 and 18.

In Union county, Lion Oil Refining Company has been taking some leases around Section 27-12-12. In the Schuler area, Standard of Louisiana took some leases in Township 18, Ranges 17, from C. E. Murdock. Arkansas-Louisiana Gas Company has been leasing around Section 23-18-17, and Gulf Oil Corporation around Sections 3-19-17 and 24-18-17. Two new locations were made in Miller county—C. E. Brower, Texar-

Two new locations were made in Miller county—C. E. Brower, Texarkana, C. H. Sarter 1, southeast corner NE NW 15-20-28; C. H. Sarter 2, southwest corner NE NW 15-20-28 (this being a fractional section).

OIL NEWS

Interest To Center On Justiss No. 1 Gazette

ion county, west of El Dorado, is expected early next week following setting of casing this week in the Justiss No. 1, test of the Marine Oil Company in Section 18-18-17, a north off-set to the discovery Edna Morgan No. 1 producer of the Lion Oil Refining Com-

to be completed by the Marine Company because of the better showing in oil sands encountered in cores taken earlier this week. The oil showing in cores was of such nature that operators decided not to make the usual drill stem test

before setting casing. There is a 30 foot difference in elevation in the Lion's discovery well and the Marine's test with the Justiss well being at a 30-foot higher elevation than the discovery well. Despite the difference in elevation the Marine well en-

countered the oil sand at a lower level than did the Lion in the Morgan well. The Marine Company Thursday night et casing at a depth of 5,660 feet after taking a series of seven cores starting at a depth of 5,536 feet.

Fifth Core Brings Results. The first core was taken from 5,536 and lease play to 5,554 feet with no oil sand being that direction. shown. The second core was taken from 5 554 to 5.564 feet showing broken sand and shale with a little gas showing. The third core was taken from a depth of 5,564 to 5,578 feet with no showing and no showing was obtained in the fourth core from 5,578 to 5,589 feet. The fifth core was the first to make any oil showing. It was from a depth of 5,589 to 5,598 feet with a nine-foot recovery. The top two feet of the core was green shale. The next four feet was broken sand with a strong gas showing and a little oil and th last three feet of the core showed heavy oil saturation with good poros-

The next core was taken from a depth of 5,598 to 5,610 1-2 feet with a 10 and one-half foot recovery. The top five feet of the core showed five feet of broken shale and the bottom five and one-half feet was a heavy saturated oil sand indicating two separate oil sands separated by a five foot strata of broken shale.

Heavy Saturations in Final Core. The final core from a depth of 5,610 1-2 to 5,625 feet showed four feet of havy saturated oil sand, a continuation of the sand encountered in the previous core, and the remainder of the recovery was broken shale.

The three-foot sand was encountered at 5,595 to 5,598 feet and the second sand

No. 1 O'Dale, Section 19-15-24, north of Lewisville, Ark., in Lafayette county, for a deep test.

Easton & May have a block of approximately 6,500 acres centering around Section 5-12-26, Hempstead county. These operators drilled two tests in this county in 1936.

In the same county, E. H. Moore is making hole in Porterfield No. 1, Section 21-14-25, for a test that is expected to go to at least 6,000 feet.

E. O. Olds has been given contract for a 3,500-foot test to be drilled two miles north of Saratoga, Ark., in Howard county, on a block secured by Tomer Tison and in which Reynolds and associates later secured an interest.

gas sand and the oil sand below gave way and it is believed by operators that a large part of the gas production of the Lion well is coming from the high pressure gas sand above the oil sand.

State conservation regulations require that casing be allowed to set for five days before the plug is drilled and it was believed likely that operators may the pipe set longer than that. After the plug is drilled, the casing will be per-forated at the level of the sands and final testing started which is expected

to be about the middle of next week. The Marine test is a north off-set to the Lion's discovery well and is located 330 feet east and 330 feet north of the southwest corner of lot seven in northwest quarter of Section 18-18-17. The Lion's discovery well is located 1,980 feet north of the south line and 4,237 feet east of the west line of the southwest quarter of Section 18-18-17.

Morgan B-1 Below 5,200. Another test in the Shuler area nearing the interesting stage is the Morgan B-1 test of the Lion company, an east off-set to the discovery well. The secoff-set to the discovery well. The second test was drilling below 5,200 feet the second producer in the new deep sand area in the Shuler section of Unline and 330 feet north of the south line of the northwest quarter of the southeast quarter of Section 18-18-17.

Alice Sidney at 4,000. In the same section but about half a mile east of the Lion's discovery well the Alice Sidney Oil Company, Dr. J. S. Rushing, trustee is drilling below 4,000 Rushing, trustee is drilling below 4,000
be completed by the Marine Company

1 test 330 feet east of the west line cause of the better showing in oil and 330 feet east of the west line cause of the better showing in oil and 330 feet east of the west line cause of the better showing in oil and 330 feet east of the west line cause of the better showing in oil and 330 feet east of the west line cause of the better showing in oil and 330 feet east of the west line cause of the better showing in oil and 330 feet east of the west line cause of the better showing in oil and 330 feet east of the west line cause of the better showing in oil and 330 feet east of the west line cause of the better showing in oil and 330 feet east of the west line cause of the better showing in oil and 330 feet east of the west line cause of the better showing in oil and 330 feet east of the west line cause of the better showing in oil and 330 feet east of the west line cause of the better showing in oil and 330 feet east of the west line cause of the better showing in oil and 330 feet east of the west line cause of the better showing in oil and show the showing in oil and the cause of the better showing in oil and the cause of the better showing in oil and the cause of the better showing in oil and the cause of the better showing in oil and the cause of the better showing in oil and the cause of the cause of the better showing in oil and the cause of the better showing in oil and the cause of the cause of the better showing in oil and the cause of the better showing in oil and the cause of the better showing in oil and the cause of the better showing in oil and the cause of the better showing in oil and the cause of the better showing in oil and the cause of the better showing in oil and the cause of the better showing in oil and the cause of the better showing in oil and the cause of the better showing in oil and the cause of the cause of the better showing in oil and the cause of the better showing in oil and the cause of the cause of th and 330 feet south of the north line of the northeast quarter of the southeast quarter of of Section 18-18-17. The Alice

J. Edward Jones staked location for a

Leasing Activity Spurts.

Field followers have expressed the opinion that the producing area may extend north in the vicinity of Mt. Holly and lease play is expected to extend in that direction.

Hollowing at this formation.

In the Douglasville area of Cass county, J. G. Puterbaugh's Doorley No. 1, Calloway Davis survey, Glen Rose lime test, was drilling below 6,275 feet lime test, was d

Dorado that H. L. Hunt, East Texas and one and a half mile northwest of Ra-Arkansas operator, is planning to drill vena, L. Deaton et al made location a test in Section 7-18-18 or north of the discovery well if the Ma- Taylor survey. rine well is completed for a good producer. The Gulf Refining Company a parish, H. L. Hunt & Seaboard Oil Company made location for a new drill a test well about these pulsars. drill a test well about three miles north North Louisiana wildcat at Good Pine and east of the discovery well if the No. 1, Section 30-14-5. Marine should complete a producer. It parish, Belmont Quadrangle Drilling is expected that several additional locais expected that several additional locations will be made in the area if the ablock of 12,000 acres.

