

It is expected that the company will not drill the test, however, until after the present shutdown ends.

Lack of Gas a Hindrance.

Drillers in the Shuler field usually use gas from the field for power, but the gas is not available now because of the shutdown. Drilling with oil is more costly than with gas.

With completion of the Justiss well, only one well is drilling in the vast shutdown area. It is the Phillips Petroleum Company's Sewell No. 9 in Section 7-18-17. Phillips operators completed the hole this week-end and have set production string. The test probably will be completed in the Jones sand between 7,719-7,740 feet within two or three days.

Due to the shutdown, operators only may allow the wells to clean themselves and shut them down again. A few of the more recently completed wells may have to be reconditioned after the shutdown is lifted, operators said.

It was reported here that the Lion had obtained favorable showings in its Annie No. 1 test, in Section 29-15-17, several miles from Louann. It is drilling below 5,000 feet. Operators are expected to test several strata.

Lion has set final five-inch casing on its Hill No. 1, Section 6-18-13, near Lawson, about 10 miles southeast of here. The pipe was set to 3,056 feet.

The Union Sawmill Company No. 2 in Section 13-18-12, southeast of El Dorado, is drilling below 4,000 feet. Several encouraging showings were reported this week.

Two Permits Issued.

Only two permits were issued this week. They went to:

Shell Oil Company Inc. to drill the W. F. Merritt No. 1, 660 feet south and west of the northeast quarter of the southwest quarter of Section 15-17-20, Columbia county.

William S. King, to drill the H. Ross No. 1, 640 feet south and 359 feet west of the northeast corner of the south half of the southwest quarter of Section 3-10-21, Clark county.

Two Large Firms Restore Crude Prices

Gazette 8-30-39

Special to the Gazette.

El Dorado, Aug. 29.—Two major El Dorado buyers of Arkansas crude oil announced increases in crude prices today, restoring levels of August 14, when nationwide reductions were made.

Root Petroleum Company announced its new price schedule, effective at 7 a. m. today, and the figure will be retroactive to August 27 on Reynolds lime crude. Lion Oil Refining Company announced the new price will be effective at 7 a. m. Friday. The new schedule provides an increase of 13 to 20 cents per barrel for crude in Arkansas fields, the price varying from 73 cents to \$1.05 per barrel.

"Believing now, as then, that the recent price reductions met by us were unwarranted, we are pleased to be able to restore prices," said Col. T. H. Barton, company president.

Other companies elsewhere which acted today to abolish the price cuts included Humble, largest purchasing and producing company in Texas.

Fields Being Reopened.

While neighboring states were acting to extend for a few days the General mid-continent production shutdown, which followed the price slashes, Arkansas kept to its staggered schedule of field-reopenings in obedience to a state Oil and Gas Commission order.

By authority of the commission, Reynolds lime wells of Shuler were opened Sunday; Magnolia, Buckner and Village will open Friday, and Shuler Jones wells will open Monday.

New allowables will reduce state production from 69,956 to 63,250 barrels daily when all the fields are reopened.

No 'Hot Oil' in Arkansas, Says Commissioner Bailey.

O. C. Bailey, chairman of the Arkansas Oil and Gas Commission, reported from Chicago today that he had informed Harvey G. Fields, United States attorney at Shreveport, La., that the commission had no knowledge of any "hot oil" being produced in Arkansas.

Mr. Fields had asked that the Arkansas commission refer to allowables to determine whether there had been excess production in Shuler field or other production areas near Louisiana.

With Prices Up Texas Will Not Extend Shutdown.

Tulsa, Okla., Aug. 29 (P).—Crude oil prices rising above a dollar in many Midcontinent fields today brought the surprise announcement that Texas would lift a shutdown of its wells two days earlier than expected.

Jerry Sadler, member of the Railroad Commission, announced he and Chairman Lon A. Smith concurred in

an order permitting the wells to reopen at midnight. Gov. Earl K. Long of Louisiana said his state would not extend its shutdown period which expired tonight.

Last night Smith said the Texas shutdown would be continued until Friday. "The shortage of crude and the necessity of protecting the consumer of gasoline are the reasons for not extending the closing," said Sadler.

Several oil companies rescinded sharp reductions in crude oil prices which led to the shutdown in Texas, Oklahoma, Kansas, Louisiana, Arkansas and New Mexico.

Warning From Humble.

Humble Oil and Refining Company, the world's largest purchasers and producers of crude oil, restored the five to 32 cents a barrel it had taken off its price August 11. The restoration was retroactive to August 11. Its president, H. C. Wiess, warned:

"If any considerable amount of crude continues to be sold at prices lower than those which we are now posting the lower prices will naturally establish the market and readjustment of our prices must inevitably follow, as we can not continue to pay more for crude than others are paying."

When the price cut was announced, Wiess said approximately 500,000 barrels of oil daily was being sold for sub-market prices in Louisiana and Illinois.

President Roosevelt sent a message to Gov. Henry Horner of Illinois on the oil production problem. Its contents were not disclosed, but the president said Horner replied to it. Illinois does not prorate production.

Lion Raises Prices.

Humble's action was followed by Stanolind Oil and Gas Company, and Stanolind Oil Purchasing Company. The Lion Oil Refining Company of El Dorado, Ark., boosted prices to pre-production holiday figures, effective at 7 a. m. September 1, declaring: "Believing now as then that the recent price reductions met by us were unwarranted, we are pleased to be able to restore prices."

Sinclair-Prairie Oil Marketing Company, first to reduce prices, took no action. Several other major companies left lower postings unchanged.

Pressure Test Continued On Hill No. 1, New Lion Oiler.

Gazette 8-31-39

Special to the Gazette.

El Dorado, Aug. 30.—Lion Oil Refining Co. crews today continued pressure and gas volume test on the Hill No. 1 in section 9-18-13, which was completed yesterday as a gasser at 2,677 feet. No estimate was made of the flow.

Lion crews are in the anhydrite at 5,600 on the Anine No. 1 in 29-15-17, Ouachita county.

Two Union County Wells Completed

Gazette 9-2-39

Special to the Gazette.

El Dorado, Sept. 1.—Completion of a Rainbow City well, east of El Dorado, and a Shuler field well, west of here, were announced today. The more important of the two was the Porter Jerry No. 2 of J. R. Lockhart, in section 15-17-14, Rainbow City field. A steady flow of oil was turned into tanks.

Pressure rose encouragingly and operators estimated the flow at between 200 and 300 barrels daily. Perforations were made at 2,628 to 2,630 feet. Several more good sands are available, operators said. Little water was encountered. The Shuler Jones sand well was the Phillips Petroleum Company's Sewell No. 9, in section 7-18-17. It was gauged at 331 barrels daily through a 10-64 inch choke.

Completion of the Phillips well leaves only one drilling location in Shuler, the Lion Oil Refining Company's J. H. Calloway No. 2, in section 12-18-18, which spudded in today.

Four Wells Share Oil Interest

Gazette 9-3-39

Special to the Gazette.

El Dorado, Sept. 2.—Four wells in this south Arkansas oil sector shared interest of the oil fraternity here this week as the flurry over shutdowns and price slashes subsided.

Three of the wells are in widely separated areas in Union county and the

fourth is near the Union county line, just over in Ouachita county.

Most notable of two completions was the Porter Jerry No. 2, in section 15-17-14, on the edge of Rainbow City field, brought in Thursday night for a producer estimated to be capable of 300 barrels daily. Perforations were made between 2,628 and 2,630 feet. Operators said that additional oil sand is available in the event the flow from the present stratum proves unsatisfactory.

Lockhart's Luck Chances.

Completion of the test provided a happy climax to a series of misfortunes for the driller J. R. Lockhart. Mr. Lockhart's Porter Jerry No. 1 produced some oil, but never was satisfactory, and trouble had been encountered at every turn on the No. 2 test. At least two squeeze jobs were required before the test was brought in.

The other completion was the Sewell No. 9 of the Phillips Petroleum Company, in section 7-18-17, Shuler field. The test, perforated Tuesday, is flowing steadily through a 10-64-inch choke at the rate of about 331 barrels daily. It is in the Jones sand.

Completion of the Sewell marks the close of present Phillips exploration in Shuler.

The only well being drilled in Shuler is the J. H. Calloway No. 2 of the Lion Oil Refining Company in section 12-18-18. The well spudded in yesterday.

The Crestrock Oil Company's Emma Riley No. 1, in section 9-16-15, old Smackover area, is being watched with interest. Bottomed at about 2,415, the well had good showings of oil in two Schlumberger tests, one at 2,372-80 feet and the other at 2,390-2,400 feet. Casing has been set to 2,415 feet and operators are waiting on cement.

In Ouachita county, near the Union line, operators are pointing to the Lion's Annie No. 1, in section 29-15-17. Drill stem tests taken Thursday and yesterday indicated slight showings of oil. Earlier cores indicated good lime formations, with good showings of oil. Operators are said to be planning further tests next week.

Arkansas Southern Oil Corporation's G. G. Simmons A-3, in section 15-18-13, Union county, is reported waiting on cement this week-end at 2,629 feet.

Operators who are seeking shallow production withheld reports on tests.

In section 13-18-12; Union county, southeast of El Dorado, Joe Modisett is reported coring on the Union Sawmill No. 2 at about 4,500 feet. This well will be drilled deeper, it is believed, but operators are testing all favorable showings as they go down.

In Nevada county, Benedum and Trees are expected to drill plug this week-end on the W. R. Mitchell No. 1, in section 4-14-20. The same company has obtained permit to drill Mitchell No. 2 in the same section.

Commission Hearing Set.

The commission announced yesterday that on application of many oil operators, landowners, royalty owners and leaseholders, the next open agency hearing will be held in the Columbia county courthouse at Magnolia, at 10 a. m. September 26.

The commission will hear evidence on the bona fide ratable outlet for oil and gas from each of the various pools and fields in Arkansas for October and November, and on the daily rate of production of oil and gas which should be allowed.

Three permits to drill in south Arkansas were issued this week. They went to:

McAlester Oil Company, to drill the E. D. Harris et al. No. 1 in the center of the southwest quarter of the northwest quarter of section 14-17-19, Columbia county.

Benedum and Trees, to drill the W. R. Mitchell No. 3, in the northwest corner of the southwest quarter of the southeast quarter of section 4-14-20, Nevada county.

East Texas Refining Company and Erwin and Leach, to drill the Judy Bell estate No. 1, in the northeast corner of the southeast quarter of the northeast quarter of section 19-16-23, Lafayette county.

Union County Oil Drilling At Record Low Ebb.

Special to the Gazette. 9-17-39

El Dorado, Sept. 16.—Oil activity in Union county was on the decline this week, with drilling operations at their lowest since discovery in the Shuler field.

Shuler operations are being conducted only by the Lion Oil Refining Company. The company is drilling a Jones

sand well, said to be its last in that area, and has obtained a permit to drill a test in the Morgan sand. It was reported that the Lion still has much un-drilled acreage on which to tap the Morgan sand, which usually produces from about 5,800 feet. This new test will be known as the Morgan B and is located in Section 18-18-17.

Lion's present drilling well is the J. H. Calloway No. 2 in Section 13-18-18. It is below, 4,200 feet.

The Annie No. 1, Ouachita county wildcat of the Lion in Section 29-15-17, is repairing bailing equipment after having bailed down from 4,700 feet. Several showings of oil along with salt water were reported. Operators under-reamed the hole from 5,641 to 5,656 feet.

Oil Sought From Gasser.

The Cook Estate shut in Ouachita, which has been shut down for several weeks, was brought in this week as a huge gasser from 1,616 feet. Drill stem tests at the bottom revealed good showings of oil before the gas blew in. Flow of the gas was estimated from 40,000,000 to 50,000,000 cubic feet a day. Operators said the pressure in the test built up quickly in a two and a half minute test. Operators have shut off the flow of gas and will go back in the hole in an attempt to bring in an oil well.

In the Rainbow City field east of here, J. R. Lockhart is installing standard equipment in his Porter Jerry No. 2 in Section 15-17-14. The Lockhart well came in as a producer several weeks ago, but sanded over. Production will be obtained by pumping.

Permit has been obtained to abandon the Union Sawmill Company No. 2 in Section 13-18-12, Union county. That test showed salt water at 6,100 feet this week after drill stem tests were made.

The Standard Oil Company of Louisiana increased the price of crude the first of the week, and Lion followed in Columbia and Union fields and Root posted higher prices in the Shuler field.

Three Drill Permits Issued.

Only three permits to drill were issued. They went to:

Southwood Oil Company, Inc., to drill the A. L. Poindexter 1-C, in the center of the north half of the southwest quarter of the southeast quarter of Section 23-17-20, Magnolia field, Columbia county.

Standard Oil Company of Louisiana, to drill the D. H. Lewis No. 1, in the center of the northwest quarter of the northeast quarter of Section 19-17-19, Village field, Columbia county.

Lion Oil Refining Company, to drill the Morgan B, 330 feet south and east of the northwest corner of the west half of the southeast quarter of Section 18-18-17, Shuler field, Union county.

Lion Oil Sets Casing at 5,661 In Annie No. 1 Test.

Special to the Gazette. 9-4-39

El Dorado, Sept. 4.—The Lion Oil Refining Company has set casing in its Annie No. 1 test, in Section 29-15-17, Ouachita county. Good showings were found in cores taken from 5,654 to

5,660 feet. The well is bottomed at 5,661 feet. The test topped the Smackover lime at 5,642 feet Thursday and drill stem tests in the lime were encouraging.

Lion Plans Test Next Week On Annie No. 1 Well.

Special to the Gazette. 9-8-39

El Dorado, Sept. 7.—Lion Oil Refining Company will make a test early next week on the Annie No. 1, in 27-15-17, Ouachita county, where casing was set Monday at 5,666 feet. Lion's Hill No. 1, in 6-18-13, near Lawson, completed as a 5,000,000-foot gasser at 2,677 feet, has been closed in awaiting outlet for gas. Lion crews have set 10 3-4 inch casing at 1,850 feet on the J. H. Calloway 2, in 13-18-18, Shuler field.

Union Sawmill No. 2 Drill Stem Test Due Today.

Special to the Gazette. 9-12-39

El Dorado, Sept. 11.—Joe Modisett is preparing to make a drill stem test tomorrow on his Union Sawmill Company No. 2, in section 13-18-12, after coring rich oil bearing lime stratum this afternoon.

Cores were taken around 6,000 feet in lime, and operators were encouraged by the showing.

In section 29-15-17, Ouachita county, the Lion Oil Refining Company drilled the plug this afternoon on the Annie No. 1, near Louann. Casing has been set to 5,666 and final testing is due this week.

Coring and Drilling Resumed On Union Sawmill No. 2.

Special to the Gazette. 9-13-39

El Dorado, Sept. 12.—Coring and drilling was resumed today on the Union Sawmill No. 2 well of Joe Modisett, in Section 13-18-12, northeast of Strong, after a drill stem test early today showed salt water at around 6,000 feet. The well is in the lime, after picking up the first showing at 5,830 feet last week. Lion Oil Refining Company is awaiting repairs on bailing unit for the Annie No. 1, in Section 29-15-17, Ouachita county, where the plug was drilled at 5,666 feet yesterday. Testing is slated for this week-end.