Wingfield is drilling on his Southern Kraft No. 1 wildcat test in Section 18-16-14 northeast of El Dorado. After a 16-14 northeast of El Dorado. After a nearest producers and Pearl Oil Corshort shutdown Thursday to repair poration of Houston made location for levees around the mud pits, operators Brown No. 1, Section 16-9-13, one mile on the well resumed drilling operations below 2,350 feet. The well is located 330 below 5.000 feet.

test drilled in Arkansas. The deepest test to date is the Louis Werner Sawmill Company No. 1 wildcat in Griffin area of the Smackover field in Union county by the Gulf Refining Company. The well was drilled below 8,000 feet before it was abandoned as a dry hole.

The Standard's proposed deep wildcat test will be the Sarah Harvey No. 1 and will be located in the center of the southwest quarter of the southwest quar-

ter of Section 33-16-26.

Another wildcat test has been announced for Ouachita county to be drilled by Copenhaver and associates of Camden. The test will be the J. E. Evans No. 1 and will be located 330 feet south and 330 feet west of the northeast corner of the northeast quarter of the southwest quarter of Section 20-11-19 Reader about four miles northwest of Chidester.

Another wildcat test will be drilled in the Holly Springs area of Dallas county The test will be the Sorrells No. 1 and will be located in the center of the southeast quarter of the southeast quarter of the southwest quarter of Section 35-10-16. Operators will be J. C. Voyles, R. A. Harmon and J. C. Kelly.

Log of one well was filed with the state Conservation Department this week. It was filed by the Imperial Oil and Gas Products Company for the Eliza W. Foster No. 1 test, located 158 feet east and 330 feet north of the southwest corner of the north half of the southwest quarter of Section 35-12-26 in Hempstead county.

New Lisbon Field Draws Play In North Louisiana.

Special to the Gazette.

Shreveport, La., May 22.—The new Lisbon field of Claiborne parish con-Lisbon field of Claiborne parish continued as North Louisiana's most active area during the past week. Many locations were staked and operations started for wildcat wells.

Producers in the Lisbon area were boosted to 21 this week and 25 wells were drilling. Main attention in the area as the week closed centered on

area as the week closed centered on testing at J. B. Bond's Patton No. 1, NW NW Section 36-21-5, at 5,265 feet. It is one-half mile northwest of production. On further northwest of production, DeArman and McMillan made locations for four tests on the H. W. Patton tract in Section 26-21-5; for McDonald No. 1, Section 31-21-4, outside of production to the northeast; and Henry Hanbury for McDonald No.

1, Section 31-21-4. Launching of a extensive drilling campaign in the Hunter Company's No. 1, A De Los Santos Coy survey of Marion county (Texas) a southwest extension of production along the Jefferson-Rodessa fault, was expected shortly. The Hunter Company staked location for a No. 2 Fonda 632 feet northwest of the pro-Arkansas-Louisiana Gas Co. ducer. Fohs Oil Company and Mid-Continent

Sidney has three other locations for tests on the 40-acre lease but no announcement has been made by officials of the company for additional tests pending outcome of the first test.

J. Edward Jones staked location for a new outside test at Louisiana Real Estates No. 1, Section 4-23-16 and Surf Oil Co. for L. O. Allison No. 1, Section 6-23-16. This is also outside of production.

Just west of Jefferson, Marion coun-Expected completion of the Marine's ty, Arkansas Louisiana Gas Company's test for a larger producer than the Lion's well has resulted in a spurt in drilling below 5,275 feet, after logging lease trading north of the Lion's well first stringer anhydrite at 5,182 feet, whereas heretofore most of the play has been south and southeast of the discovery well.

Although no official announcement has been made, it has been reported in El 6,500 feet. In northeast Cass county, 8-18-17 for a new wildcat at Peal No. 1, James

Marine completes a good producer.

While chief interest in south Arkansas centers in the Shuler area, W. D. Sabine parish, Windsor Oil Co. of Sabine parish, Windsor Oil Co. of Houston made location for Elliott No. Section 17-9-13,

from production. In northeast Rapides parish, C. L feet north and 330 feet east of the south- Decker et al of Houston, Tex. spudded west corner of the southwest quarter of and set surface casing in a new wildthe northeast quarter of the section cat at Lee Lumber Co. No. 1, Section and is expected to be drilled to a depth 21-5-3E. In Grant parish, east of Colfax. Fair & Thompson spudded R. L.

Gay No. 1, Section 46-6-3, located on a spread of about 2,700 acres.

East of Leesville, Vernon parish, Sam Merrill et al of Houston, Tex. have assembled a block of approximately 5,000 acres centering around section 24-2-9, for contemplated 6,000 foot operation.

The Webster parish wildcat of H. W. Bass Drilling Co. at Crichton No. 1, Section 21-20-9, was abandoned this week below 6,350 feet with no shows reported encountered. Also in Webster, on the southwest flank of the Cotton Valley field, Standard's Stewart 1, Section 32-21-10, was drilling ahead below 5,000 feet, checking favorably for producer on top of first anhydrite section.

Oil News

Lisbon Field Still Center Of Activity

Arkansas Developments.

Arkansas Developments.

Oil development news in Arkansas last week was featured by announcement of Standard Oil Company of Louisiana of location for a proposed 9,000-foot test in Miller county, five miles south of the shallow Garland City field in that county between that area and the Rodessa field. The new test, on a geophysical location, is No. 1 Harvey, section 33-16s-26w.

Leasing activity in south Arkansas

Leasing activity in south Arkansas border counties, spurred by the recently opened Schuler field, continues at a brisk pace. L. H. Simpson of Mexia, Texas, is leasing in townships 17 and 18, ranges 24 and 21, Columbia county. Frank Bryant in the same county has taken some of the leases recently acquired by L. A. Longino in township 17, ranges 19, 20 and 21. Standard of Louisiana is leasing in township 16. range 22, extending into La Fayette county. Atlantic Oil Produiing Company has been shooting recently in townships 16 and 17, ranges 19 and 20. J. T. Walker of Shreveport, La., has a block of 6,000 acres around township 19, range 21. J. C. Kelly. R. C. Harmon and J. C. Voyles have made location for another test in section 33-10-16, Dallas county, where they drilled a test several months ago to 2,065 feet.

J. D. Reynolds and W. S. King Leasing activity in south Arkansas

J. D. Reynolds and W. S. King have assembled a 6,000-acre block around section 34-11-17, Ouachita county, for a 3,000-foot test to start by June 26.

After drilling to total depth of 5,-660 feet, Marine Oil Company's No. 1 M. Justiss, lot 7, section 18-18-17, Union county, Ark., north offset to Lion Oil Refining Company's No. 1 Edna Morgan, same section, discovery well at Scholer, was preparing to run electrical tester this week. preparatory to setting seven-inch casing. This test logged about 12 feet of saturation, most of it in cores from 5.589 to 5,610 feet. The discovery well is producing from 5.559 feet in either lower Travis Peak or upper Parmian. Lion's No. B-1 Edna Morgan, same section. is corning below 5,150 feet and Alica Sidney Oil Company's No. 1 Morgan, same section, is drilling below 4,000 same section, is drilling below 4,000

series section is driving below 2,000 feet.

Shreveport—Two oil wells in the Sligo field, Bossier parish, are included in the list of north Louisiana completions this week, which outside of the Lisbon and Rodessa fields, totaled nine, including a chalk rock oil producer in Caddo parish, these being the only oil wells completed in this area during the sevenday period, expect an oil well in the Travis Peak horizon of the Sugar creek field, Claiborne parish. There were two completions in Arkansas, both wildcat failures, as follows:

Miller county—E. H. Moore, Inc., No. 2 Dale, section 24-15-26, dry, abandoned at 4,270 feet.