Drilling in El Dorado Section Continues at Slow Pace.

Special to the Gazette. 10-1-39

El Dorado, Sept. 30.—Oil operations in the El Dorado area were at a slow pace this week, with less than a half-dozen wells being drilled and no new permits for drilling being issued. Wildcat prospects just across the Ouachita county line, near Louann, suffered a blow yesterday when the

Lion Oil Refining Company abandoned its Annie No. 1 test in Section 29-15-17 as a dry hole.

The Annie's future had been doubtful for a month, as good showings were followed by bad ones, and operators had had plenty of rig and drilling trouble. Efforts to bring in the well early this week failed and the company decided to drill deeper. It decided to abandon the test at 6,093 feet.

Two Other Lion Wells Drilling.

Lion now has only two wells drilling in Union county, both in Shuler field. The Lion's J. H. Calloway No. 2 in Section 13-18-18, Shuler, is reported to be the last test drilled by Lion in the Jones sand of the area. It is drilling at 6,655 feet, and its expected within 10 days.

Lion is drilling ahead below 3,300 feet on the Morgan B-7 well in Shuler. The test will be drilled to the Morgan sand, which usually is reached around

5,800 feet. The well is located in Section 18-18-17.

Lion, however, obtained permit this week to drill a 9,000-foot well in Columbia county as an offset to the Atlantic Refining Company's Pinewood No. 1 in Section 15-18-22 of the Dorcheat field. The Pinewood is by far the deepest well ever drilled in Arkansas and cost of drilling operations is reported to be about \$10,000 per thousand feet.

The Marine Oil Company is setting 10 3-4-inch casing on its Justiss No. 5 in Shuler field. The well, a Morgan sand test, has been drilled to approximately 800 feet, usual depth for setting of intermediate string in Morgan producers. The well is in Section 18-18-17.

The Delta Drilling Company was reported to have spudded in on its Grace No. 1 in the center of the southeast quarter of the southeast

quarter of Section 31-17-14, five miles east of El Dorado. The test has an important bearing on future drilling in that area.

E. G. Bradham, drilling the H. C. McKinney No. 1 in the southwest corner of the southwest quarter of Section 30-17-15, Rainbow field, is reported waiting on cement after straightening the hole below 1,800 feet.

Three Drill Permits Issued.

Three permits to drill and two permits to plug and abandon were issued this week. They went to:

Standard Oil Company of Louisiana to drill the T. J. Gunnells B-1, 585 feet south, 571 feet west of the northwest corner of the northwest quarter of the southwest quarter of section 18-17-19, Columbia county.

Atlantic Refining Company, to drill the Luel Spain B-1, in the center of the south 20 acres of the northwest quarter of the southwest quarter of

section 18-17-19, Columbia county. (This was issued as a special permit by the Oil and Gas Commission.)

Lion Oil Refining Company to drill the R. S. Warnock No. 1, in the center of the northwest quarter of the northwest quarter of section 15-18-22, Dorcheat field, Columbia county.

Permits to plug and abandon were issued to R. F. Stevenson to abandon the Beck No. 1 in section 33-15-26, Miller county, and the Garold E. Beck No. 1 in section 34-15-26, Miller county.

New Shuler Well Brought In by Lion

10-15-39 Gazette

Special to the Gazette.

El Dorado, Oct. 14.—The first Shuler well to be completed in more than six weeks was brought in today by the Lion Oil Refining Company, in Section 13-18-18.

The test, the J. H. Calloway No. 2, was perforated yesterday in the Jones sand at slightly above 7,635 feet. The well was cleaning itself today and expected to be gauged tomorrow or Monday. Operators said the well would flow on a par with other Jones sand producers and then would be cut back to the daily field allowable.

With the completion of the Calloway test, the Lion is expected to devote most of its drilling activities to the Morgan sand area of the Shuler field.

Lion started coring today at 5,684 on

the Morgan No. 7, in Section 18-18-17, Shuler field, and is expected to set seven-inch casing the first of the week. The first Morgan sand was topped early this week at 5,571 and the second Morgan sand was encountered at 5,682, where the coring started.

The test probably will be completed in 10 days.

To Core Justiss 5 Soon.

Marine Oil Company's Justiss No. 5, in Section 18-18-17, Shuler field, is nearing production in the Morgan sand. Reports showed operators drilling in red and gray shale at 5,037. The test probably will start coring Monday with setting of seven-inch casing scheduled later in the week.

The Delta Drilling Company ran into trouble this week on two wells in this area. The first, the C. T. Grace No. 1, Section 31-17-14, east of El Dorado, flowed salt water Wednesday night after 20 feet of saturation was encountered from 3,522 to 3,542, but a drill stem test revealed salt water. Operators are drilling ahead now below 3,550 feet.

They encountered Nacatosh sand at 2,375 and Tokio at 3,085 before coring.

The second Delta salter was the W. D. Webb No. 1 in Section 6-18-13 near Lawson in Union county. Drill stem tests taken at 2,672 feet got 1,700 feet of salt water and the well was abandoned.

In Section 30-17-15, west of El Dorado, W. G. Bradham is preparing to run seven-inch casing in his H. C. McKinney A-4 after having drilled to 2,167 feet.

Two Jerry Wells Flowing.

J. R. Lockhart, operator of the Porter Jerry Nos. 2 and 3, in Section 15-17-14, Rainbow field, reported this week-end that each of the wells was producing about 100 barrels of crude daily. Lockhart allows the wells to flow at times and then uses pumps. The oil is about 18 gravity. Operators are using a "hay tank" for separation purposes as the crude has a slight percentage of salt water.

Both the Jerry wells were completed several months ago, but have just begun to produce regularly.

In Ouachita county the Liberty Oil Company has moved in derrick on the Hildebrand A-1, in Section 28-15-15, and is expected to start drilling in a few days.

O. T. Clark, operator of the T. M. Bemis No. 1, in Section 23-10-22, Nevada county, is moving in material preparatory to spudding in.

In Section 5-14-20, the Berry Asphalt Company is drilling ahead at 200 feet on the Calloway-Howell No. 1, the well was spudded in Monday.

New Drilling Permits.

Four permits to drill were issued this

week by the Arkansas Oil and Gas Commission. Three of the permits were for Columbia county and one for Crawford county, near Van Buren. The permits went to:

Standard Oil Company of Louisiana, to drill the Oda Jameson et al No. 1, located in the center of the northwest quarter of the northwest quarter of Section 14-17-19, Village field, Columbia county.

Standard Oil Company of Louisiana, to drill the H. B. Eddy Unit No. 2, located in the center of the southeast quarter of the southeast quarter of Section 12-16-23, Buckner field, Columbia county.

Standard Oil Company of Louisiana, to drill the C. F. Petty Stave and Lumber Company No. 1, located 660 feet west, 735 feet south of the southeast corner of Section 4-17-21, Big Creek area, Columbia.

Ozark Natural Gas Company, to drill the Jim Branham No. 1 located 660 feet east of the northwest corner of the southwest quarter of the southeast quarter of Section 6-9-32, Crawford county.

Oil and Gas Board to Meet At El Dorado Today.

Special to the Gazette.

El Dorado, Oct. 17.—The Arkansas Oil and Gas Commission will meet here tomorrow morning to fix allowables for November and December and to pass on a request for a special permit in the Magnolia field.

Several requests have been received for increasing allowables in some of the fields. Present daily allowable for all fields in the state is 67,000 barrels.

Fields for which allowables will be set are Atlanta, Buckner, Dorcheat, Lewisville, Magnolia, Village and Jones and Reynolds lime of Shuler.

Request for a special permit will be presented by the Normandie Oil Co. which now has a permit to drill a well in the center of a 40-acre tract in Columbia county, but is seeking to have the permit changed to allow it to drill in a 20-acre tract.

Crude Oil Reserve Estimated At 17,500,000,000 Barrels. Gazette 10-19-39

Washington, Oct. 18 (AP).—Members of the Interstate Oil Compact Commission advised President Roosevelt today all the oil needed "under any emergency" could be provided merely by "opening the valves."

E. O. Thompson, member of the Texas Railroad Commission and chairman of the Compact Commission, and W. J. Holloway of Oklahoma City, Oklahoma's representative, reported there was a reserve of 17,500,000,000 barrels of oil, compared with 5,500,000,000 in 1925 and that reserves were being increased.

Thompson said the states were doing "an adequate job" of controlling production and that there was no need for federal regulation. He said the president "seemed pleased that the states were doing a good job."

Rather than stepping up production to meet any wartime emergency, Thompson said, the problem is to hold output to market requirements of three to four million barrels a day. One field, he said, could produce 15,000,000 barrels.

Present compact members are Texas, Oklahoma, Kansas, New Mexico, Colorado, Illinois and Michigan. Holloway said California, Arkansas and Louisiana had passed state laws and probably would come in the first of the year.

Plug Drilled On 100th Well In Columbia County. Gazette 10-23-39

Special to the Gazette. Magnolia, Oct. 22.—Standard Oil Company drilled the plug today in the D. H. Lewis No. 1, northwest of northeast of 19-17-19, and the well was expected to start flowing late tonight. It will be the 100th well in the five fields in the county and the 70th well in the Magnolia field.

Foster Unit No. 1, southwest northwest of the same section, drilled plug tonight, and completion is expected tomorrow.

Two More Wells in Near Magnolia Gazette 10, 24, 39

Special to the Gazette. Magnolia, Oct. 23.—Standard Oil Co. completed two wells in the Magnolia field today, the D. H. Lewis No. 1 in 19-17-19, which, when gauged for six hours, flowed 100 barrels through a 5-32-inch choke, with pressure on casing of 1,375 pounds, and on tubing 1,300. The gas-oil ratio was 842 to one. This is the 100th producer in Columbia county and 70th in the Magnolia field.

The company's Foster Unit No. 1 in 19-17-19, was flowing into the pit this afternoon, cleaning itself.

Third Sand Found in Bull No. 1 Well to Be Tested. Gazette 10-24-39

Special to the Gazette. El Dorado, Oct. 23.—Having obtained showings in two shallower sands, operators will make a drill stem test of a third sand tomorrow morning in the Delta Drilling Company's Bull No. 1, in section 6-18-13, Lawson community, east of El Dorado.

A new sand was encountered at 2,718 feet and operators were reaming down tonight preparatory to making a drill stem test. Some showing of oil was found in the Graves sand in a test last night. The latter sand was topped at 2,685 feet.

A test last week of the Meakin sand at 2,564 feet resulted in such a good showing that operators believe the well can be completed as a producer from the Meakin. Deeper sands will be tested, however, before attempting to complete the well at the Meakin level.

Drill Stem Test Planned For C. T. Grace No. 1. Gazette 11-1-39

Special to the Gazette. El Dorado, Oct. 31.—Crews' late tonight were making preparations to run a drill stem test on the C. T. Grace No. 1 semi-wildcat test in section 31-17-14, near Rainbow field, after two saturated cores had been recovered from the lime today. The test was slated to be made from 6,701 to 6,726 feet. The well is being drilled by Delta Drilling Company on the Fohs Oil Company block.

Much interest is attached to the operation, since it is near the old El Dorado east field and the Rainbow sector, being at the south edge of the former and only a short distance from production in the other. Wells in these two fields range in depth from 2,300 to 3,300 feet, and no production has been indicated below 3,300 in this vicinity before.

Another Delta well, the J. E. Bull No. 1, in section 6-18-13, near Lawson, was slated to be perforated tonight in preparation for completion tomorrow. Casing was set in the Bull well after a good showing in the sand at around 2,575 feet.

Merritt No. 2 Third Magnolia Completion of Week. Gazette 11-12-39

Special to the Gazette. Magnolia, Nov. 11.—The Magnolia oil field's third well of the week was registered today when the Shell Oil Co. brought in its Merritt No. 2 in the northwest of the southwest of Section 15-17-20. The well was shut in early today after having cleaned itself in the pits, and a separator was being prepared to turn the flow into tanks. The well was drilled to 7,640 feet and casing was set to 7,625. Porosity was topped at 7,580.

The first completion of the week was Southwood's Poindexter C-1 in the north half of the southwest of the southwest of Section 23-17-30, which was turned into the tanks yesterday but will not be gauged until tomorrow. It was reported to be a good producer.

Unit No. 1 Flows 16 Barrels. Second addition was Vaughn-Deep Rock Oil Company's Jones Unit No. 1 in the southwest of the northeast of Section 21-17-20, which flowed 16 barrels an hour through 12 64-inch choke, with casing pressure of 950 and tubing pressure of 1,400 today.

Rain hindered work in the field today, but officials of the Standard Oil Co. office here reported that operators probably will drill plug early tomorrow on the Gunnels B-1 in the northwest of the southwest of 19-17-19. Normandie Oil Co. officials announced that plug will be drilled tomorrow afternoon on their Dees No. 2 in the southeast of the southeast of 24-17-20.

The Gunnels well is bottomed at 7,600, with pipe set to 7,500. The Dees plug will be drilled at 7,560. About 40 feet of porosity was cored before pipe was set.

Wildcats Commanding Interest. The wildcats in the county and Dorcheat field are attracting considerable interest. Standard's wildcat, the Petty Stave Company No. 1, in the southeast of the southeast of Section 4-17-21, drilling at 6,500 and cores are being taken often to study the structure, which is pronounced favorable.

Standard's R. S. Warnock No. 1, six miles southeast of Magnolia in the northwest of the northwest of Section 36-16-20, also a wildcat, is showing a favorable structure. It is down nearly to 6,400.

A new well is being rigged up in the Dorcheat field, 11 miles southeast of Magnolia, the Superior Oil Company's Martel No. 1, in the southwest of the southwest of Section 10-18-22, the first entry of this company into the county.

Atlanta Oil and Refining Company has reach 4,600 in the Pinewood Lumber Company B-1, same field, in the southeast of the northwest of Section 16-18-22, the same section in which the Atlantic company brought in the field opener in August.

Lion Oil Company is drilling an east offset to the discovery well, in the northwest of the northwest of Section 15-16-22. It is the R. S. Warnock No. 1, which is near 7,000 feet. Production in that field has been from about 8,800 feet, deepest in the state.

Shell, which is drilling the W. P. Keith, a north offset to the discovery well field, in the southeast of the southeast of Section 9-18-22, is near 3,000 feet. Other wells are expected to be started soon.

Other Magnolia field wells are: Arkansas Fuel Oil Company's King B-1, northwest of the northwest of Section 21-17-20 nearing 6,200; Standard's Lewis B-1, in the southwest of the northeast of Section 19-17-18, below 5,600; Standard's L. A. Longino No. 1, near 5,500; Vaughn's W. L. Jameson Jr. No. 1, in the south half of the south half of the northeast of Section 15-17-20, waiting on tools and equipment from another well, which will be completed soon. This is on the northwest acre of the field and on a long 40-acre tract, because of its location.

Operations in other fields include Standard's Nancy No. 2 in the southeast of the southeast of Section 9-16-22, east extension area of the Buckner field, which has derrick up and is waiting on rig from another well's completion.