Nevada county—G. H. Vaughn. No. 1 Christopher. section 3-14-20, dry, abandoned at 4,335 feet.

Daily average production in the new Lisbon field of Claiborn Parish, La., shot up to 5,948 barrels last week, nearly three times the runs of the preceding seven-day period and boosted daily average produc-tion in north Louisiana to 77.209

Arkansas' average was 27,136 bar-rels last week being divided among the districts of that state as follows (in barrels): El Dorado, 1,609; Calion, light, 1,550; Calion, heavy, 1,800; Smackover, light. 2,309; Smackover, heavy, 16,693; Lisbon. 265; Nevada county, 1,490; Stephens, 567; Miller county, 519; Shuler, 320. and Camden, 14.

Daily average production last week by districts in north Louisiana outside Lisbon follows: Caddo light, 4,034. Caddo, heavy, 2,454; Rodessa (Louisiana side), 49,476; Red River-DeSoto, 1,496; Elm Grove and Sligo,

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Week Lacking Excitement in **Either State**

Democrat 5-30-37 Lisbon Allowable Increased-Arkansas Gets Small Pumper.

Shreveport, La.—The Lisbon field, which was given an increased allowable of 5,300 barrels for the month of June, over the one thousand-barrel allowable prevailing during May, and which now has 23 producing wells, this week saw completion of

wells, this week saw completion of bottom hole pressure surveys in the field that in all cases of wells to each 20 acres, the present spacing rule in the field, gave some increase to the individual wells.

Based three-fourths on acreage and one-fourth on bottom hole pressures, the Louisiana Conservation Commission not only announced allocations for the present 23 producers but for 24 others that are in immediate prospect in that area. Another

but for 24 others that are in immediate prospect in that area. Another bottom hole pressure survey will be made by June 15 as a basis for allowables for July.

Of the 6,300 barrels allowable for June at Lisbon, 4,725 barrels is based on acreage and 1,575 barrels on bottom hole pressure. The area allotted to oil wells was 398.7 acres, the acreage factor being one acre to each 11.851 barrels. Total bottom hole pressure for the field was 37.674 pounds and the total gas limit for the field was set at 13,599,000 cubic feet daily. None of the wells is exceeding the gas-oil ratio of 2,000 to 1.

The Rodessa field (Louisiana side)

The Rodessa field (Louisiana side) under the June pro-ratio was given 50,000 barrels, the same as for May, but the "augmented field allowable" was placed at 66,000 barrels, alloted equally on a basis of acreage and bottom hole pressure.

Deeper possibilities of production at Rodessa wereenhanced to come extent when United Gas Public Service Company's No. 1 J. W. Land, Robert Potter survey, Cass county, Tex., showed for an estimated five to seven million foot gasser in basal Glen Rose, below the Rodessa producing horibons, at 6,520-25 feet, after being plugged back to 6,530 feet from old total depth of 7,255 feet. Pressure on tubing and casfeet. Pressure on tubing and casing was equalized at 2,000 pounds but no accurate gauge was secur-

Hope of exending Rodessa production into Miller county, Ark., appeared dark this week with W. L. McClanahan et al.'s No. 1 Capps, section 11-20-28, drilling below 5,235 feet and reportedly checking low.

Burford and associates of Dallas, Tex. last week made leastion for a last week made leastion.

Burford and associates of Dallas, Tex., last week made location for a 6,500-foot test, No. 1 Nanna, section 34-17n-4w, Lincoln parish, two miles north of the Simsboro gas area and between it and H. D. Easton et al.'s No. 1 G. W. Dye, section 21-19n-4w, that spudded last week for a 6,000-foot test. Whitehurst et al. made location for a 6,000-foot test, No. 1 Le Loag, section 25-12n-11w, Red River parish, in the old Bull Bayou field.

A southeast offset, Lion's No. B-1 Edna Morgan, same section, tested 11 thribbles of oil and two of mud and drill water at 5.532 feet, but was coring for another saturated zone. Alice Sidney Oil Company's No. 1 Morgan was drilling below 5,460

A 4,500-foot wildcat test for Ouachita county, Ark., is planned by W. B. Street and Walter Lown on a block they are taking in township 14, ranges 17 and 18.

Pohn Oil Company has been takrolling Company has been taking scattered leases in Columbia county, townships 17 and 18, ranges 19 to 21. Robert Keen plans to go to 5,000 feet in No. 1 Runyan, section 1-16-21, Columbia county, where derrick is up. Bryan Payne of Tyler, Tayas is leasing around township 17. Texas, is leasing around township 17, range 20, Columbia county. Phillips Petroleum Company has secured an extension until July 1 for its Permian lime test in section 18-17-9. Ashley county, where location was recently under water for some time. Lion Oil, Marine Oil Company and others have been taking some elases recently around section 1-18-16 around section 1-18-16.

Two good pumping oil wells were completed during the last week in the Converse field of Sabine parish, the only oil wells added in north Louisiana outside the Rodessa and Lisbon fields. Arkansas added one small well, a 10-barrel pumper in a recent extension of the Troy field, Nevada county.

North Louisiana's completions fol-

Morehouse parish (Monroe) -Southern Carbon Co., No. 3 Miles, section 36-21n-4e, 2,000,000 feet gas at 2,227 feet.

Red River parish—F. G. Goelz, No. 1 Teekel, section 34-13n-10w, salt water, abandoned at 1,027 feet.

Sabine Parish (Converse)—Producers Oil & Gas Co., No. 5 Edwards Estate, section 29-9n-13w, pumping 75 barrels oil daily at 1.739 feet; W. G. Ray Drilling Co., No. 3 A. J.

Burkett, section 10-9n-13w, pumping 55 barrels oil daily at 1,525 feet.
Webster Parish—N. V. Duncan et al, No. 1 G. T. Baker, section 9-23n-9w, salt water, abandoned at 3,250 feet; Bass Drilling Co., No. 1 T. Crichton, section 21-20n-9w, dry, abandoned at 6,420 feet.

Arkansas' completions follow:

Clark county-Carter & Burdick, No. I Ozan Lumber Co., section 25-9-19, dry, abandoned at 1,525 feet. Nevada county—Bruce E. Wallace, No. 2 William Haynie, section 6-14-20, pumping 10 barrels oil daily at 1,166 feet.

Daily average oil production in the Lisbon field of Claiborne and Lincoln parishes averaged 5,600 barrels last week, a drop of 348 barrels from the week before. North Louisiana's average for the last week, including the Louisiana side of Rodessa, was 75,000 barrels.

Arkansas' average was 27,132 barrels. Daily average production by districts in Arkansas follows (in barrels): El Dorado, 1,599; Calion, light, 1,535; Calion, heavy, 1,790; Smackover, heavy, 16,743; Lisbon, 276; Nøvada county, 1,515; Stephens, 558; Miller county, 495; Shuler, 325; Camden, 15.

Oil News

Is Regarded As Assured

Arkansas Field Tops News in Weekly Three-State Review.

Shreveport, La.—A new field of major importance for Arkansas was assured this week when the second oil producer for the Shuler district, Union county, was completed by Marine Oil Company in No. 1 M. Justiss, lot 7, northwest corner of section 18-18-17, after perforating casing set at 5,660 feet, and flowing 70 barrels per hour through one-inch tubing choke.

completed last week for a 6,000-foot test. Whitehurst et al. made location for a 6,000-foot test, No. 1
Le Long, section 25-12n-liv, Red River parish, in the old Bull Bayou Liston's limits were extended one location in two directions this week. Extending the field across the Claiborn in two directions this week. Extending the field across the Claiborn in two directions this week. Extending the field across the Claiborn in two directions this week. Extending the field across the Claiborn in two directions and some production in two directions are section, already having shown for production and Alice Sidney and the other in the old Naborton field, Despits, and the other in the old Nabor

Magale is also considering deepening F. W. Burford's No. 1 Kendrick, section 7-19-18, drilled to 5,417 feet in the Travis Peak. Texas Company is leasing in township 18, ranges 21 and 22, and Magnolia Petroleum Company is taking acreage recently acquired by L. A. Longino.

Lion Oil Refining Company has taken all the producing properties of Ohio Oil Company in Arkansas, except in the Stephens field, which

use of acid had only three feet of saturation but it made a good pro-Independents and major companies

ducer.

Independents and major companies continue to buy small amounts of acreage where the trend of production appears to go. W. H. North of Shreveport paid \$14,000 cash for ne se section 1-20n-5w, and J. W. Love paid \$10,000 cash and \$15,000 from one-eighth of production for ne ne 31-21n-4w, United Gas Public Service Company continues to add to its block around section 13-21n-5w. The Travis Peak oil producing horizon of the Sugar Creek field, also in Claiborne parish, was extended two miles northeast in the direction of Lisbon last week when United Gas Public Service Company's No. 1 Carter Unit, section 32-20n-5w, was completed at 5,748 feet in Travis Peak, flowing 45 barrels of oil per hour. It was shut in for tankage. Two previous oil wells, and three gas wells have been completed in the Travis Peak of this field, both of the previous oil wells being added after acid was used and quickly dropping in production. Flank drilling for Travis Peak oil production will be greatly stimulated by the new well.

Arkansas-Louisiana Gas Company

Arkansas-Louisiana Gas Company

Arkansas-Louisiana Gas Company last week made location for a 3,000-foot test in Franklin parish in No. 1 Hardwood Timber Co., section 8-11-10e, Franklin parish, on a large block on which a series of core holes has just been completed.

The Rodessa field continued in the doldrums last week. On the northeast edge of production. Drillers, Incorporated, was swabbing 75 per cent salt water in No. 1 Glassell-Means, section 9-23n-15w, in the Young at 6,075 feet. In the Jefferson are and Marion county, Texas, Arkansas-Louisiana Gas Company's No. 1 C. C. Braden, Thomas Hanson survey, after showing for a gasser in the Gloyd at 5,970-83 feet, logged a salt water core at 6,984 feet, and was arranging to drill ahead, possibly to the Travis Peak.

The bright spot of Rodessa was the eight and one half mile automated.

the Travis Peak.

The bright spot of Rodessa was the eight and one-half mile outpost area in Marion county where the Hunter Company recently completed No. 1 E. W. Fonda, A de los Santos Coy survey as a 283 barrel well in the Gloyd at 6,096 feet. Offsets have already been spudded by this company, by Arkansas-Louisiana Gas Company and by Fohs Oil Company, with materials moving in for new operations by Mid-Continent Petroleum Company, and by United Pro-

eight are listed as "dead."

Production Gains.

Only two small oil wells were completed last week in North Louisiana outside of the Rodessa and Lisbon fields, one being in the old Pine Island field, Caddo parish, and the other in the old Naborton field, Desoto parish.

Arkansas aside from the new well.

OIL NEWS

were retained for their deeper producing possibilities. The consideration was not disclosed. J. C. Strahan claims an oil show at 2,349 to 2,354 feet in No. 1 Dierks Lumber Company, section 21-12-28, Little River county, Ark., and is arranging to test. The lisbon field in Claiborne and Lincoln parishes added seven new wells last week to boost the total number of producers there to 30 and this field continued the most active in north Louisiana. Wells to the east and southeast in Lisbon continue to be completed with from 12 to 17 feet of saturation, but north edge tests continue to show a pronounced thinning out. A north edge well completed last week after use of acid had only three feet of saturation but it made a good producer. Shuler Tests To Be Drilled

Special to the Gazette. 6-6-37

El Dorado, June 5.—An extensive drilling campaign approaching "boom" proportions is expected to get under

way soon in the Shuler deep sand area of Union county west of El Dorado. Two producers have been completed, two others are nearing completion and permits have been issued or locations made for at least nine other tests. Ru-mors are circulating in El Dorado that two additional tests will be drilled about two or three miles north and east of the present production.

Two Wells Draw Interest.

The two tests being watched with the most interest now are the Morgan B-1 test of the Lion Oil Refining Company and the D. S. and J. C. Morgan No. 1 test of the Alice Sidney Oil Company, Dr. J. S. Rushing, trustee, which are expected to be completed for large producers in about a week or 10

Testing Indicates Large Producers.

Following highly successful drill stem tests which indicated large producers, operators on both tests are continuing coring and testing operations for a thorough test of the "section" through

which the wells are now being drilled.

Late last week in a drill stem test from 5,585 feet to 5,598 feet the Morgan B-1 test of the Lion Oil Refining gan B-1 test of the Lion Oil Refining Company shot oil and drilling fluid over the top of the derrick and gave indications that it would produce at least 2,500 barrels a day. In the test the well built up a pressure of 90 pounds in half a minute after the tool was placed in the bottom of the hole and in 12 minutes the oll and drilling fluid began shooting up in the derrick and the flow continued until the drill

stem was broken down.

Operators were reported late this week as planning to drill to below 5,800 feet for a thorough testing of all formations in the section. The cores taken below the oil sand have shown broken sand and shale. Operators said that more than 80 feet of rich oil sands and

operations by Mid-Continent Petroleum Company, and by United Production Corporation.

One-hundred eighteen wells at Rodessa are showing salt water, of these
99 are on the Louisiana side and
eight are listed as "dead."

Products of the test had cored well
saturated oil sand for almost the entire distance from 5,531 to 5,568 feet
with only a few "breaks" of shale. Coring operations for a thorough testing
of the formation. It had previously been announced that operators would casing Wednesday for final testing but

A 2,912 barrel increase in the daily average oil production of the Lisbon for No. 2 M. Justiss. Charles Murphy et al made location for No. 1 First National Bank, northeast northeast, section 19-18-17.

Leasing activity in Columbia county, immediately west of that part of Union where Shuler is located continuous brisk. W. G. Ray Drilling were dependent of company has agreed to deepen Magale and Elam's No. 1 Garrett, section 13-17-20 from 4,004 to 6,000 feet or drill a 6,000-foot test. Magnolia, Lion, Shell and Phillips have acreage in this area.