In the Atlanta field, 12 miles southeast of Magnolia, Tidewater Associated Seaboard is drilling at near 7,400 in the Clark No. 1, in the southeast of the northeast of Section 16-18-19. Hunt Oil Company is near 2,500 in the McWilliams No. 1, in the northwest of the northwest of Section 15-18-19. J. K. Mehoney et al. is drilling near 4,000 feet in the Emma Riley No. 1, more than a mile east of production in Atlanta field, in the northwest of the northeast of Section 14-18-19, most easterly well drilling in Columbia county.

Standard is drilling near 6,400 in Jameson Unit No. 1, in the northwest of the northwest of Section 14-17-19, Village field, where another tentative location is waiting completion of the Jameson well.

Plug on 76th Magnolia Well Drilled. Gazette 11-13-39

Special to the Gazette. Magnolia, Nov. 12.—Standard drilled the plug in the Gunnels B-1, northwest southwest of 19-17-20, today and expects to bring the well in by tomorrow. The driller on Normandie's Dees No. 2, southeast southeast of 24-17-20, said the plug in that well will be drilled tomorrow and the well brought in Tuesday. These will be the 76th and 77th wells for Magnolia field.

Three new locations for wells in Columbia county have been announced. One is a wildcat three miles west and a little north of the Dorcheat discovery well, which will be sunk by the Gulf Oil Co. in the southwest northeast of Section 12-16-23. The other two will be in the Magnolia field, one by the Standard, the Merritt No. 2 (or B-1) northeast southeast of Section 16-17-20 on the northwest edge of the field, and one by the Shell Oil Co., the Lewis No. 1, northeast northeast of Section 19-17-19, on the east border of the field.

Public Subscription Suggested To Continue Delta Oil Test. Gazette 11-12-39

Special to the Gazette. El Dorado, Nov. 11.—Excitement over the Delta Drilling Company's C. T. Grace No. 1 wildcat, six miles east of here, dwindled this week as operators shut down to wait orders, following showings of salt water last week.

Operators, drilling in section 21-17-14, penetrated several hundred feet after encountering salt water and then decided to shut down. Some operators have suggested that a public subscription be taken to set casing in the test to 6,810 feet.

Delta's J. E. Bull No. 1 in section 6-18-13, completed this week for a producer, also developed a percentage of salt water. The test was perforated at 2,583 to 2,586 feet, with 12 shots and flowed into tanks. No announcement has been made as to what will be done with the test.

In Ouachita county, just across the Union county line, Sherry O'Brian brought in the Cook Estate No. 1 in section 27-15-18. It was estimated to be a 40,000,000 cubic feet gasser. Operators said the well will be used for a proposed deep test in that vicinity soon.

Barnsdall Sinking Deep Wildcat. Of considerable interest here is the Cameron No. 1 wildcat of the Barnsdall Oil Company, which will be drilled in section 36-19-17. The test is southwest of here, about six miles west of Junction City. One well was drilled in the vicinity several years ago, but no deep well ever has been attempted. Operators are moving in rig and building derrick on the location.

The Lion Oil Refining Company, only concern operating in Shuler field now, ran into trouble on its Morgan B1 test this week when the drill stem stuck at 5,760 feet. Operators said today about 2,500 feet of the drill stem remained to be cut out. The well eventually will be completed in the Morgan sand. The Morgan test is located in section 18-17-17.

Lion is rigging up on its Land No. 1 in section 13-18-18. The test will be drilled to the Jones sand.

One New Drill Permit Issued. Only one permit was granted this week. It went to the Delta Drilling Company for its recently completed J. E. Bull test in section 6-18-13.

Six permits to plug and abandon were issued, and one permit went to the Gulf Refining Company to plug back another well of the T. C. Murphy No. 1 in section 16-15, Union county.

Barnsdall Wildcat in Gas Show In James Lime. Gazette 11-30-39

Special to the Gazette. El Dorado, Nov. 29.—Crews continued coring and drilling today on the Cameron No. 1, wildcat well of the Barnsdall Oil Co. in section 36-19-17, near Junction City, after finding a show of gas in a core last night at 4,149-66 feet. The show was in the James lime.

It was at this approximate level that W. M. Coats, El Dorado operator, found a show of oil and gas in his wildcat near this location more than 10 years ago.

Barnsdall expects to drill to 9,000 feet if necessary, but will continue coring all promising formations. The well is located on a high and is about six miles west of Junction City and about a mile north of the Claiborne parish line. Parker Drilling Co. is contractor.

Morgan B-7 Again Swabbed In Completion Attempt. Gazette 12-17-39

Special to the Gazette. El Dorado, Dec. 16.—Nothing occurred in Union county this past week to give oil exploration any marked impetus.

The Lion Oil Refining Company's Morgan B-7 in section 18-18-17, Shuler field, encountered salt water at the first of week during swabbing operations, and by this week-end had completed a squeeze job. The test is bottomed at 7,730 feet, but testing in being conducted in the Morgan sand at about 5,700. Plug was drilled in the squeeze cement yesterday and operators began swabbing again today for final completion.

Lion's Land No. 1 in section 13-18-18, continued to drill ahead at 4,100 feet, with completion in the Jones sand some 3,000 feet away. Land and the Morgan are the only two wells being drilled by Lion in Union county.

Phillips Petroleum Company, operators, this week set 9 5-8-inch casing at 2,239 feet and were drilling ahead today below 3,500 feet. This test also will be drilled to the Jones sand in Shuler.

The Barnsdall Oil Company's deep test in section 36-19-17, south of here, is drilling at 6,500 feet. The well encountered the Cotton Valley formation at 6,205 feet early this week. No tests have been made this week, but testing is expected before the well reaches 9,000 feet, to which operators said the test will be drilled.

Agitator for Jerry Test.

Frank Anthony's Jerry No. 1 in section 21-17-14, east of here, cored from 2,687 to 2,692 feet this week, encountering salt water in later swabbing operations. Some showings of oil were reported and operators were reported ready to install agitator equipment to obtain a flow of oil.

The Mary Jackson No. 1 of Benedum & Trees, section 9-14-20, Nevada county, was brought in this week and is reported pumping 40 barrels of oil and 20 barrels of salt water a day.

Ouachita Union Oil Company's Ramsey Estate No. 1 in section 26-17-14, Union county, was reported drilling below 3,000 feet after taking cores earlier to 2,985 feet. The test topped the Meakin sand at 2,543 feet, the Graves at 2,654 and salt and pepper sand at 2,889 feet.

The Arkansas Oil and Gas Commission will hold its bimonthly statewide hearing at the Columbia county courthouse at Magnolia at 10 a. m. Monday to set allowables for January and February and to discuss other conservation matters.

One Drill Permit Issued.

One permit to drill and a change of location order were issued this week. The drilling permit went to the

East Texas Refining Company and Erwin & Leach to drill the Eliza P. Davis No. 1 in the center of the north half of the northwest quarter of the northeast quarter of section 19-16-23, Lafayette county.

Permit for change of location was issued to Grady H. Vaughn and L. A. Longino. The new location is for the Longino-Jones No. 1, in the center of the northwest quarter of the southwest quarter of section 22-17-20, Columbia county.

The Texas Company obtained seven permits to plug and abandon wells in the Smackover field, Union and Ouachita counties. Two permits to plug and abandon wells were issued to operators in Miller county.

General Lull Continues; Two Union Tests Drill Ahead. Gazette 12-24-39

Special to the Gazette. El Dorado, Dec. 23.—The lull in Union county oil activity showed no sign of abating this week, with no completions recorded and little drilling done.

Two potential Jones sand wells in the Shuler field, west of here, continued to drill ahead at about 5,000 feet.

The Phillips Petroleum Company's W. H. Goodwin No. 1, located in Section 19-18-17, drilled ahead today below 5,900 feet. The test has about 2,000 feet to go before final testing in the Jones sand. It is the only Phillips test in Union county.

In Section 13-18-18, the Lion Oil Refining Company is drilling below 5,600 feet of the Land No. 1. It will be a Jones sand test.

The Lion still is swabbing on its Morgan B-7 test in Section 18-18-17, Shuler field. The test was perforated for the second time early in the week after a squeeze job. Perforated several weeks ago at 5,800 feet, the well showed considerable gas pressure, but developed water. Operators hope to bring in the well soon in the Morgan sand of Shuler field. New perforations were made between 5,823 and 5,826 feet.

The Barnsdall Oil Company is drilling below 7,000 feet in the Cotton Valley formation on its Cameron No. 1 in Section 36-19-17, near the Louisiana line, south of El Dorado. Operators here said no tests had been made during the past week and that drilling must of a necessity proceed slowly because there are no deep

wells near the wildcat which may be used to check various depths. The sand sought is the Smackover lime.

Ramsey Well Whipstocked. The Ouachita-Union Oil Company is reported to have installed a "whipstock" in order to drill around a drill bit and sledge hammer, which fouled the bottom of the hole in the Ramsey Estate No. 1 test in Section 26-17-14, east of here. A sledge hammer fell in the well and a part of a drill bit was broken off when drilling started. Fishing jobs failed to remove the hammer.

The "whipstock" will force the new drill bit to drill at an angle to the fouled hole and drilling is expected to proceed normally next week.

Frank Anthony's Jerry No. 1 test in Section 21-17-14, east of El Dorado, was reported pumping mostly fluid this week-end. Installation of pumping equipment was made about a week ago.

The tract on which the test is being pumped has been the scene of three unsuccessful wells during the past six months. The first three were drilled by Sam Sebersky. Each showed considerable promise but all developed salt water.

In Section 15-17-14, east of El Dorado, J. R. Lockhart's Jerry Nos. 1 and 2 continued to pump about 100 barrels each of oil a day. Operators are obtaining the oil from an excelsior tank separator.

Formula Change Proposed.

Members of the oil fraternity this week expressed mild surprise that the question of a change in production formula for the Jones sand in Shuler field was not brought up at the regular state-wide hearing of the Oil and Gas Commission at Magnolia Monday. It is reported here that steps will be taken by companies and individuals to have the formula changed, which will entail a change in production of some of the wells.

One Drill Permit Issued.

Only one permit to drill was issued this week by the Oil Commission office here.

The permit went to the Berry Asphalt Company to drill the C. C. Fincher No. 5, located in the northeast quarter of the southeast quarter of Section 10-14-20, Ouachita county.

Phillips to Drill Another Jones Well in Shuler. Gazette 12-3-39

Special to the Gazette. El Dorado, Dec. 2.—Decision of the Phillips Petroleum Co. to drill another Jones sand well in the Shuler field and activity of the Lion Oil Refining Co. at 20 wells in the area, gave attention this week that it has had in three months.

The Phillips obtained permit to drill a test known as the F. H. Good-

win No. 1. The test is located 330 feet north, 660 feet west of the southeast corner, lot one, northwest quarter of section 19-18-17. Officials here said that the test probably will be spudded in within 10 days.

Pulling the remainder of several thousand feet of stuck drill stem from its Morgan 7, the Lion has set seven-inch casing in the test to the Morgan sand and expects to perforate tomorrow or Monday. The last well completed by the Lion in Shuler was a Morgan sand producer from about 5,700 feet, 2,000 feet above the prolific Jones sand.

Land No. 1 Spuds In.

With the Morgan test near completion, the Lion moved rig this week to its Land No. 1 in section 13-18-18 and spudded in to drill to the Jones sand. Operators set 16-inch casing Thursday at 125 feet and resumed drilling today.

Wildcat oil interest in Union county centered this week on the Cameron No. 1 on the Barnsdall Oil Co. in section 36-19-17. The well is near Junction City, about 18 miles south of El Dorado.

Cores taken from the well this week at 4,149 to 4,166 feet had good showings of gas in the James lime. Operators are drilling ahead below 4,500 feet and expect to make tests at various levels down to approximately 9,000 feet.

It was at this approximate level that W. M. Coats, El Dorado operator, found a showing of oil and gas in his wildcat drilled near this location more than 10 years ago.

Jerry Test Below 2,500.

In section 21-17-14, east of El Dorado, Frank Anthony is reported drilling below 2,500 feet on the Jerry No. 1. The well offsets three Jerry tests drilled last summer by Sam Sebersky. Sebersky found showings of oil but never made a successful completion.

E. G. Bradham was reported to have started drilling in with cable tools on his McKinney A-4 in section 30-17-16.

The R. E. Axum No. 1 of Edgar Johnston in section 31-17-13, Union county, is reported shut down and awaiting orders following tests made this week. Drill stem tests at 2,528-49 feet showed about 15 feet of slightly cut oil and mud. The test topped

the Meakin sand at 2,530 feet and the Graves sand at 2,653. The well is bottomed at 2,659 feet.

Sherry O'Brian's Cook Estate No. 2 in Ouachita county is reported drilling below 1,450 feet in section 17-15-18.

In Nevada county the Mary Jackson No. 1 of Benedum & Trees is shown as drilling at 525 feet in section 9-14-20.

Two Drill Permits Issued.

Only two permits to drill were issued this week by the Arkansas Oil and Gas Commission. They went to: Phillips Petroleum Co., to drill the F. H. Goodwin No. 1 of Lot No. 1 of the northwest quarter of section 19-18-17.

Placid Oil Co., to drill the J. W. Booth unit No. 1 in the center of the northeast quarter of the southeast quarter of section 19-17-19, Columbia county.

Two permits to plug and abandon wells in Miller county were issued. They went to: Frank Stevens to plug the Bloomberg Bank No. 1 in section 20-20-28, and T. H. Moore to plug the Dale No. 1 in section 24-15-26.

Four Wells Now Drilling In Shuler Field. Gazette 12-31-39

Special to the Gazette. El Dorado, Dec. 30.—Increased activity in Shuler field, increasing the total drilling wells to four, marked the only developments in Union county oil fields this week.

The newest location in Shuler is the Phillips Petroleum Company's B. Brian No. 1, located 330 feet north, 990 feet east of the southwest corner of the north half of the southeast quarter of Section 13-18-18. Officials said the test will be spudded in next week. Operators are building road to the location and erecting derrick for the rig.

Phillips' W. H. Goodwin test, located in Section 19-18-17, is drilling ahead at about 7,000 feet. Completion of the test is expected soon in the Jones sand, which usually is encountered at about 7,000 feet. The Phillips' Brian test also will be drilled to the Jones sand.

Lion Oil Refining Company is drilling ahead at 7,000 feet on its Land No. 1 in Section 13-18-18. This test is expected to be completed in the Jones sand.

Morgan No. 7 Still Testing.

Lion's Morgan No. 7, located in Section 18-18-17, Shuler field, still is being tested for final and successful completion. The Morgan test, a Morgan sand well, has been perforated twice after operators tried to squeeze off salt water. Operators hope to find the oil streak and shut off the salt water flow. Pressure in the well has been unusually good.

The Barnsdall Oil Company's Cameron No. 1, a Union county wildcat, which is drilling ahead in Section 36-

19-17, south of El Dorado, started drilling again this week-end after being shutdown for five days because of a stuck drill stem. The drill stem stuck when it was being brought out of the hole at 3,200 feet. The test was drilling ahead at 7,080 feet today, still in the Cotton Valley formation. Officials said that several tests will be made in porous structures. The test is planned for 9,000 feet.

One Drill Permit Issued.

Only one permit to drill was issued this week by the Arkansas Oil and Gas Commission. It went to the Phillips Petroleum Company for its B. Brian No. 5, located 330 feet north, 990 feet east of the southwest corner of the north half of the southeast quarter of Section 13-18-18, Shuler field, Union county.