Prank Bryan who has been leasing in and around section 30-17-19 is Truning leases to Tidewater Associated the Magnolia and around section 30-17-19 is continuous districts for other Arkansas fields follows: El Dorado 1,528; callon, light, 1,520; Callon, heavy, 1,-turning leases to Tidewater Associated Colling and around section 30-17-19 is callon, light, 1,520; Callon, heavy, 1,-turning leases to Tidewater Associated Colling and around section 30-17-19 is callon, light, 1,520; Callon, heavy, 1,-turning leases to Tidewater Associated Colling and around section 30-17-19 is callon, light, 1,520; Callon, heavy, 1,-turning leases to Tidewater Associated Colling and around section 30-17-19 is callon, light, 1,520; Callon, heavy, 1,-turning leases to Tidewater Associated Colling and around section 30-17-19 is callon, light, 1,520; Callon, heavy, 1,-turning leases to Tidewater Associated Market Colling and around section 30-17-19 is callon, light, 1,520; Callon, heavy, 1,-turning leases to Tidewater Associated Market Claison and Lisonom the discovery well as a south off-set to the Justiss No. 1 producer of the Market discovery well as a south off-set to the Justiss No. 1 producer of the Market discovery well as a south off-set to the Justiss No. 1 producer of the discovery well as a south off-set to the Justiss No. 1 producer of the discovery well as a south off-set to the Justiss No. 1 producer of the southwest during the associate of the discovery will be the southwest during

of Section 18-18-17.

The same company is also reported to be planning to drill a test south of the Lion's discovery well in lot 7 in the southwest quarter of Section 18-18-17

The Phillips company has large holdings in the Shuler area and drilled discovery well to a depth of 4.270 feet before abandoning it. The test was completed by the Lion company with the Phillips retaining half interest in

The company is reported to have staked location for a test to be drilled in the southwest corner of the south-east quarter of the northeast quarter of Section 18-18-17 as a north off-set to

the Alice Sidney No. 1.

The Marine Oil Company has an nounced plans to drill Fee No. 1 in the southwest corner of the northwest quarter of the southwest quarter of Section 17-18-17 as an east off-set to the proopsed Alice Sidney No. 2 test.

Jones to Drill for Murphy. Edwin M. Jones, East Texas and Arkansas independent operator, has obtained permit to drill the Murphy Land Company No. 1 test to be located in the northwest corner of the northeast quarter of the northeast quarter of Section 19-18-17 about half a mile south of the Alice Sidney No. 1, Rigging up has been started and drilling is expected to get under way soon. Jones and C. H. Murphy, El Dorado banker, have extensive holdings in the Shuler area drilling in the new field. Jones is re-

driling in the new field. Jones is reported planning to move six drilling rigs here from East Texas.

Another outpost well will be drilled by the Alice Sidney Oil Company on the Powledge estate in Section 7-18-17, about three quarters of a mile north of the company's No. 1 test. The well will be the Powledge No. 1 and will be located in the southeast quarter of the southeast quarter of the southeast quarter of the section. Operators are reported to have started rigging up on ported to have started rigging up on the test and operations are expected to get under way in a short time.

Justice No. 1 Pinched Back.

The Justiss No. 1 test of the Marine Oil Company, completed last week as a producer of from 2,000 to 2,400 barrels of oil per day, has been pinched back and is flowing about 1,200 barrels of oil through a three-quarter inch choke on the tubing. Gas from the well is being burned as a flare. Oil from the well is sold to the Lion and shipped through the Lion's pipe line to the refinery here. The Justiss test is located 330 feet east of the west line and 330 feet north of the south line of lot 7 in the northwest quarter of Section 18-18-17.

Root Laying Pipe Line.

The Root Refining Company this week began construction work on a sixinch pipe line to the new Shuler area. The line is expected to be completed in a week or 10 days. The line will be 14 miles long and will tie in with the company's line to the South field. The oil will be used in the company's refining plant here.

Wingfield Drilling.

While most of the interest in Union county centers around the Shuler area, W. D. Wingfield and associates are going ahead with drilling operations on their Southern Kraft No. 1 wildcat deep test in Section 18-16-14, which is expected to be taken below 5,000 feet. The well is drilling below 3,000 feet. The test is located on a line between the Snow Hill deep area in Ouachita county and the deep sand area of the Rain-

bow City field. Considerable interest is also being shown in a wildcat venture in Ouachita county in Section 20-11-19, where Copenhaver Oil Corporation is starting operations on a test well. The well is the J. E. Evans No. 1 and is located in the northwest quarter of the southwest quarter of the section. The Copenhaver is located about midway between the Wooten test and the Whelen Oil Company and a test by Roderick & Calvert which claimed showings of oil and the test is expected to attract wide

interest of oil men. Standard Rigging in Miller.

In Miller county the Standard Oil Company is rigging upon its proposed 9,000-foot test on the Harvey estate in Section 33-16-26. The well will be the deepest yet drilled in Arkansas if taken to the contract depth. The test is located 600 feet posts and 600 cated 660 feet north and 660 feet east of the southeast corner of the southwest quarter of the southwest quarter of Section 19-15-14, five miles north of

Two new wildcat tests are to be drilled in Arkansas, one in Madison county and the other in St. Francis county. In Madison county J. E. and John Hardy will drill the Hamlin No. 1 test to be located in the southeast quarter of Section 8-16N-26W, and in St. Francis county Manning & Martin, Inc. will drill the Russell Gregg No. 1 to be located in the northeast quarter the southwest quarter of the northwest Two permits to drill and one to plug

and abandon were issued this week by the state Conservation Commission. Logs of four wells were also filed.

A. N. Demers, trustee, of Little Rock obtained permit to drill the Jeff High No. 1 test to be located 330 feet south and 330 feet west of the northeast cor-The Phillips Petroleum Company is ner of the southwest quarter of the reported planning to drill a test as a southeast quarter of Section 25-1N-9W west off-set to the Marine's Justiss test.

OIL NEWS

Completion Of Marine Well Tops Oil Play

Special to the Gazette.

El Dorado, May 29.—The Shuler area of Union county, west of El Dorado, continued to be the center of interest on the Morgan B-1 test of the Lion of the oil faternity of South Arkansas covery well, and indications were that this week with the completion of the Justiss No. 1 by the Marine Oil Com- would be likely this week-end before pany of an off-set test to the discovery well of the Lion Oil Refining Company.

The second completion was a larger well company is located 330 feet east of the The second completion was a larger well than the first well with production estimated at from 2,000 to 2,400 barrels of high gravity oil per day with prospects of the flow increasing. Gas production was estimated at about 3,000,000 cubic

Two Others Share Interest.
Two other wells in the area are also sharing the attention of the oil fra-ternity and with completion of the Operators began coring in the well at the D. S. and J. C. Morgan No. 1 test of the Alice Sideny Oil Company, Dr.

Other Areas Add to Excitement. In addition to the interest in the Shuler area wildcat locations in Columbia. Cleveland. Quachita and Miller counties are expected to come in for their share of attention in a short time.

The Marine producer was completed Thursday afternoon by swabbing after washing and forcing of gas into the well failed to make it flow. Casing was set in the hole at a depth of 5,660 feet and was completed through perfora-tions in the casing at the level of the several sands encountered in coring op-

Seven Cores Taken.

The Marine set casing after taking seven cores, several of which showed oil and gas sands with separations of The sixth core 5,598 to 5,610 feet

showed five feet of broken shale in the top and bottom five and one-half feet showed heavy oil saturation indicating that the two sands were separated by a five foot shale strata. The final core form 5,610 feet to 5,625 feet showed four feet of heavy saturated oil sand in the top, a continuation of the five and one-half foot sand in the core above and the bottom part of the core

showed broken shale.

The hole was drilled and reamed down to a depth of 5,660 feet and casing set at that level. The plug was pushed below the oil sands eliminating the necessity of drilling the plug before perforating the pipe. Casing was set Friday of last week.