A permit to plug and abandon was issued to Grady H. Vaughn for his Jameson No. 1, Section 15-17-20, Columbia county.

W. H. Goodwin No. 1 Well In Shuler Completed. Gazette 1-28-40

Special to the Gazette.

El Dorado, Jan. 27.—The Phillips Petroleum Company completed its W. H. Goodwin No. 1 test in Section 19-18-17, Shuler field, for a Jones sand producer this week-end.

Perforated Thursday morning, the test was swabbed in yesterday and today. Gauge is expected to be announced the first of next week. The well, bottomed at 7,691 feet, is flowing from the Jones sand.

Phillips' other test in Shuler, the B. Brian No. 5 in Section 13-18-18, is drilling ahead at 4,000 feet.

Cold Weather Delays Gauge.

Rig at the Lion Oil Refining Company's Land No. 1, Section 13-18-18, Shuler field, was shut down this week because of cold weather. This test was completed last week for a Jones sand producer and has not been gauged. Operators expect to put the well on allowable next week.

Lion's other test, not completed in Shuler, the Morgan B-7, is still shut down, awaiting swabbing equipment.

Completion of the Land and Goodwin tests leave only two operations in Shuler.

Union county's only interesting wildcat, the Barnsdall Oil Company's Cameron No. 1 in Section 36-19-17, south of here, is drilling below 8,500 feet. Officials of the company here said that "interesting stages" were expected between 8,600 and 9,100 feet. The depth of the well makes wildcatting a difficult undertaking, and Barnsdall operators are proceeding with great care.

One Drill Permit Issued.
The Arkansas Oil and Gas Commission issued only one permit to drill this week. It was granted as a special permit at a meeting of the commission here a week ago. It went to Grady Vaughn and L. A. Longino of Columbia county to drill a test in the center of the north half of the

northeast quarter of Section 21-17-20. **Hearing Tuesday.**

The Normandie Oil Corporation's request for a special permit to drill in exception to field rules in the Magnolia field will be heard at a meeting of the commission here at 10 a. m. Tuesday.

The oil company asks permission to drill the D. R. Booth No. 1 well in the center of a 40-acre tract comprising the north half of the northeast quarter of the northwest quarter of the northeast quarter of Section 25-17-20, Columbia county.

Lion's Land No. 1 in Shuler Due in Next Week-End.

Special to the Gazette. 1-14-40

El Dorado, Jan. 13.—The Lion Oil Refining Company set seven-inch casing this week-end on its Land No. 1 test in Section 13-18-18, Shuler field, and prepared for completion in about another week.

Operators ran a Schlumberger test Wednesday and conditioned mud for running of production string Thursday morning. The Delta Drilling Company began to set casing in the hole Thursday afternoon. The test is bottomed at 7,627 feet. Its completion would leave only three active drilling wells in Shuler.

The Lion has another test in Shuler, Section 18-18-17, the Morgan B-7, which has been squeezed off three times in an attempt to get a good flow of oil. Salt water has been seeping into the hole, although a good gas pressure has been reported.

The Phillips Petroleum Company spudded in Thursday on its B. Brian No. 5 test in Section 13-18-18, Shuler field, and is drilling below 400 feet. It is a Jones sand test.

Phillips came out of the hole Thursday in the W. H. Goodwin No. 1 test after fishing out lost drill collar and bit. Operators started drilling ahead below 7,014 feet. This test probably would have been completed next week had it not been for the fishing job. Operators said they expected to begin setting casing for final completion next week-end.

Drilling in hard sand and shale of the Cotton Valley formation, the Barnsdall Oil Company's Cameron No. 1 test in Section 36-19-17, is recorded below 7,800 feet this week-end. Operators said they planned to run Schlumberger tests at about 8,000 feet.

It was reported here this week that several good sands had been reached in the hole, but company officials said that nothing had been reached that resembled a good sand at the present depth. The well is west of Junction City and south of El Dorado.

Nevada County Test Staked.
The Texas Canadian Oil Company, Ltd., has staked location in Nevada county near the Lafayette and Columbia county lines for a new deep test well on the J. T. Stocks lease in the southeast quarter of Section 9-15-22.

E. C. Bradham, El Dorado drilling contractor, will drill the well, which will be carried to the Permian (Buckner) lime formation, operators said.

The location of the proposed well is in what is known generally as the "Falcon area" and has been considered a good start for a producer.

The Texas Canadian Company has drilled three shallow tests in this area on the Stocks lease. Good "high" have been shown around this spot by geological and geophysical tests, operators said.

One Drill Permit Issued.
Only one drilling permit was issued this week by the Arkansas Oil and Gas Commission. It went to the Tide-water Associated Oil Company for the Warren Mack No. 1, located in the center of the southwest quarter of the southeast quarter, Section 16-18-19, Atlanta field, Columbia county.

Casing Being Set in Wildcat Test Near El Dorado.

Special to the Gazette. 2-1-40

El Dorado, Jan. 31.—Casing was being set today on the Delta Drilling Company's wildcat, the C. T. Grace No. 1 in section 31-17-14, about six miles east of here.

It is expected that the well will be perforated between 3,725 and 3,750 feet after casing is completed.

The Grace test made good showings of gas and oil last fall, but water accumulated and operators shut down. Several saturations were encountered in the test which had been drilled to about 5,000 feet.

Another well was drilled in this area by the Pohns Oil Company, a mile south of the Grace well. Excellent showings were found but drill stem test produced salt water after a minor flow of oil.

To Run Schlumberger Test On Wildcat Near El Dorado.

Special to the Gazette. 2-6-40

El Dorado, Feb. 5.—Barnsdall Oil Co. is preparing to run Schlumberger test on its Cameron No. 1 wildcat deep well in section 36-19-17, six miles west of Junction City, after taking cores yesterday and this morning.

A 16-foot core was cut at 9,035 to 9,051 feet, and was reported to have shown nine feet of porous lime but no oil or gas. A second core was cut this morning and 15 feet was recovered. No official information was available on the last core. The well topped the Smackover lime at 9,026 feet. The well has caused a flurry of speculation here, with considerable trading reported in the vicinity. Barnsdall has a large block around the well, which is about one and a half miles from the Claiborne parish line. It is near a 4,400-foot well drilled 10 years ago which yielded good showing.

Delta Drilling Co. completed its C. T. Grace No. 1, semi-wildcat, in 31-17-14 today after perforating at four levels below 3,700 feet. The well was flowing into pits but no gauge had been taken this afternoon. The producer is expected to open a wide area for drilling. It is south of Rainbow and the old east field. The block of several hundred acres is owned by Fohns Oil Co. Root Petroleum Co. of Shreveport and El Dorado owns large acreage near the test.

Drilling in Union County At Near Standstill.

Special to the Gazette. 2-18-40

El Dorado, Feb. 17.—Drilling in Union county practically was at a standstill this week.

The Phillips Petroleum Company is drilling below 7,000 feet this week-end on its B. Brian No. 5 in Section 13-18-18, Shuler field. Operators expect to set casing next week-end and the test probably will be completed within 10 days. It is the last drilling well in Shuler.

Wildcat operations in the county rocked along with no completions recorded. Berg & Laney's N. C. Cutrer No. 1, Section 21-17-14, was reported drilling at 3,000 feet, seeking the "Grace" sand for tests.

New Union Wildcat Spudded.
One new wildcat was spudded in. It is the Kinard J. C. Kelly No. 1, located in the center of the southeast quarter of the southwest quarter of the southeast quarter of Section 9-17-14, east of here. Surface casing was set Thursday at 140 feet and drilling later was resumed.

Bob Branch's J. M. Davis No. 1, a wildcat in Section 28-16-14, was reported shut down at 3,296 feet.

The Delta Drilling Company's J. T. Grace No. 1 in Section 31-17-14, continued to flow at 240 barrels of 39.5 gravity oil a day with 25 per cent salt water. It was estimated 100,000 cubic feet of gas per day is being produced by the well. Tubing pressure is 400 pounds, a drop from the pressure registered when the well first was brought in.

In Section 10-14-20, Nevada county, the Berry Asphalt Company's C. C. Fincher's No. 5, is reported cleaning out at 1,246 feet.

The same company's Grove Land & Timber No. 9, Section 10-14-21, is waiting on cement at 1,266 feet. Seven-inch casing was run to 1,257 feet after a Schlumberger had been run at 1,259 feet.

After topping the Cotton Valley formation at 4,270 feet the Texas-Canadian Oil Corporation J. M. Stocks No. 1 is drilling ahead below 5,300 feet. The test is located in Section 9-15-22.

In Section 18-20-27, Miller county, the D. Wood No. 1 of Dr. J. S. Rushing, trustee, is reported drilling in lime and shale below 4,700 feet.

New Miller County Test Planned.
Shell and Pacific's E. C. Wallis No. 1 in Section 7-20-27, Miller county, has made location in the center of the south half of the southeast quarter of the southeast quarter of the section. It is a new location and is expected to be spudded in soon.

New location also has been made for the Standard Oil's Sturgis No. 1, located 660 feet south, 660 feet east of the center of Section 1-17-127, Miller county.

Only one permit to drill was issued this week by the Arkansas Oil and Gas Commission. It went to the Mid-Continent Petroleum Company to drill the R. S. Foster No. 1, located south of the center of the southeast quarter of the southwest quarter of Section 24-17-20, Magnolia field, Columbia county.

Casing to Be Set Today On Last Shuler Test.

Special to the Gazette. 2-23-40

El Dorado, Feb. 22.—The Phillips Petroleum Company will set seven-inch casing at 7,670 feet tomorrow on its B. Brian No. 5 test in section 13-18-18, Shuler field. Operators said the Jones sand well will be completed next week end.

Completion of the Phillips test will complete scheduled operations in Shuler.

The Arkansas Oil and Gas Commission issued a permit today to James M. Forgotson to drill a wildcat two and a half miles southeast of the Village field, in Columbia county. It will be the L. M. Denny No. 1 and will be located in the center of the southwest quarter of the southwest quarter of section 24-17-19.

Barnsdall to Drill Test Well Southwest of El Dorado.

Special to the Gazette. 3-20-40

El Dorado, March 19.—Barnsdall Oil Company obtained permit from the Arkansas Oil and Gas Commission today to drill a new well several miles southeast of El Dorado to be known as the North Central Texas No. 1. The test will be spudded in tomorrow. It is in the northwest corner of the northwest quarter of section 5-18-14. Location was staked several weeks ago and operators have been surveying roads to the site. The well is between a successful producer of the Delta Drilling Company and a test drilled several years ago.

The commission also issued a permit to the Atlantic Refining Company to drill the Bodcaw Lumber Company No. 1, in the center of the northeast quarter of the southeast quarter of section 29-17-23, Lafayette county.

Delta's East Field Gusher Big Surprise 4-7-40 Democrat Grace No. 1, Flowing 600 Barrels, Is Feature of Week.

El Dorado—The good showing of a well recompleted to the east of El Dorado was the feature of the past week in the El Dorado area. The period also brought reports of early action planned on a long-awaited deep test and of contemplated new drilling activity in the Shuler field.

Recompleted the first of the week, the Grace No. 1 of the Delta Drilling Company, in section 31-17-14, five miles east of El Dorado, has been growing better all week.

The well started flowing 150 to 200 barrels a day, then increased to around 300 barrels daily, and at last report was making 600 barrels.

The well is making only about 150 barrels of salt water, the latter fluid declining as the oil flow increased. The well was perforated from 3,463 to 3,468 feet.

The Delta producer is in the vicinity of Nick Springs, scene of renewed oil activity after a lull of nearly a year. One other well is in progress.

Bad luck overtook one operation, the Grace No. 1 of the Fohns Oil Company, in section 31-17-14. After taking the well to below 2,000 feet, the hole became junked and it was necessary to cement back to 800 feet. Drilling is now in progress.

The Barnsdall Oil Company has cleared location and completed a road to the North Central Texas No. 1, in section 5-18-14, and is expected to proceed with rigging.

The new wildcat to be drilled is by the Standard Oil Company of Louisiana on the Wesson block, southwest of El Dorado. No permit has been issued and exact location has not been announced.

The only well now drilling in the Shuler field moved toward final stages and reports were that the Phillips Petroleum Company is about to start another operation.

The Delta Drilling Company has set seven-inch casing for testing of the Morgan No. 1, in section 13-18-18. A well in the Rainbow City field reached final stages. It is the Kelly No. 1 of Curtis Kinard and associates in section 9-17-14. The crew will test the Graves sand at 2,664 feet. A showing of gas was obtained.

In the Urbana area the McCreslen Oil Company is drilling below 2,825 feet on the J. C. Parker No. 1, section 3-18-13. The well is in the proven area.

One completion was recorded in Nevada county. It is the Groce Land and Timber Company No. 9 of the Berry Asphalt Company, pumping 25 barrels of oil and five bar-

rels of salt water daily. The Calhoun county wildcat, Freeman Smith Lumber Company No. 1 of the British American Oil Company, southeast corner of the northeast quarter of section 17-15-13, near Artesian, is drilling below 3,300 feet. The well has encountered the Nacatoch, Makin and Graves sands and the Travis Peak formations. A showing of oil was reported at 2,585 feet.

Nick Springs Area Showing Real Promise Democrat 4-14-40 With One Good Producer, One Is Drilling, Two to Spud In.

El Dorado—Two completions in widely-scattered areas, the first in several weeks in this vicinity, featured petroleum development the past week in the El Dorado territory.

Neither of the completions, however, is on actual production, since recompletion of one will be necessary and the other failed to flow and will be placed on the pump.

The first well is the J. C. Morgan No. 1 of the Delta Drilling Company, in section 13-18-18, Shuler field, completed from the Jones sand at 7,700 feet. The well started flowing at the rate of 20 barrels an hour with about 10 per cent salt water. After the well had flowed one night and part of a day, the flow turned mostly to salt water and the company now plans a squeeze job in an effort to cut off the water. Cores revealed a large amount of saturated sand. The well is located on the edge of the field.

The second completion was the J. C. Parker No. 3 of the McCreslen Oil Company, in section 3-18-13, Urbana field, southeast of El Dorado. The well was swabbed Friday night and although there was considerable oil in the hole, it failed to flow. It is expected that it will produce 40 to 50 barrels daily.

The week also brought announcement of plans for drilling of another well in the Urbana field, the Thompson Estate No. 9 of the Marine Oil Company in northwest corner of the southeast quarter, southeast quarter of section 3-18-13, offset to the south of the McCreslen well. Equipment is being moved to the location.

Parker Well Completed In Union County 4-14-40

Special to the Gazette.

El Dorado, April 13.—The McCreslen Oil Company's J. C. Parker No. 3 test in Section 3-18-13, Union county, was swabbed in this week-end for a pumper well.

Completion operations were started yesterday morning and the well was swabbed last night.

Another Test Planned in Vicinity.

In the same vicinity, Section 3-18-13, the Marine Oil Company has obtained permit to drill, is moving in equipment and building derrick for its Thompson Estate A test. The well will be located in the northwest corner of the southeast quarter of the southeast quarter of the section. It is the first well drilled by Marine in that area recently.