Perforations "Shot" In.

Wednesday night a casing shooting crew from East Texas shot the well with an electrically operated casing shooting gun that was lowered in the hole and the pipe perforated. Ten shots were fired at a time with the shots being about a foot apart up and down the casing in all directions. The "gun" was fired four times with 38 projectiles

Tubing was run in the hole Thursday morning and washing started shortly after noon. Most of the heavy mud was washed from the well in about an hour and the well failed to flow. Connections were changed and gas under high pressure was run in the casing forcing some of the drilling fluid out of the tubing. However, this failed to revive the weight of the water sufficient to make the well flow and a swab was installed after some delay in obtaining the swab.

Swabbed Five Times.

When the swab was pulled the fifth time the well began to flow by heads making a small amount of oil and gas with considerable drilling water. Flow was allowed to run into the slush for about 15 minutes and it was still making more than half drilling water when it was turned into the separator.

Operators turned the flow into the separator early because of the danger of fire with the large crowd of spec-

tators around the well. When the flow was first turned into the separator the gas was burned as a earthen pit where it was burned. The early flow from the well was through a quarter-inch choke on the tubing and was about half water and about half oil. The flow of oil at that stage estimated 800 barrels a day, Later Thursday night the flow was turned into storage tanks and the flow was gauged at 2,000 to 2,400 barrels of oil a day and the gas flow was estimated at about 3,000,000 cubic feet of gas a day. The well made considerable drilling water for the first day it produced before it was cleaned out. There was no indication of salt water in the production.

High Gravity Oil.

The oil from the well is about 43 gravity, the same as the oil from the discovery well. Three 1,000-barrel storage tanks are on the lease to receive production from the well. No provision had been made for the gas and it was

The Marine test which is a north off-set to the discovery well of the Lion Oil Refining Company is located 330 feet east and 330 feet north of the southwest corner of lot seven in the northwest quarter of Section 18-18-17. Although no official announcement was made by officials of the Marine company it was reported that the comp

company it was reported that the company is planning to drill another test to the east of the Justiss No. 1.

Morgan B-1 Testing.
Two drill stem tests have been made

west line and 330 feet north of the south line of the northwest quarter of the southeast quarter of section 18-

18-17. The third test in the Shuler area nearing the interesting stage is the D. S. and J. C. Morgan No. 1 test of the Alice Sidney Oil Company, Dr. J. S.

Marine well as a producer they will share the attention of oil interests until about 75 feet above the oil and gas they are completed. They are the Morgan B-1 test of the Lion company, an and a difference in elevation between east off-set to the discovery well and the test and the discovery well which hit the gas sand at 5,532 to 5,546 feet and the oil sand at 5,556 to 5,559 may put the sand at a lower level in the Alice Sidney well.

was expected, however, that the well would encounter the oil and gas sands this week-end and drill stem tests are expected to be made this week-end or early next week. It was reported that if the showings in cores are sufficiently good, operators may set casing for final 000 cubic feet of gas.

testing of the well without making a Morgan B1 Completion Slated. testing of the well without making a

Discovery Still Producing.

The discovery well of the Lion company, the Edna Morgan No. 1, located 1,980 feet north of the south line and 4-237 feet east of the west line of the southwest quarter of Section 18-18-17, has produced steadily since its comple-tion on Monday, April 5, at the rate of about 300 barrels of oil per day and gas varying from 2,500,000 to 4,000,000 cubic feet daily with no showing of salt water. No showing of salt water has as vet been made in any of the tests drilled in the Shuler area.

Oil production from the discovery well is piped through the Lion's private four-inch line to its refinery plant here and the gas from the well has been used for operation of other drilling rigs in the area. It is expected that production from other wells in the area, when completed, will be shipped through the Lion's pipeline.

Shreveport Concern Erects Derrick. North of El Dorado about a mile from the city limits the Sklar Oil Corporation of Shreveport has erected derrick on the Mellor estate for a shallow well to the Nacatosh sand. However, no permit has been issued for the test and no announcement has been made as to when operations will be started. The company recently completed a small pumper on the Cordell land northwest of El Dorado and about 12 additional tests are expected to be drilled in the

New Ouachita Test.

In the northwest part of Ouachita county, the Copenhaver Oil Corporation has made location and is rigging up for a test in Section 20-11-19 on the J. E. Eyans

De convinced that a person going about the ordinary walks of life—or rides of life—or rides of a section 19-18-17. It will be the M. D. Justiss A-1 in the northwest quarter of the southeast quarter of the southeast quarter of the northwest quarter of the northwest quarter of the northwest quarter of the southeast q tion and is rigging up for a test in card. Section 20-11-19 on the J. E. Evans "If Section 20-11-19 on the J. E. Evans and associates have taken a block of contact and co

Cleveland county south of Rison.

The Standard Oil Company is reported to have erected a derrick for its 33-16-26 in Miller county south of Gar-

On the northern flank of the Garland City field the Dale No. 3 of E. H. Moore, Inc. in Section 24-15-26 was abandoned at 4,270 feet after missing the pay sand of the Dale producer of C. V. Lenz, nearby.

Permits Issued.

Four permits to drill new tests were issued this week by the State Conservation Department and one permit was issued to plug back and perforate in the Meekin sand. Log of one well was

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

J. C. Voyles, R. A. Harmon and J. C. Kelly of Holly Springs obtained permit to drill the Sorrells No. 1 test located qualify under the act. in the center of the southeast quarter of the southeast quarter of the southwes quarter of secion 35-10-16 in Dal-

OIL NEWS

In Progress In Gazette 6-20-37 Shuler Field

Special to the Gazette.

completed early this week and another Shuler area. this week.

The early completion was the D. S. and J. C. Morgan No. 1 test of the Alice Sidney Oil Company and the completion scheduled for today was the Morgan B-1 test of the Lion Oil Refining Company. Both are in section 18-18-17. The Alice Sidney test, located in the northwest corner of the northeast quarter of the southeast quarter of the section was completed Monday for a producer of 2,000 barrels. Plug was drilled in the well Saturday night of last week and tubing run into the hole Sunday. Swabbing operations were started early Monday morning and after the swab was pulled a few times the well began

Oil Flowing Into Tanks.

The flow of the new producer was turned into the slush pits for about an hour and then run through the separator into storage tanks. The well gauged 90 barrels an hour for the first few hours and then flowed at the rate of about 80 to 85 barrels an hour. Later a one-inch choke was placed on the tubing and production since that time has been maintained at the rate of about 1,000 barrels a day, and about 1,800,-

The Morgan B-1 test of the Lion, scheduled for completion today, is located in the southwest corner of the northwest quarter of the southeast quarter of the section. The test was cored and tested to a depth of 5,827 feet with six distinct oil sands being encountered from the 5,532 foot level to the bottom of the hole. The best showing was obtained at the bottom of the test. Operators on the test expect the well to make the best producer in the area. Drill stem tests indicated a well of from 10,000 to 15,000 barrels daily, production and 30,000,000 to 60,-000,000 cubic feet of gas a day.

Six Tests Underway.
At present there are six additional tests in the area under way and six 18-17

He reasons that if such is the case, under which a World war veteran was payment of a privilege tax, simply because the law was in conflict with the west offset to the Murphy Land Comwest of Lance et al. located in the

When National Guardsmen or Reserve officers are on duty, the commissioner is willing that they shall have ter of the missioner is willing that they shall have the commissioner is will be compared to the commissioner is will be compared to the commissioner in the commissioner is will be compared to the commissioner in the commissioner is will be compared to the commissioner in the commissioner free use of toll bridges. But, he can't be convinced that a person going about

5,500 acres around Section 34-11-17 and are expected to drill in a short time.