With its C. T. Grace No. 1 test reported making more than 600 barrels of oil a day, the Delta Drilling Company has obtained permit and is moving in equipment preparatory to drilling its C. T. Grace No. 2, located in the southeast corner of the southeast quarter of the southeast quarter of Section 31-17-14. The Grace No. 1 is located in the same section.

In the same section, 31-17-14, the Nick Springs area, the Fohns Oil Company is drilling ahead below 2,187 feet on the E. T. Grace No. 1 after experiencing several cave-ins during the past week.

Reported waiting orders after preparing to drill is the Barnsdall Oil Company's North Central Texas No. 1, located in the northeast quarter of the northeast quarter of Section 5-18-14. This proposed well is in the vicinity of the two Delta locations and the Fohns well.

The new Delta Grace No. 2 and the Fohns well are drilling ahead on the strength of production from the Grace No. 1 of the Delta.

Morgan No. 1 Being Recompleted.
Completing its J. C. Morgan No. 1 test in Section 13-18-18, Shuler field,

this week, the Delta was forced to go back in the hole for a squeeze job when the well developed salt water after being perforated. Completed in the Jones sand, the well is expected to be a good one when recompleted, as a good saturation was encountered during tests subsequent to perforations.

In Section 9-17-14, Union county, the Curtis Kinard is arranging to set casing to 2,664 feet on the J. C. Kelly No. 1.

Pumping water at 2,680 feet, the Liberty Oil Company is reported preparing to plug back to the Nacatoch on its Hildebrand A-1 well in Section 28-15-15, Ouachita county.

In Calhoun county, the British American Production Company's Freeman Smith No. 1 wildcat is waiting orders after running a Schlumberger at 4,790 feet. Earlier in the week drill stem tests were made at 4,425-48 feet. El Dorado scouts are keeping a close watch on the well, which has aroused more interest than any other recent Calhoun wildcat.

Five Drill Permits Issued.

Five permits to drill, including a special approved this week by the Arkansas Oil and Gas Commission, were issued here this week. They went to:

Grady H. Vaughn, to drill the Tally No. 1, located on a long 40-acre tract in the northeast corner of the southeast quarter of Section 15-18-19, Columbia county.

Edward C. Harvey, to drill the Robert Caviness No. 1, located in the southeast corner of the northeast quarter of the southeast quarter of Section 30-3-25, Yell county.

Standard Oil Company of Louisiana, to drill the L. A. Longino B, located in the center of the southeast quarter of the southwest quarter of Section 19-17-19, Columbia county.

Marine Oil Company, to drill the Thompson Estate A located in the northwest quarter of the southwest quarter of the southeast quarter of Section 3-18-13, Union county.

Delta Drilling Company, to drill the C. T. Grace No. 2, located in the southeast corner of the southeast quarter of the southeast quarter of Section 31-17-14, Union county.

Union County Bobs Up With Two New Wells DEMOCRAT 4-21-40 Shuler Field Producer and Rainbow City Gasser Recorded.

El Dorado—Two completions in widely separated fields of Union county were recorded the past week in the El Dorado territory. The Nick Springs area continued in the limelight.

One of the completions was in the Shuler field, being the J. C. Morgan No. 1 of the Delta Drilling Company, in section 13-18-18. It is actually a recompletion. It started making considerable salt water after showing as a good producer more than a week ago. The water was choked off and the well is now producing in keeping with the allowable set by the oil commission for Jones sand wells.

The second completion was a gas well in the Rainbow City field. It is the J. C. Kelly No. 1 of Curtis Kinard and Associates, in section 9-17-14. The well is making from three to five million cubic feet of gas per day from the Graves sand at around 2,600 feet. Operators are hopeful it will turn into an oil well after the unusually high gas pressure subsides.

In the Nick Springs area, where the Grace No. 1 of the Delta Drilling Company, initial producer from a sand below 3,400 feet, is still making in excess of 500 barrels of pipeline oil daily, two new tests are in progress and a third is being started.

Bad luck developed again on one of the wells, the Grace No. 1 of the

Fohns Oil Company, in section 31-17-14. Circulation was lost and the drill stem became stuck, resulting in a fishing job. The well is down 3,422 feet, almost to pay depth.

In section 5-18-14, the North Central Texas Company's No. 1 of the Barnsdall Oil Company has surface casing set.

In the same vicinity the Delta Drilling Company is moving in rig for the C. T. Grace No. 2, southeast corner of the southeast quarter, southeast quarter of section 31-17-14. Drilling probably will start in the next few days.

The Marine Oil Company is scheduled to spud in Sunday on the Thompson A-10, in section 3-18-15. The well is a south offset to the recent pumper completed by the McCreslen Oil Company in the J. C. Parker No. 3, section 3-18-15. The McCreslen well is waiting on standard rig before going on the beam.

The week brought one disappointment in wildcat activity. The test of the British American Oil Company, in section 17-15-13, near the

town of Artesian, Calhoun county, was abandoned after being drilled below 4,000 feet. The well was the Freeman Smith No. 1.

Of interest to oil men was announcement of the Arkansas Oil and Gas Commission that the monthly hearing will be held Thursday, April 25, at the courthouse in Magnolia. Field rules and regulations probably will be adopted for the new Nick Springs area southeast of El Dorado.

Lion Acquires Oil and River Transit Firms 4-25-40

Special to the Gazette.

El Dorado, April 24.—Expansion of the marketing territory of the Lion Oil Refining Company of El Dorado, through purchase of the properties of the Apex Oil Corporation and the River Terminal Corporation of Nashville, Tenn., was announced by A. F. Reed, vice president and general sales manager today. The properties include 93 retail outlets.

The purchase enables Lion to expand its business activities considerably in middle Tennessee and southwestern Kentucky, the Apex Oil Corporation having been marketing annually a volume of from 3,500,000 to 4,000,000 gallons of gasoline through its retail outlets in that territory.

To Enable River Transit.
Properties of the River Terminals Corporation include a terminal at Nashville, on the Cumberland river, with storage facilities of approximately 1,000,000 gallons. Other water terminals facilities at Clarksville, Tenn., and Dover, Tenn., and three modern river barges will enable the El Dorado concern to move considerable quantities of its refined products by water.

The Apex Oil Corporation has wholesale distributing plants at Nashville, Clarksville and Dover, Tenn., and at Hopkinsville, Ky. Its dealer outlets will increase Lions' retail outlets to more than 1,250.

Oil Drilling in Union County At Slow Pace During Week. 4-28-40

Special to the Gazette.

El Dorado, April 27.—The Union county oil situation was in the doldrums this week, with no completions and only several active tests reported.

The Shuler field had no drilling operations and no immediate prospects unless the Phillips Petroleum Company decides to drill another test. The lone bright spot of the county is the Nick Springs area, in which there are several operations.

The Delta Drilling Company's C. T. Grace No. 1 in Section 31-17-14 continued to produce several hundred barrels of oil a day and the same company prepared to drill the C. T. Grace No. 2 in the same section, 31-17-14.

After encountering trouble for several weeks, the Fohns Oil Company decided to junk and abandon the hole in its Grace No. 1 in Section 31-17-14. The well was drilled to several thousand feet, but the sides of the hole continued to cave in and drilling circulation was lost. The company expects to skid the rig over soon and start a new hole.

Barnsdall Test at 2,440.
The Barnsdall Oil Company, which started drilling its North Central Texas No. 1 in Section 5-18-14 about a week ago, was reported drilling around 2,440 feet this week-end. Cores taken from the Nacatoch sand from 2,195-2-212 feet had a good odor of oil, it was reported.

In Section 3-18-13, southeast of here, the Marine Oil Company was reported drilling below 2,000 feet on its Thompson No. 10. Surface casing was set early this week at 212 feet.

The Arkansas Oil and Gas Commission, which met yesterday at Magnolia, decided to defer formulation of drilling and field rules for the Nick Springs area until more producers are obtained.

Two Drill Permits Issued.

Only two regular permits were issued by the commission this week. They went to:

F. B. King, to drill the Phillips No. 1, located 330 feet south and east of the northwest corner of the northeast quarter of the southeast quarter of section 7-17-26, Fouke field, Miller county. The well will be drilled to the Paluxy sand.

Sam Richardson, to drill the Goodwin No. 10, located 330 feet west and 200 feet north of the southeast corner of the northeast quarter of the southwest quarter of section 32-15-15, Ouachita county.

Permit to plug and abandon hole was issued to Fohns for its Grace No. 1, located in section 31-17-14.

Oil Activity In a Slump

DEMOCRAT 4-28-40

El Dorado Territory Has Quietest Week of the Year.

El Dorado—The past week has been one of the quietest this year in petroleum development in El Dorado territory.

No completions were recorded and no new tests were started, although there were reports that a new test will be drilled at an early date in the Shuler field, and that the wildcat in the vicinity of Wesson, to the southwest of here, is scheduled to be started shortly.

The Nick Springs area, to the southeast of El Dorado, continued as the main scene of activities with several wells in progress. Fixing of rules and regulations for the field had been slated at the monthly meeting of the Arkansas Oil and Gas Commission at Magnolia Thursday, but action was deferred.

Difficulties in drilling operations finally brought about abandonment by the Fohs Oil Company of the Grace No. 1, in section 31-17-14, Nick Springs area. The well had about reached the pay level but caving caused officials to junk the hole and sink a new test. It is understood that the new well will be started within a few days.

Lion's Suit Of Wide Interest

DEMOCRAT 5-5-40

Three Federal Judges to Sit in Trial at El Do- rado Monday.

El Dorado—Oil men of Arkansas and the Mid-Continent area will be interested in the opening here Monday before a three-judge federal court of the hearing of the suit of the Lion Oil Refining Company of El Dorado against the Arkansas Oil and Gas Commission.

Petroleum experts, including engineers, geologists and others, and attorneys representing a number of companies and independent operators, are expected to participate.

The suit of the Lion Company involves a request that the commission change the present formula for the allocation of production in the Jones sand area of the Shuler field. The commission now uses the formula of "acreage times bottom hole pressure" and the Lion is demanding that sand thickness be given consideration in the formula for determining the well allowables.

Filing of the suit in February followed numerous requests for changes in the formula at hearings held by the commission.

Indications point to several interventions in the case, both in support of the Lion Company and in behalf of the commission. Legal lights and petroleum experts have been engaged in preparation for the hearing on the part of companies and independents with production in the Jones sand area.

The case will be tried without a jury with the following judges presiding: Judge Heartsill Ragon, Fort Smith, of the Western district; Judge Harry Lemley, Hope, Arkansas "roving jurist," and Judge Joseph W. Woodruff of Omaha, Neb.

The three federal judges will be guests of honor at a banquet Monday night at the clubhouse of the El Dorado Golf and Country Club by the Union County Bar Association.

Urbana Well Producing In El Dorado Area

DEMOCRAT 5-5-40

Operations in Promising Nick Springs Field Bog Down.

El Dorado—One well moved into the producing stage and another was near final stages in the Urbana field, southeast of here, as the week closed another quiet period in the El Dorado territory.

The producer is the J. C. Parker No. 3 of the McCreslen Oil Company, in section 3-18-13, which is producing at the rate of 90 barrels of oil and some salt water daily. The McCreslen well was completed several weeks ago and placed on the pump during the past week.

The other Urbana well which is about ready for testing is the Thompson A-1 of the Marine Oil Company, in section 3-18-13, an offset to the south of the McCreslen well. Casing has been set and drilling in is scheduled to begin Monday.

A new well is being started in the old El Dorado East field. It is the J. C. Moody No. 1 of Sam Sersky and associates, in section 17-17-14. Derrick has been erected. The drilling campaign in the Nick Springs sector, southeast of El Dorado, struck another snag this week when the second test was abandoned. The well, which tested salt water, was the North Central Texas Company No. 1 of the Barnsdall Oil Corporation, in the northwest corner of section 5-18-14.

The other well abandoned was the Grace test of the Fohs Oil Company, in section 31-17-14. It is understood that another test may be drilled after skidding of the derrick.

On the initial producer in that area, Grace No. 1, in section 31-17-14, the Delta Drilling Company has carried out a squeeze job in the hope of cutting off salt water. The well had gone dead a second time after flowing from 300 to 500 barrels daily.

Two interesting new tests are being started. One is the Graham No. 10 of Sam Richardson and associates in section 32-15-15, Ouachita county. The well is to the south of Snow Hill and lies between production in the old Snackover field and lime producers in that vicinity of Snow Hill.

The other wildcat is the McLendon No. 1 of the Barnsdall Oil Corporation, center of the northwest quarter of the southwest quarter, section 5-19-14, Columbia county, two miles west of the Union county line and three and one-half miles southeast of Atlanta.

One new test is planned in the Shuler field. The Phillips Petroleum Company plans to drill the Murphy No. 1 in section 19-18-17, having asked the Arkansas Oil and Gas Commission for a special permit. A hearing on the permit has been set for 10 a. m. Tuesday.

Lion's Suit Against Oil Board Begun

GAZETTE 5-7-40

El Dorado, Ark., May 6 (AP)—Lion Refining Company of El Dorado took before a special three-judge federal court today its fight to force the Arkansas State Oil and Gas Commission to adopt a new formula for allocating production allowables in Arkansas's controlled oil fields.

Company petitions, filed before the commission, seeking to bring about a change, have been rejected repeatedly. Lion is seeking to have the commission take into account the thickness of producing sands underlying the fields, in making allocations. The current commission formula is based principally on bottom hole pressure and total acreage in the proven fields.

Legality of Order Attacked. In the three-judge court, the firm attacked legality of orders allocating production for certain Jones sand wells in the Shuler field near El Dorado, asked for a permanent injunction against the commission's orders based on the present formula, and contended its constitutional rights were violated by the commission's procedure.

E. D. Klinger, Lion geologist, testified concerning a study he had made of Shuler field and presented analyses of operations there.

Jeff Davis, Lion attorney and vice president, told the court that under the formula used by the commission, the company's Mayfield wells in Shuler were not being allowed to produce the oil which they are entitled to produce, that the current formula results in "migration" of oil underground from one property to another, and that reservoir energy was lost in the movement of the oil and in the production operation.

Commission's Work Praised. J. N. Saye, attorney for the commission, described the Arkansas statute creating the commission and giving it its powers as being recognized as one of the best in the nation. Praising work of the commission, he said proof would be offered concerning improvement of conditions in Shuler field under the commission's methods.

Presiding are Circuit Judge Joseph W. Woodruff of Omaha, Neb., and District Judges Heartsill Ragon and Harry J. Lemley of Arkansas.

Klinger and Warren Weeks, geologist of the Phillips Petroleum Co., explained their sand thickness maps on the Jones sand of the Shuler area. A model exhibit showing sand thickness in the area and many maps were presented by the plaintiff.

Dr. Herman H. Kavalier, research engineer of the Phillips Petroleum Co., Bartlesville, Okla., testified as to

research work in connection with the Jones sand pool. He explained two methods of estimating oil in place in the pool and contended that the findings, somewhat the same, supported the sand thickness maps that had been prepared.

Witness Says Test Proves Oil Migration

5-8-40

Special to the Gazette.

El Dorado, May 7.—Testimony in support of the contention that there is migration of oil from the thick to the thin sand area of the Jones sand pool of the Shuler field was offered by a witness for the plaintiff in the second day of the hearing in federal court here of the suit of the Lion Oil Refining Company against the Arkansas Oil and Gas Commission. Lion is attacking the formula used in the allocation of production.