In Columbia county Robert Keen and associates have staked location and payment of automobile license fees. The

proposed 9,000 foot deep test in Section proposed 9,000 foot deep test in Section and a section proposed 9,000 foot deep test in Section proposed 9,000 foot dee mitted free use of the toll bridges, some the southerst of these fellows are going to wonder why someone doesn't take the whole the southerst quarter of the northeast quarter of section 18-18-17.

The same company has made location

Commissioner Ford will get a lot of

the attorney general's office relative to logs of wells have also been filed. Among rights of O. R. C. members to free use others permits were issued to the fol-

Drilling operations are under way on two outpost wells north and south of the producing area and permit was issued this week for another outpost well a mile west of production. Completion of these wells for producers will, to a section 18-8N-9E in Criteroden county; great extent, aid in determining the Manning and Martin of Tulsa,

extent of the Shuler area.

Alice Sidney Active.

The Alice Sidney company is drilling below 2,400 feet on the Powledge No. 1 test in the southeast corner of the the southeast corner of the No. 1 test in the southeast corner of the th southwest quarter of the southwest quarter of section 7-18-17. This test is the north outpost and is more than a half mile north of present production.

On completion of the D. S. and J. C. was expected to be completed today in the Shuler area west of El Dorado to feature oil activities in south Arkansas D. S. and J. C. Morgan No. 2 location D. S. and J. C. Morgan No. 2 location D. S. and J. C. Morgan No. 2 location in the southeast corner of the northeast quarter of the southeast quarter of section 18-18-17, southeast of the first of the southwest corner of the northproducer. Drilling operations are ex-pected to be started in a few days. west quarter of the southeast quarter of section 27-11-17 in Ouachita county.

Jones Starts Drilling.
The south outpost well is being drilled by Edwin M. Jones, Charles Murphy as follows: and Joe Hurley in section 19-18-17, more than half a mile from production. Drake No.

are waiting the setting of casing, a water well is being drilled. The test is the

and are expected to start drilling in a few days on another test located in the same section. It is the C. H. Murphy A-1 test and is located in the northwest corner of lots in the northwest quarter of the northwest quarter of section 34-15-15 in Ouachita county; Hollyfield and McFarlane, F. A. Laney section 19-18-17.

The same operators Thursday an-The same operators Thursday announced location for another test to be drilled in section 13-18-18, a mile west of production. The well will be the Murphy Land Company B-1 and will be located in the southwest corner of the south half of the west half of the southwest quarter of the north-east quarter of section 3-15-15, in Ouachita county. Hollyfield and McFarlane, F. A. Laney No. 9, located in the center of the southeast quarter of section 3-15-15, in Ouachita county. of the section.

Lion Drilling Off-Set. The Lion Oil Refining Company is drilling on one offset test and is rig-

The Lion is drilling at 1,800 feet on the Morgan B-2 test, a west offset to the D. S. and J. C. Morgan No. 1 producer of the Alice Sidney company, located in the northeast corner of the northwest quarter of the southeast quarter of section 24-14-24 in Hempstead county; Berry Asphalt Company Wilquarter of section 18-18-17.

test a south offset to the Justiss No. 1 producer of the Marine Oil Company in the northwest corner of lot one in the southwest quarter of section 18- west and 165 feet south of the north-

The Lion also is rigging up to drill around over the state taking all the toll bridges in stride without paying to its Morgan B-1 test. The new test is located in the southwest quarter of section 6-14-20 in Nevada county.

He reasons that if such is the case, the reasons that if such is the case, the southwest quarter of section of the southwest corner of the southwest quarter of section 6-14-20 in Nevada county. then the act is in conflict with Article

2 of the constitution. He recalls that
as recent as May 24 the Arkansas

Supreme Court declared void a law

A-1, which is located in the senter of located in the center of located lot one in the southwest quarter of sec-

panw A-1 of Jones et al., located in the northeast corner of the northwest quarter of the northwest quarter of section

In Columbia county Robert Keen and associates have staked location and erected derrick for a test near McNeil in Section 1-16-21 on the Runyan land.

The Texas-Canadian Oil Company has made location for the Moseley and Kelsey No. 1 in Section 22-9-19 in Cleveland county south of Rison.

Exempts National Guard members from payment of automobile license fees. The section of the code referring to exemption from these fees specifically mentions the militia. But the section on free passage over toll bridges isn't to set surface casing in the Marcus Justiss No. 2 test, a west offset to the Justiss No. 1 of the Marine company, located in the southeast corner of lot six in the northwest quarter of section 18-18-17. The same company is preparing to exemption from these fees specifically mentions the militia. But the section on free passage over toll bridges isn't to set surface casing in the Marcus Justiss No. 2 test, a west offset to the Justiss No. 1 of the Marine company, located in the southeast corner of lot six in the northwest quarter of section 18-18-17. The same company is preparing to set surface casing in the Marcus Justiss No. 2 test, a west offset to the Justiss No. 1 of the Marine company, located in the southeast corner of lot six in the northwest quarter of section 18-18-17. The same company is preparing to set surface casing in the Marcus Justiss No. 2 test, a west offset to the Justiss No. 1 of the Marine company, located in the southeast corner of lot six in the northwest quarter of section 18-18-17. The same company is preparing to set surface casing in the Marcus Justiss No. 2 test, a west offset to the Justiss No. 1 of the Marine company in the northwest quarter of section 18-18-17. The same company is preparing to set surface casing in the Marcus Justiss No. 2 test, a west offset to the Justiss No. 2 test, a west offset to the Justiss No. 2 test, a west offset to the Justiss No. 2 test, a west offset to the Justiss No. 2 test, a west offset to the same priviin the northeast corner of lot two in Meanwhile a lot of poor clodhoppers the southwest quarter of section 18-

The Phillips company is preparing to wonder why they should have to pay heavy auto license fees while the militia members are exempt. If National Guard members and Reserve officers are permembers and Reserve officers are permembers.

The same company has made location business to the Supreme Court to de- for the Ed Gan No. 2 test to be located termine if the granting of all these privileges isn't contrary to the constitution.

330 feet from the south line and 1,650 feet from the east line of the north-teast quarter of section 18-18-17.

Permits Issued. moral support from unprivileged groups Seventeen drilling permits and four in his efforts to limit free use of the to plug and abandon old tests have been issued by the state Conservation Recently he asked an opinion from partment in the last three weeks. Eight

of the bridges. He was informed that free passage should be allowed only those who qualified under the act.

Which left Mr. Ford right where he started wondering who actually does rullify, under the act.

Which left Mr. Ford right where he started wondering who actually does refer to the southwast quarter of the southwast quarter of section 25-1N19W southeast quarter of section 25-1N19W

other tests will be started soon. Permits in Lonoke county; Nivla Oil Corporahave been issued for two additional tion Texarkana, Delay No. 1, located tests on which operations are to be 330 feet north and 330 feet east of the

Special to the Gazette.

El Dorado, June 19.—One well was mile north of present production in the Oil Corpuoration, Fitzgerald No. 1, located 354 feet east and 238 feet north of the southwest corner of the northwest quarter of the southwest quarter of section 8-18-15 in Union county. Rey-

Wells Abandoned. Permits to plug and abandon were

and Joe Hurley in section 19-18-17, more than half a mile from production.