The testimony was given by Dr. Herman H. Kavalier, research engineer for the Phillips Petroleum Company, Bartlesville, Okla., who spent the entire morning on the stand.

He testified that there is migration of at least 1,000 barrels daily from the thick to the thin sand. He submitted charts on productivity index and pressure gradient. He explained the productivity index as a measure of the capacity of a well to produce oil. He testified that his tests showed an abnormal decline in the capacity to produce in a well in the thick sand area and only slight changes in wells in the thin sand area. He said the abnormal decline was due to migration of the oil.

Dr. Kavalier said his pressure gradient chart showed low pressure in the thin sand area and high pressure in the thick sand portion. He said this proved the migration of oil. He said the migration could not be eliminated but could be minimized by distributing the daily allowable in proportion to the amount of oil in place in the field. He suggested that use of acre feet of saturated sand in the allocation formula would be a step toward equitable production. He said the allocation formula contributed to the pressure gradient but had little to do with the increase in barrels of oil recovered per pound drop in pressure.

On cross examination Dr. Kavalier said he considered an oil-gas ratio of 2,000 feet of gas to one barrel of oil as a reasonable figure. He said the top allowance of 15,000 barrels daily appeared reasonable. Asked about considering use of gas in calculations, he said he had made his study along other lines. He said the present formula is a slight improvement over the old formula of acreage plus "bottom-hole pressure."

Questioned as to the productivity chart, he said the tests were based on well potentials, and the index had no part in the formula or anything to do with production. Asked concerning permeability, he said it may or may not be an important factor.

Discrimination Charged. George Van Daveer, general superintendent of the Mid-States Oil Company, Tulsa, Okla., formerly petroleum engineer for Phillips, spent the entire afternoon on the stand. He will be cross examined tomorrow.

Presenting figures on the acre feet of saturated sand under the drilling units at Shuler field, he asserted his findings showed wells in the thin sand section are producing four times as much oil per acre foot of saturated sand as are wells in the thick sand.

He declared that there is conclusive evidence of migration to thin sand from the thick sand.

He asserted that the Lion company is being penalized on the Mayfield lease in Shuler because oil is not being produced by that company in proportion to the oil in the field.

He testified that the Mayfield lease, on which objections by the Lion are being raised, has a larger amount of recoverable oil than any other similar tract in the field.

Plaintiff In Oil Contest Rests Case

5-9-40

Special to the Gazette.

El Dorado, May 8.—The Lion Oil Refining Company rested its case today in its federal court suit against the Arkansas Oil and Gas Commission.

Lion is suing the commission in an effort to change production allowables on the Mayfield lease from the Jones sand in Shuler field.

Chairman O. C. Bailey of the Oil

and Gas Commission, first defense witness, spent most of the afternoon on the witness stand. He said that allowable of 15,000 barrels had made for more efficient production.

Most of the morning was consumed in cross-examination of George Van Daveer, official of the Middle States Oil Company, who occupied the stand all yesterday afternoon as a witness for the plaintiff.

Other Witnesses on Stand. Dr. S. W. McNaughton, of the firm of Degolyer, McNaughton & McGehee, Dallas, Tex., and Dr. Eugene A. Stephenson, head of the Department of Petroleum Engineering of the University of Kansas, were other witnesses today.

Defense lawyers questioned Mr. Van Daveer about his calculations as to recoverable oil, sand thickness, reserves and as to the information from which estimates were made. J. N. Saye cited several authorities who called attention to the difficulty of making such estimates. The defense also tried to prove that sand thickness is not used as a factor in allocation of production in other fields and to show the present operation is an efficient operation.

Lion Wins Suit Against Oil Board

Special to the Gazette. 5-10-40

El Dorado, May 9.—The Lion Oil Refining Company, by a 2-to-1 decision, won its federal court suit today charging that the Arkansas Oil and Gas Commission formula for production allowables from the Jones sand in Shuler field was confiscatory because it kept the company from obtaining an equitable share of oil from the pool.

Circuit Judge Joseph Woodruff of Omaha, Neb., read the majority opinion, which held that the thickness of sand should be considered in fixing the production allowable formula. Judge Harry J. Lemley of Hope concurred, with Judge Heartsill Ragon of Fort Smith dissenting.

The present allowable formula is acreage times bottom hole pressure, while the Lion wants acreage times bottom hole pressure times thickness of the production sand as the formula, contending that oil under the company's Mayfield lease in Shuler tends to migrate to the thinner sands.

Allowing the commission 15 days in which to appeal, the majority did not specify an immediate revision of the formula.

The Majority Opinion.

The majority opinion asserted that the court did not believe that the Lion should be allowed to take full advantage of the "time thickness" addition to the formula but that there should be a 25 per cent "weighing" introduction.

"We thought that when you get to introducing the element of sand thickness, it should only be regarded to the extent of 25 per cent of the sand thickness as a factor in working it (the new formula) out," the opinion read.

In allowing the commission 15 days to file its appeal, the court set out that production will continue from its present formula until final action is taken in a higher court or, if an appeal is not sought, the commission decides to accept today's mandate.

The decision said that in the latter event "We will make our findings of fact and enter our formal judgment and define the terms and conditions of an injunctive order."

Dissenting Opinion. Judge Ragon said in his dissenting opinion that he believed that the order of the commission is reasonable in every respect.

He said that he believed the rule to be reasonable in that it takes into consideration all elements and factors intended to protect the state and landowner.

Judge Ragon also said that the Lion had not suffered irreparable injury in the case.

Experts Give Views.

During the morning expert witnesses for the commission, Stanley Gill of Houston and E. D. Foran of San Antonio, discussed effect of permeability of the sand and its porosity on the recovery of oil expected from the field.

Both experts expressed the opinion that the thin sand area of the Shuler field will be exhausted before the thick sand sector. Experts for the plaintiff had testified that production in the thick sand area would be exhausted first.

Gill said his tests and studies revealed irregular variations on permeability from well to well in the field and also variations as to porosity,

pointing out that not one examination of a core showed the same porosity or the same permeability. He added that there is erratic saturation.

Phillips Gets Special Permit For Shuler Field Test.

Special to the Gazette. 5-15-40

El Dorado, May 14.—The Arkansas Oil and Gas Commission granted today the Phillips Petroleum Company's request for an exception to drilling rules in the Jones sand of Shuler field for a test in section 10-18-17.

The company received a permit to drill a well on a long 20-acre tract located 165 feet south of the north line and 10 feet east of the west line of the south half of lot two in the northwest quarter of the section.

Move to grant the permit was made by Commissioner Robert Short. There was no discussion or testimony. C. M. Oden, district manager for Phillips, represented his company.

More Wells To Be Drilled At Nick Springs

5-19-40

Confidence Restored — Phillips Spuds In for Shuler Test.

El Dorado—Main attention among members of the El Dorado oil fraternity continues to center in the Nick Springs area to the southeast of El Dorado, although the past week brought the start of one new test in the Shuler field and one in the Urbana area.

Reports continued that indicated early start of operations on an important wildcat in the vicinity of Wesson, to the southwest of El Dorado. It is reported clearing of land is in progress. The pending test is planned by the Standard Oil Company on a large block in that vicinity.

Renewed interest in the Nick Springs area resulted from the continued improved showing made by the Grace No. 1 of the Delta Drilling Company, in section 31-17-14, discovery well in the field. The well is reported flowing between 400 and 500 barrels daily after climbing steadily from around the 200-barrel mark following the latest squeeze job. The well is now back to producing near its best mark, having flowed at various times from 150 to nearly 700 barrels daily. Each time, however, that production has increased the flow of water has gained and the well has gone dead several times.

Standard to Drill Deep Test Well Near Wesson.

5-23-40

Special to the Gazette.

El Dorado, May 22.—Union county's hopes for exploration of a "high" believed to exist near Wesson will be realized soon, the Standard Oil Company of Louisiana having announced that it will drill a deep test in Section 29-18-16. To be known as the Zimmerman No. 1, the well will be located in the center of the southeast quarter of the southeast quarter of the section. Crews are clearing location and rig is scheduled to be moved in from Magnolia soon.

Drilling of the deep lime test will follow considerable advance work by Standard and other oil firms. The region has been mapped by geophysical crews and much time has been spent by landmen in assembling a large drilling block near Wesson.

Fair Activity Reported In El Dorado Oil

Two Wells Move Nearer Completion in Nick Springs Field.

Democrat 6-2-40

El Dorado—Two wells moved along toward the completion stage as renewed interest in the Nick Springs field to the southeast of El Dorado and additional steps were taken to start activities on an important wildcat operation to feature the past week's developments in the El Dorado oil territory.

One of the wells in the final stages is located in the Nick Springs area and there is added interest to testing operations on the well within the next week or 10 days, due to the fact that what apparently is a new producing sand has been encountered. The continued good showing of the discovery well in

that area has bolstered hopes for additional production.

New Pay Sand Looms.

What looms as a new pay sand was encountered more than 300 feet lower than in other tests in that vicinity in the C. T. Grace No. 1 well of the Fohs Oil Company in center of the east half of the southwest quarter of the southeast quarter of Section 31-17-14. Casing was set in the well at a depth of 3,766 feet after seven feet of sand were encountered from 3,785 to 3,975 feet. A Schlumberger was run in the well but no drill stem test was made. The Fohs test is the second drilled by the company on that lease, the derrick having been skidded over when difficulties developed as the first well neared the pay level.

The Grace No. 1 well of the Delta Drilling Company, also in Section 31-17-14, discovery well, is reported making several hundred barrels daily again, and showing signs of increasing its production as it has done on several different occasions after going dead in recent months. One other operation is in progress in the Nick Springs area. It is the Coker and Grieve, Smith Estate No. 1 in Section 32-17-14, which is drilling below 3,400 feet. The well is slightly to the north of the other drilling activities.

Urbana Casing Set.

The other well with casing set is in the Urbana field. The well is the Thompson B-5 of the Marine Oil Company, in Section 3-18-15, in which pipe was set after running of a Schlumberger at a depth of 3,538 feet. The well is on the same lease as the Thompson A-10 recently completed as a pumping well good for about 100 barrels daily.

Derrick Erected for Test Near Wesson, Union County.

Special to the Gazette. 6-2-40

El Dorado, June 1.—Having erected derrick this week, operators of the Standard Oil Company of Louisiana's Zimmerman No. 1 location in Union county are moving in boilers and digging pits, preparatory to rigging up and spudding in.

The Zimmerman test is located in the southwest quarter of the southeast quarter of section 29-18-16, near Wesson, Union county, and is being watched closely. The large drilling block around the location includes one of the best recognized "high" in South Arkansas. The test will be taken to deep lime between 8,000 and 9,000 feet.

Operators of the Fohs Oil Company's Grace A-1 test in the Nick Springs area, east of El Dorado, set casing this week-end to 3,766 feet, about 300 feet lower than production obtained heretofore in that vicinity. A Schlumberger test was run but no drill stem tests were made.

The Grace A-1 is located in the center of the east half of the southwest quarter of the southeast quarter of section 31-17-14.

Grace No. 1 Going Strong.

The C. T. Grace No. 1 discovery well of the Nick Springs area, continues to produce several hundred barrels of pipeline oil daily. Production is being piped through a four-inch line to the Root refinery in El Dorado. The well, drilled and owned by the Delta Drilling Company, is probably the largest producing well in the state, because no proration rules have been formulated for the sector.

In section 21-17-14, Union county, Coker & Gieves are drilling below 3,100 feet on their Smith No. 1 wildcat. Berg & Laney are fishing for tools at several thousand feet in their N. C. Cutrer No. 1 test in the same section.

Shuler field's only drilling operation, the C. H. Murphy No. 1 of the Phillips Petroleum Company, is drilling below 4,400 feet. The test is located in section 19-18-17, Shuler, and will be drilled to the Jones sand. In Ouachita county, Sam Richardson has shut down his Goodwin No. 10 test in section 32-15-15. He is awaiting orders at 4,320 feet.

One Drill Permit Issued.

Only one drilling permit to drill was issued this week by the Arkansas Oil and Gas Commission. It went to C. W. Robinson et al to drill the E. P. Fox No. 1, located in the center of the southeast quarter of section 23-5-3, Arkansas county.

New Oil Sand Producer At Nick Springs

6-6-40

Special to the Gazette.

El Dorado, June 5.—A new oil producing sand was uncovered at Nick Springs when Fohs Oil Company brought in the C. T. Grace A-1 for a production estimated at 100 barrels

daily today.

The well did not show any appreciable water, and the oil was approximately 40 gravity. Casing was set last week at 3,766 feet after first sand had been passed up at 3,465. Location is in the east half of the southwest of the southeast of Section 31-17-14, a quarter west of the C. T. Grace No. 1, discovery well of Delta Drilling Company, which is flowing several hundred barrels daily from 3,466.

Standard Oil Company has spudded on the D. A. Zimmerman wildcat at Wesson in southeast southeast of 9-18-16, on a large block on a reported high.

Pressure of Jones Sand, In Shuler Field, Declining.

6-7-40

Special to the Gazette. El Dorado, June 6.—Figures obtained from the Arkansas Oil and Gas Commission here today revealed that pressure in the Jones sand of the Shuler field is declining at a faster rate than during previous months.

A pressure drop of 163 pounds during an 83-day period—March 12 to June 4—with production of 1,245,000 barrels of oil, was noted by the commission. The average daily drop during the period was 1.96 pound.

Pressure in the field at the close of the last testing period was 2,014 pounds as compared to 2,177 pounds March 12. The present pressure represents a decrease of more than 80 per cent during the life of the field. The original pressure figures was 3,520 pounds as compared to 2,014 pounds June 4.

Reports on the decline will be presented to operators at a hearing here Thursday, June 20.

Second Nick Springs Well A Good Producer.

6-8-40

Special to the Gazette. El Dorado, June 7.—The second substantial producer in the Nick Springs area east of El Dorado loomed today when the Foss Oil Company announced that its C. T. Grace A-1 test was making several hundred barrels of oil daily from the Blossom sand, at 2,738 feet.

The well, located in Section 31-17-14, was perforated this morning from 2,732 to 2,738 feet with 10 shots. Casing pressure is 700 pounds. The oil is flowing into pits with only seven per cent water. The oil is 27.6 gravity. Production is about 1,000 feet higher than obtained in first perforations made in the well.

Standard Drilling Ahead In Wildcat Near Wesson.

6-27-40

Special to the Gazette. El Dorado, June 26.—Standard Oil Co., was reported drilling ahead today on the D. A. Zimmerman No. 1 wildcat, in the southeast southeast of section 29-18-16, a half mile northwest of Wesson, after obtaining an oil showing and salt water in a drill stem test. The test was made at 5,773-85 feet and yielded 400 feet of oil cut mud, about 100 feet of brackish fluid and 1,100 feet of salt water. A 16-foot core taken yesterday showed oil saturation.

Fohs Oil Co., has swabbed in the Grace A-1, in the center of the southwest southeast 31-17-14, Nick Springs, a recompletion at 3,675 feet, and the well is rated at about 75 barrels.

Phillips Petroleum Co., perforated the Murphy No. 1, in 19-18-17, Schuler field today, and will swab tomorrow.

Wildcat In Wesson Area Down 7,800 Standard's Test Under Scrutiny — Phillips Well Recompleted.

7-7-40

El Dorado—Attention of members of the El Dorado oil fraternity has been centered the past week on the Standard Oil Company's wildcat operation in the Wesson area.

Close of the week found the crew engaged in coring below 7,800 feet on the Zimmerman No. 1, in Section 29-18-16, about a mile to the northwest of the town of Wesson. Drilling and coring were resumed after salt water was reported showing in a drill stem test in what apparently was the Jones sand, which is so prolific in the Shuler field.

The Wesson well is planned as a deep test with field followers looking for production in the lime at considerably lower levels. High water resulting from heavy rains the last few weeks interfered with only one drilling operation, though many pumping wells in the Smackover field were forced off of production for a few days by water covering the derrick floors.

The one well forced to suspend drilling was the Smith Estate No. 1 of Coker & Grieve, in Section 31-15-15, north of Nick Springs production. The well is down 3,541 feet. One completion was recorded. It

really was a re-completion since the well previously had been in the final stages. It was the Murph No. 1, of the Phillips Petroleum Company, in Section 19-18-17, Shuler field. The well is reported producing 141 barrels daily from the Jones sand.

To Drill at Nick Springs. An important development of the week as pertains to the Nick Springs area was the announcement of permit by the Arkansas Oil and Gas Commission for deepening of an old test in that area. The permit was issued to Charles Travis for deepening the North Central Texas Company No. 1 well in Section 5-18-14. The well was drilled to 3,600 feet by the Barnsdall Oil Corporation. No announcement has been made as to depth, but it is believed a really deep test for the area is in the making.

At Nick Springs the Fohs Oil Company has set casing at 830 feet in the Grace No. 2, Section 31-17-14. In the Urbana area the McCreslen Oil Company has erected derrick for the Hadley No. 3, Section 3-18-13, near where the Marine Oil Company completed several pumpers recently. The Marine's Thompson A-1 is awaiting installation of standard rig.

Sam Richardson and associates are drilling below 2,610 feet on the Goodwin No. 1, Section 32-15-15, Ouachita county.

El Dorado Operators Out of Luck

Democrat 7-21-40

El Dorado—Only disappointing developments featured oil field activities in the El Dorado territory the past week.

There were no completions and preliminary testing operations on two wells, one a wildcat, failed to develop any real indications. Although the first test was disappointing, hope has not been abandoned of obtaining shallow sand production in the Zimmerman No. 1 Wesson wildcat of the Standard Oil Company, in Section 29-18-16, which failed to find production in either the Jones sand or the lime.

No oil showing was obtained in one drill stem test in the Cotton Valley section, but preparations are being made for another such test at around 6,753 feet. The crew has been reaming in preparation for testing operations.

This week brought abandonment of an outside test in the Nick Springs area. Coker and Graves abandoned a dry hole their Smith Estate No. 1, in Section 22-17-14, north of Nick Springs production, at a depth of 3,541 feet. Also in the Nick Springs area the Fohs Oil Company failed to obtain a showing of oil at 3,400 feet in the Graves No. 2, in Section 31-17-14, and is now drilling deeper in the hope of picking up a sand in which a showing was obtained in another test around 3,700 feet.

A show of oil was reported from sand at 2,916 feet in the G. N. Jerry well of Sam Sebersky and associates, in Section 21-17-14, five miles east of El Dorado. The well is between production in the old El Dorado East field and the Rainbow City area and is the fourth test to be sunk there. The well is shut down, but it is understood it will be deepened.

Travis and associates are reported engaged in building roads prior to start of operations for deepening of the North Central Texas No. 1, in Section 5-19-14, near Nick Springs production. This is the well that was taken to 3,600 feet by the Barnsdall Oil Corporation.

In the Urbana field the Marine Oil Company is drilling below 2,650 feet on the Thompson A-12, in Section 3-18-13, and has made location for the Thompson A-13 in the same section. Also in that field the McCreslen Oil Company is rigging up on the A. Hadley No. 2, Section 3-18-13.

In Nevada county, the Benedum-Trees Oil Company is drilling at 1,860 feet on the Christopher No. 1, Section 11-14-20, and the Berry Asphalt Company is drilling at 1,184 feet on the Meadows No. 1, in Section 4-14-20.

Standard Is Yet Working On Wildcat

Gazette 7-28-40

Well Is Stubborn; Richardson Flow Mostly Salt Water.

El Dorado—The Standard Oil Company of Louisiana is continuing efforts to obtain a producer in the D. I. Zimmerman No. 1 wildcat, Section 29-18-16, near the town of Wesson. Failing to find production in the Jones sand or the lime, the company decided to test out several shallow sands. Casing was set down

to 7,400 feet.

Only salt water and mud were obtained in the first test made this week. The casing was perforated between 7,337-44 feet with 28 scattered shots, and 42 concentrated shots, at a depth of 7,341 feet. The well will be squeezed off and re-perforated at other shallow sand levels in the Cotton Valley series, probably around 6,700 feet.

This week saw another well in the Nick Springs area, southeast of El Dorado, move into final stages. It is the C. T. Grace No. 2 of the Fohs Oil Company, Section 31-17-14. Casing has been set at 4,975 feet with likely looking deep sands below 3,700 feet to be tested. It will be the first well to seek production in that formation.

Sam Sebersky is drilling ahead toward 3,400 feet in his Jerry B-1, Section 21-17-14, after encountering an oil sand slightly below 2,900 feet. Sebersky stated cores revealed six feet of saturation and he plans to make a test of that sand if production is not found at the lower depth.

Union County Completions Spur Activity

8-3-40

Special to the Gazette. El Dorado, Aug. 2.—Two completions in Union county oil fields this week enlivened activities in the El Dorado district.

Marine Oil Company brought in the W. B. Thompson A-13 in section 3-18-13, Urbana field, 14 miles southeast of El Dorado, flowing 325 barrels of clean oil daily from 3,000 feet. It opened a new level 500 feet above the regular Urbana sand. The new sand may lead to considerable drilling. Marine's Thompson A-12, recently completed as a 5,000,000-foot gasser, will furnish fuel. Two other tests are drilling at Urbana.

At Nick Springs Fohs Oil Company brought in the C. T. Grace No. 2 in the northwest corner of the southeast of the southeast of section 31-17-14, flowing 250 barrels of oil from 3,151-57 feet. Fohs plans a west offset and Root Petroleum Company probably will drill a north offset. Two other Nick Springs projects are awaiting orders. Production from two old recompletions totals more than 300 barrels daily.

Completions At El Dorado Encouraging

Democrat 8-4-40

El Dorado—After several weeks of only "bad news" chiefly about a failing wildcat operation, the El Dorado oil territory came through with some good news this week in the form of two completions that may result in additional development.

The development upswing resulted through the bringing in of two producers in separate fields and at least two new locations have been made, with derrick being erected for one.

Probably of main interest was the completion of the flowing well in the Urbana field from a new sand, making three formations that are now productive.

The Urbana producer is the Thompson A-13 of the Marine Oil Company, in section 3-18-13. Completed from 3,000 feet, the well is flowing at the rate of 325 barrels of clean oil daily. Most Urbana wells produce from around 3,350 feet although last week the Marine completed the Thompson A-12 on the same lease as a gasser, making 5,000,000 cubic feet daily, and furnishing fuel for the other operations.

Grace No. 2 Completed.

The second completion, also involving a new producing sand, was recorded in the Nick Springs area. It is the Grace No. 2 of the Fohs Oil Company, in section 3-17-14. Completed from 3,151 feet, the well is flowing slightly more than 250 barrels per day and increasing steadily. The well had failed to give indications of making a producer at lower levels.

Leading the way in the Urbana development, the Marine has made location and is erecting derrick for the Brown No. 1, northeast corner of the northwest quarter, northeast quarter of section 10-18-13.

One other operation is in progress at Urbana. It is the Hadley No. 4 of the McCreslen Oil Company, in section 3-18-13. The well is near-

ing final stages with coring in progress at around 3,000 feet.

The Fohs company is making a location to the west of the latest producer. The new test will be located in the southeast corner of the northwest quarter, southeast quarter of section 31-17-14. The Root Petroleum Company has an offset location to the north and it is reported that this company may drill a well at an early date.

There was one wildcat failure during the week, the Zimmerman No. 1 of the Standard Oil Company, in section 29-18-16, near Wesson. Permit to plug and abandon was obtained.

Sam Sebersky is waiting on orders on his Jerry No. 1, section 21-17-14, to the east of El Dorado after failing to obtain favorable indications in a drill stem test at 2,800 feet. He obtained only mud from a sand from cores had indicated good saturation. He stated the well will be taken to 3,400 feet.

Sam Richardson continues with efforts to make a producer of his Goodwin B-2, in section 32-15-15, Ouachita county, after showings of salt water from several levels. He has completed another cementing job to shut off the salt water.

Offset To New Fohs Well Planned

8-11-40

Special to the Gazette. El Dorado, Aug. 10.—Fohs Oil Company's Grace No. 2 well in Section 31-17-14, Union county, has continued its flow of approximately 250 barrels of pipeline oil a day, officials reported this week-end. The well was completed last week below 3,600 feet.

Fohs operators, pending approval of a permit to drill the J. A. Rowland No. 1 in Section 31-17-14, are building derrick for the new location.

Located in the center of the southeast quarter of the southwest quarter of Section 31-17-14, the proposed well is a west offset to the Fohs Grace tests. Action on the permit will be taken soon.

In Section 3-18-13, the McCreslen Oil Corp. is completing its Hadley No. 3 test. Plug was drilled at 3,582 feet.

In Section 10-18-13, the Marine Oil Company is drilling below 2,400 feet this week-end on its Brown No. 1 well. Permit was taken only recently and work has progressed swiftly. Surface casing was completed early this week at 123 feet.

The North Central Texas No. 1 of Travis et al in Section 5-18-14 is expected to start operations soon. Operators are building roads to the location. The well, drilled to 3,838 feet by the Barnsdall Oil Company, will be deepened by Travis and Associates.

Two New Nevada Locations.

Two new locations have been made in Nevada county, and operations are expected to start soon. One is the Berry Asphalt Company's Mitchell No. 4, located in the center of the southwest quarter of the southeast quarter, Section 4-14-20. The other is the F. W. Whitaker Edwards No. 2, located in the center of the southeast quarter of the southwest quarter Section 3-15-20.

The Asphalt Company is waiting on pumping unit at 1,184 feet for its Meadows No. 1 well in Section 4-14-20, Nevada county.

Two Permits Issued. Only two permits were issued this week by the commission. They went to:

Lion Oil Refining Co., to drill the Dickens No. 1, located in the center of the northeast quarter of the northwest quarter of Section 16-18-22, Dorchester field, Columbia county. Marine Oil Company, to drill the Brown No. 1, located in Section 10-18-13, Union county.

One of Two New Wells In Nevada Area

Democrat 8-18-40

El Dorado—Completion of two small wells in widely separated fields, and new activity in both the Nick Springs area and the Urbana field, have featured petroleum development the past week in the El Dorado territory.

One of the new producers is the Hadley No. 5 of the McCreslen Oil Company, in section 3-18-13. Estimated to be making around 150 barrels of fluid per day, about 50 per cent is salt water. Standard rig will be installed for placing of the well on the pump.

The other completion was the Meadows No. 1 of the Berry Asphalt Company, in section 4-14-20, Nevada county. The well is reported making 35 barrels of oil and five barrels of water per day from a depth of 1,184 feet.

Two new tests are being started in the Nick Springs area. One is the Grace No. 1 of the Root Petroleum Company, in the southwest corner of the northwest quarter, section 31-17-14, location having been made after issuance of a special permit by the Arkansas Oil and Gas Commission.

The other new test is the J. A. Rowland No. 1 of the Fohs Oil Company, in section 31-17-14, an offset to the recent producer of that company in the same section. The crew is rigging up. The Fohs Company also obtained a special permit as an exception to general spacing rules.

Marine Drilling.

The Marine Oil Company is drilling ahead in search of the first Urbana sand after apparently failing to develop production in quantity at the 3,000-foot level in the Brown No. 1, section 10-18-13. The well is drilling in red shale below 3,400 feet and is expected to hit the pay around 2,946 to 2,959, and a saturated sand was encountered. A drill stem test was made from 2,946 to 2,958, with 1,590 feet of oil showing in the hole. The Marine recently completed a flowing well from the 3,000-foot sand in the Thompson A-13 in section 3-18-13.

The McCreslen Company is starting a new test in the Urbana field. It will be the J. C. Parker No. 4 in the northwest quarter of the southeast quarter, section 3-18-13.

Sam Sebersky is starting operations on a new test to the east of El Dorado. Derrick has been erected for the Moody No. 1, section 17-17-14.

Charles Travis has decided not to drill deeper in the North Central Texas Company No. 1 well of the Barnsdall Oil Corporation, in section 5-18-14, outside of production in the Nick Springs area. The well was taken by Barnsdall to around 3,800 feet and Travis recently obtained permit to drill deeper but the location will be abandoned.

O. F. Whitaker is starting a new test in Nevada county. This is the Edwards No. 2, in section 3-15-20, and the crew is now rigging up.

Union County Oil Activities Subside to Three-Year Low.

8-18-40

Special to the Gazette. El Dorado, Aug. 17.—Nothing of consequence occurred in Union county oil activity this week, as operations hit a low equaled only in 1935 before the Show Hill area was brought in and in early 1937 before Shuler boomed.

The Urbana area, where several shallow wells have been completed during the last few months, and the Nick Springs sector have a few operations.

In the Urbana sector, the McCreslen Oil Company has obtained permit to drill the J. C. Parker No. 4 in Section 3-18-13. McCreslen completed a pumper, the Parker No. 3, in that area about two months ago.

Hadley Test Making Water. McCreslen's Hadley No. 5 in Section 3-18-13, completed about two weeks ago, is making an 150 barrels a day with about 50 per cent water. Operators are waiting on pumping equipment.

In Section 10-18-13, the Marine Oil Company is working toward completion of its Brown No. 1. Operators cored at 2,946-58 feet and then ran a successful drill stem test at that level. The well is drilling ahead at 3,410 feet in red shale.

Fohs Oil Company is rigging up and awaiting orders to begin drilling the Rowland No. 1 well in Section 31-17-14, Nick Springs area. Special permit for the well was granted yesterday by the Arkansas Oil and Gas Commission at a meeting at Magnolia.

The commission also granted a special permit to the Root Petroleum Company to drill the C. T. Grace No. 1 well in the southwest corner of the northwest quarter of the southeast quarter of Section 31-17-14, Nick Springs. Location for the test has been staked and operations are expected to begin soon.

The North Central Texas No. 1 location of Travis et al. has been abandoned. It is in Section 5-18-14.

Meadows No. 1 Flowing. In Nevada county the Berry Asphalt Company has completed its Meadows No. 1 well in Section 4-14-20. The well is producing 35 barrels of oil and five barrels of water a day.