Surface casing has been set in the well at 800 feet and while operators of the southeast corner of the southeast quarter of the northwest quarter of section 24-14-24 in Hempstead county; Hollyfield and Mc-Murphy Land Company A1.

The same operators are rigging up

Farlane, Joyce No. 4, located 200 feet south and 330 feet west of the north-No. 7, located 340 feet west and 300 feet north of the southeast corner of the

Logs Filed.
Logs of wells filed were as follows:
Bruce E. Wallace, William Haynie No.
1, located 300 feet north and 300 feet of ging up on three other offset tests and the southwest corner of the southeast Thursday announced location of an-quarter of the northwest quarter of section 6-14-20 in Nevada county; Root Petroleum Company, Lucy E. Drake No. 1, located 330 feet north and 330 feet west of the southeast corner of the southeast quarter of the northwest quar-The Lion is rigging up and preparing to start operations on the Morgan A-2 test a south offset to the Justiss No. 1 producer of the Marine Oil Co. 1 county; Berry Asphalt Company William Haynie No. 2 located 165 feet south and 210 feet west of the northeast corner of the northeast quarter of the southwest quarter of the east corner of the southeast quarter of the southwest quarter of section 6-14-20

west quarter of the southeast quarter of section 3-14-20, in Nevada county; Marine Oil Company, M. Justiss No. 1, located 330 feet north and 330 feet east of the southwest corner of lot 7 in the seeking to operate a business without payment of a privilege tax simply be
The Lion is expected to start drilling in Union county; McCreslenn Oil Company. Atkins No. 5, located 330 feet, north and 330 feet east of the southwest corner of the southwest quarter of the northeast quarter of section 3-18-13 in Union county; O. F. Whitaker, trus-9-18-17.

The Lion company also has made lotthe center of the southeast quarter of

test.

Two new operations in the Sugar Creek area of Claiborne parish, where three oil producers have been completed from the top of the Travis Peak, are planned shortly. Northeast of Sugar Creek, M. R. Campbell and T. S. Walker are planning test in section 26-20-6, and Triangle Drilling company in section 29-20-5.

North of production in the shallow Converse area, Kirk-Green-Way, Inc's Whitney 1, section 8-9-13, Sabine parish, failure in the Glen Rose was drilling on below 6,000 feet toward the Travis Peak. George Greer et al. continued rigging up at Commercial Bank No. 1, section 9-1-8, Vernon parish wild cat.

The Rodessa field had an unusually quiet period this week, with only routine work reported. In the gas part of the field, R. W. Norton's Payne No. 1, section 27-23-16, continued to stretch the north Louisiana-Arkansas drilling depth record as he neared 11,000 feet as the week closed.

Oil production on the east side of the Bethany gas area of Caddo parish from the Tokio sand was apparently proven last week at Calatex Oil Gas Co.'s W. C. Agurs A-3, on the line of section 6 and 7-16-16. Bottomed at 2,483 feet, the well has been placed on the pump, showing estimated 30 barrels oil daily. The company is planning a series of new weeks. company is planning a series of new

wells.

14 Operations in Shuler.

The new Shuler field of Union county, Ark., added its fourth oil producer last week at Lion Oil Refining Co.'s Morgan B-1, section 18-18-17, southeast of the discovery, but was killed a couple of days later and the bottom of the hole plugged after it began to show salt water with its production. Completed from sand in which casing was perforated from 5,797-5,826 feet, the well was making 70 barrels of oil and 30 barrels of salt water per hour through ½-inch choke. It was due to be retested during the week-end. wells.

There were 14 active operations underway as the week closed, in the field. Deepest of these was Alice Sidney Oil Co.'s Powledge 1, section 7-18-7, one-half mile north of

Extension of

Rodessa Area

Is Apparent

Democrat 6-28-37
Miller Well Flows by

Heads—Lisbon Maintains Interest.

Shreveport, La. — Likely opening of a new producing area in Desoto parish, favorable showing by a well which is trying to extend the Rodessa field into Arkansas, and continued strong interest shown in the new Lisbon field of Claiborne parish, stood out this week in north Louisiana's oil development.

The looming new field opener in Desoto parish is Pullman Oil Co.'s (M. J. Grogan) Ramsey A-1, section 38-11-11, six miles south of the field after going to 6.147 feet in anhydrite. The well, with elevand of 335 feet, hit top of the big lime at 5,144 feet, base at 5,394 feet and top of rock salt at 5,510 feet. In Hempstead, E. H. Moore, Inc. abandoned Porterfield 1, section 21-425 at 4,515 feet. Some operator's Dale 2. section 24-14-26, miller, was at 6,855 feet. Standard of Louisiana's daily average oil vield this week in restinated 500 - barrel oiler on drill stem test from 2,930-68 if feet, to tall depth. The showing has been determined as Paluxy sand, which also produces in Buil Bayou. Although from the same sand, it is not being connected with this structure as there are several low dry holes between it and the well. Oil is 37.9 gravity.

Flowing by heads after treatment with 3,000 gallons of acid, W. L. Mc-with a 100 lis 37.9 gravity.

The deally average in Arkansas districts for the week follows:

steve are several low dry holes between it and the well. Oil is 37-9 gravity.

Flowing by heads after treatment with 3,000 gallons of acid, W. L. McClanahan et al's Capps 1, section 11-20-28, Miller county, definitely loomed as an extender of the Rodessa field production two miles northward into Arkansas. Prior to treatment with acid, the well had been swabbing some oil in operations which have been under way since last Sunday. Total depth is 6,113 feet with location one-half mile north of the Louisiana line.

New interest developed this week in the Lisbon area of Claiborne parish with a half mile northeast extention by Gulf Refining Co.'s J. J. Henry No. 1, section 31-21-4, flowing 750 barrels in 24 hours through 1-4 inch choke, from 20 feet of pay from 5,193 to 5,213 feet.

North limits of the field, however, were apparently defined with T. Lames & Co.'s Baker No. 1, section 25-21-5, three-quarters mile outpost. Grilling through or failing to find the pay zone. The well was coring on deeper to test possible lower formations after which Schlumberger er test will be run.

Five locations were staked in the same last week which will try to extend the field's limits to the south. Eight miles southeast of the field, the Lincoln parish wild cat of Glassell & Glassell, Gray No. 1, section 16-20-3, was waiting orders at 5.620 feet, after failing to find show in the Lisbon level and 300 feet in the Travis Peak.

New indicat operations in Reed River and Tensas parishes got under way and drilling was resumed on a test in West Carrell parish, this week. On the south flank of the Hull Bayou field of Red River parish, Glassell & Whitehurst elemented surface casing in LeLong No. 1, section 16-20-3, was waiting orders at 5.620 feet, after failing to find show in the Lisbon level and 300 feet in the Travis Peak.

New indicat operations in Reed River and Tensas parishes got under the firm will begin business. Incorporators were listed as Jack Reed Oil Company Inc. of Everton, resident agent and showing \$2,000 as capital with wh

Two new operations in the Sugar Creek area of Claiborne parish, Davis of El Dorado resident agent and Davis of El Dorado resident agent and showing \$40,000 worth of property as

owned by the company in the state
The Union Bridge and Construction
Company of Delaware filed notice of withdrawal from the state.