O. H. Whitaker is rigging up in Nevada county on his Edwards No. 1 well in Section 3-15-20.

Other permits issued this week follow: McCreslen Oil Company, to drill the J. C. Parker No. 4, in the northwest quarter of the southeast quarter

ter of Section 3-18-13, Union county. Berry Asphalt Company, to drill the Mitchell No. 1, in the southeast corner of the southwest quarter of the southeast quarter of Section 4-14-20, Nevada county.

Texas Border Tests Command Ark-La-Tex Interest.

Special to the Gazette. 8-18-40

Shreveport, La., Aug. 17.—Completions and drilling activity failed to increase in north Louisiana and south Arkansas this week, and principal interest centered in tests in the Border-county area of East Texas adjoining the two states.

Arkansas had three completions, two of which were failures, and north Louisiana had seven completions, one of which was a failure, five oilers and one a small gasser.

Cass County Wildcat Staked. In Cass county, Tex., 13 miles southwest of Linden, Max Agress staked location for a wildcat on the Boice Lumber Co. tract in the Benjamin Hawkins survey.

Arkansas-Louisiana Gas Co. was preparing to test No. 1-C Abney in the Waskom gas area, while the same company's No. 1 Speights in the same field was drilling past 5,189 feet. Union Producing Co.'s No. 1 Karslake in the same area showed for a 5,000,000 cubic foot gasser on drill stem test. The well is a mile northeast of Arkansas-Louisiana's oiler and was considered too high up the structure to show oil.

In Shelby county, Tex., Union was preparing to test No. 1-A Garrett in the Rodessa series below 4,828 feet and across the line in Louisiana Union was building derrick for No. B-1 Garrett. The wells are being drilled on a farm-out agreement with Shell Oil Co., which assembled a huge block in Shelby county and DeSoto parish.

One Cotton Valley Well Added. The Cotton Valley field of Webster parish accounted for one oiler during the week. It was H. I. Hunt's No. 2 Robert Scott which flowed 860 barrels of oil from 8,722 feet on initial.

Two Union Wells Near Completion

Democrat 8-25-40

El Dorado—No completions were recorded the past week in the El Dorado oil territory, but two wells moved toward the completion stage.

Interest at present is centered in the Nick Springs area and Urbana fields, both in Union county. One of the wells nearing final stages is the Brown No. 1 of the Marine Oil Company, in section 10-18-13, Urbana field. The well was cored early this week from 3,493 to 3,510 feet and at other lower levels. Casing operations are scheduled for the next few days. The Marine already is making arrangements for installation of a standard rig to start pumping operations, since most producers in that field are pumpers.

The other well in the final stages is the new test of the Fohs Oil Company, J. A. Rowland No. 1, section 31-17-14, Nick Springs area. The crew is preparing to run Schlumberger at 3,650 feet, after coring operations, and it is expected that casing will be set the coming week.

The Root Petroleum Company has started operations on its first test at Nick Springs. The well is the Grace No. 1, section 31-17-14. Drilling is in progress below 300 feet.

In the Urbana area the McCreslen Oil Company is drilling in shale around 1,700 feet on the J. C. Parker No. 4, in section 3-18-13, in the southwest corner of the northwest quarter, southeast quarter of the section.

This company's Hadley No. 3, section 3-18-13, completed recently, is flowing at the rate of 150 barrels a day, with 50 per cent of the flow salt water.

The Marine Company is starting a new test in the Urbana field. It will be the Simmons No. 4, northwest corner of the northeast quarter, northwest quarter of section 10-18-13. Steps are being taken for an early start in drilling.

McBride and associates have started drilling on their test in Dallas county. The well is the Southern Kraft Corporation No. 11, section 16-19-16. Drilling is under way in shale around 300 feet.

Two Wells Completed In Union County

Gazette 9-1-40

Special to the Gazette.

El Dorado, Aug. 31.—Two comparatively shallow wells were completed in Union county this week, one in the Nick Springs area east of El Dorado and the other in the Urbana sector, southeast of here.

The Fohs Oil Company completed the Nick Springs well, the Rowland No. 1 in Section 31-17-24. The test was perforated twice from 3,156 to 2,183 feet and a leak was cut off with a packer at 3,123 feet. The well is flowing approximately 100 barrels of oil daily through a quarter-inch choke.

Parker No. 4 May Become Pumper.
The Urbana well was the J. C. Parker No. 4 test of the McCreslin Oil Company in Section 3-18-13. It is producing about 35 barrels a day and probably will be placed on pumper.

McCreslin is preparing to drill the J. C. Parker No. 4 well in the same section. The company now has four producing wells in that area—all recently completed.

The Marine Oil Company, which completed the Brown No. 1 well in Section 10-18-13 several weeks ago, is drilling around 3,500 feet on the M. H. Simmons No. 4 test in the same area. The well probably will be taken to 3,700 feet and tested back. The Brown well is waiting on pumping equipment.

The only other Nick Springs activity is the Root Petroleum Company's C. T. Grace No. 1 in Section 31-17-14. It is drilling in sandy shale below 3,500 feet.

Three Permits Issued.
Three permits were issued this week by the Arkansas Oil and Gas Commission. They went to:

Standard Oil to drill the W. P. Sturgis No. 4, located on 330 feet south and east of the northwest corner of the northeast quarter of the southeast quarter of Section 1-17-27, Miller county.

Standard Oil to drill the L. A. Longino et al. No. 1, located in the center of the northwest quarter of the southeast quarter, Section 18-18-20, Columbia county.

McCreslin Oil Company, to drill the J. C. Parker No. 5, located in the southeast corner of the northwest quarter of the southeast quarter of Section 3-18-13, Union county.

Nick Springs Test Best In Field

9-4-40

Special to the Gazette.

El Dorado, Sept. 3.—A drill stem test on the C. T. Grace No. 1 of Root Petroleum Company in the Nick Springs field yielded the best showing yet obtained in that field.

The test was made at 3,743-51 for 10 minutes on quarter-inch chokes at top and bottom. The well started flowing in two minutes, and developed a top pressure of 90 pounds and bottom hole of 1,475 pounds. On this basis it was estimated unofficially to have a potential of 1,500 barrels daily. Location is southwest corner of the northwest of the southeast of 31-17-14, and is a northeast offset to Fohs Oil Company's Rowland No. 1 and a north offset to Fohs' Grace No. 2, both producing from higher levels.

The well will be drilled to 4,000 feet, contract depth, and completed at the present level unless a better showing is found. Root has several hundred acres in the vicinity.

Root Completes Grace No. 1 In Nick Springs Area.

Special to the Gazette.

El Dorado, Sept. 10.—Root Petroleum Company completed the Grace No. 1 in the Nick Springs field today. It flowed 250 to 400 barrels of pipe line oil. The well was perforated at 3,740-50 and started flowing after swab was run five times. A good pressure was reported. Separator trouble prevented immediate gauge. Flow was through 20-64 inch choke and the gravity, 36.6. Location is southwest corner northwest southeast 31-17-14.

Root plans another well on this forty, and will drill several others. Fohs Oil Company has started work on a location southeast of Root's, the Grace No. 3 in the northeast corner of the southwest section 31-17-14. Delta Drilling

Company one in the northwest corner of the southeast section 31-17-14, same forty in which the discovery well is located. Root already has pipe line connections to the field, which is less than three miles from the Root refinery.

24 Barrels An Hour Flow By Urbana Test

10-5-40

Special to the Gazette.

El Dorado, Oct. 4.—Marine Oil Company's G. W. Brown Estate No. 2 well in 10-18-13, Urbana field, was gauged at 24 barrels hourly on a small choke today after a squeeze job to eliminate water trouble below 3,000 feet. Pressure was 200 pounds on tubing and 600 pounds on casing.

Marine has set surface casing on the W. B. Thompson A-14 in 3-18-13, and McCreslin Oil Company has set production pipe at 3,053 on the R. Howe B-1 in 3-18-13. At Nick Springs Fohs & Erwin will test Monday on their Grace No. 3 in 31-17-14, after setting pipe below 3,600.

New Tests In El Dorado Area Thick

Democrat 10-14-40

El Dorado—Completion of at least three wells in the El Dorado oil territory the past week was delayed by "squeeze" jobs instituted to cut off salt water.

The squeezing process is now in progress and the wells probably will be completed within the next few days.

The past week also saw at least two other wells reach final stages. Two of the squeeze jobs are in the Urbana field, one being on the Howe No. 1 new well of the McCreslin Oil Company, in Section 3-18-13, which developed water after being perforated at 3,034 feet. Also at Urbana, the Marine Oil Company is trying to cut off water in the Brown No. 2, Section 10-18-13. Company officials believe the well will produce satisfactorily following the second squeeze job.

One of the wells in which salt water trouble developed is in the Nick Springs area, the C. T. Grace No. 3 of the Delta Drilling Company and Andrew Erwin, in Section 31-17-14. Swabbed dry after the first perforations at 3,690 to 3,696 feet, the well was perforated again from 3,696 to 3,703 feet and water developed along with oil.

The third squeeze is in the Rainbow City field on the Connor No. 1 of D. N. Staples and associates, in Section 11-17-14. Good showings of oil were reported during bailing operations, and with gas pressure building up, operators are hopeful of a good producer if successful in cutting off the water.

One well is scheduled to start testing operations over the week-end. Casing is set in two other wells and they are scheduled to be completed during the next few days. The Fohs Oil Company and the Pilgrim Exploration Company are preparing to perforate the C. T. Grace No. 3, Section 31-17-14, Nick Springs area. Casing was set at 3,708 feet.

An extension of the Urbana field is expected early in the week with completion of the Simmons No. 1 of the Arkansas Southern Oil Corporation, in Section 15-18-13, south of the proven area in that vicinity. Perforations were slated for the first of the week after setting casing at 2,954 feet.

The first completion in several years in the small pool known as the Grimes Brothers field on the Strong highway, southeast of El Dorado, is scheduled this week in the J. Williams No. 3 of H. H. Grimes, Section 8-18-14. The well is waiting on cement. Casing was set at 2,210 feet.

Another well nearing completion is the Thompson A-14, Section 3-18-13, Urbana field. Casing has been in progress and a drill stem test of a sand at 3,000 feet is scheduled.

Also in the Urbana field the McCreslin Company is preparing to start drilling on the Hadley No. 4, in Section 3-18-13.

Two new tests are being started in the Nick Springs area. The Fohs Oil Company and the Pilgrim Exploration Company have dug pits preparatory to drilling on the C. T. Grace No. 4, Section 31-17-14, and the Root Petroleum Company has started operations on the C. T. Grace No. 2, Section 31-17-14. Surface casing has been set in the Root well at 836 feet.

Three new tests are being started in the Rainbow City field. Goodwin and Markwick have derrick pattern on location for their Schmidt No. 1, Section 15-17-14. Harry Por-

ter has erected derrick for his Raulston No. 1, Section 12-17-14, and E. G. Bradham and Zack Brooks have obtained a special permit for the Mary Finley No. 1, northeast corner of the northeast quarter, southwest quarter of Section 12-17-14.

Well Completed
Democrat 10-17-40
El Dorado—Completion of the Marine Oil Company's W. B. Thompson A-14 in the northeast corner of the Urbana field was announced today. No gauge had been made but the well unofficially was estimated good for 75 to 100 barrels daily.

Nick Springs Field Has New Producer

10-25-40

Special to the Gazette.

El Dorado, Oct. 24.—The Nick Springs field, five miles east of El Dorado, chalked up its ninth successful oiler when the Root Petroleum Company completed its C. T. Grace No. 2 well, in the northwest quarter of the southeast quarter of Section 31-17-14, with a flow of 100 barrels daily, top allowable for the field, and with a potential estimated at several hundred barrels daily. The pressure was 300 pounds on tubing, and there was no water trouble. Depth is below 3,600 feet.

Fohs Oil Company and the Pilgrim Exploration Company are below 3,500 feet on their Grace A-4 in the southwest quarter of the southeast quarter of Section 31-17-14, Nick Springs, and are expected to hit pay sand soon. Andrew Erwin, and the Delta Drilling Company are working over their Grace No. 2 in the southeast quarter of the southeast quarter of section 31-17-14 after a squeeze job failed to cut off water. One or two new locations are expected in the field soon.

M. H. Harr Jr. is drilling below 2,800 feet on his Tillman No. 1, in Section 9-18-13, east edge of the Urbana field.

Charles H. Murphy Jr. has started work on his Decimus Cates et al. B-2 in Section 33-18-13, El Dorado south field.

Nick Springs' 10th Well In Good Flow

10-26-40

Special to the Gazette.

El Dorado, Oct. 25.—The C. T. Grace A-4 of Fohs Oil Company and Pilgrim Exploration Company in north one-half southwest southeast of 31-17-14, Nick Springs, was flowing the allowable of 100 barrels daily today after completion late yesterday. Perforation was at 3,700-24 feet. Gas pressure was strong and there was no water. This is the 10th producer for the field.

A quarter-mile east the Delta Drilling Company and Andrew V. Erwin finished a squeeze job on their Grace No. 3 in west one-half southeast southeast of 31-17-14, and obtained an initial flow of 10 barrels hourly from 3,400 feet. New locations are being staked.

H. Harr Jr. has abandoned as dry the C. W. Tillman No. 1 in 9-18-13, Urbana, at a depth of 3,045 feet. C. H. Murphy Jr. has set surface pipe in the Decimus Cates et al. B-2 in 33-18-15, a Nacatosh test. Bradham and Brooks are preparing to test their Finley No. 1 in 12-17-14, Rainbow, at 3,750.

Two Producers Completed In Union County

12-3-40 Dem.

El Dorado—Two new completions were recorded and two other wells were recompleted after successful squeeze jobs during the past week in the El Dorado oil territory.

Both of the newest producers are pumpers located in the Rainbow City field northeast of El Dorado while the recompletions were in the Urbana field.

One of the new wells is the Mary Finley No. 1 of E. G. Bradham and

Zack Brooks located in section 12-17-14. The well is flowing from 15 to 30 barrels daily after being perforated a second time at 3,034 feet. The well made salt water in the first testing operations at 3,095. Standard rig is to be installed at once.

The second pumper is the Connor No. 1 of D. N. Staples and associates in section 11-17-14. Pumping equipment is to be installed with the well now flowing between 50 and 60 barrels a day with some salt water.

One of the Urbana field recompletions was on the Brown No. 2 of the Marine Oil Company in section 3-18-13. Although a squeeze job was completed, the well continues to make a small amount of water. It will be placed on the pump immediately and officials are hopeful that the flow of water will disappear.

The other Urbana producer is the Howe No. B-1 of the McCreslin Oil Co. in section 3-18-13. The well is to be placed on the pump as soon as standard rig has been installed following completion of a squeeze job which is believed to have eliminated the flow of salt water.

Testing operations on a shallow sand well on the edge of production in the old El Dorado south field are scheduled to begin the first of the week. The well is the Decimus Cates et al. B-2 in section 33-18-15. Casing has been set at 2,125 feet for testing of the Nacatosh sand. It is the first well to be drilled in that part of Union county in many years.

Recent rumors of new activity in the Nick Springs area to the southeast of El Dorado became fact this week with the announcement of the drilling of two new tests, locations being made. One is the C. T. Grace No. 5 of the Fohs Oil Company and the Pilgrim Exploration Company in the northeast corner of the southwest quarter of the southeast quarter of section 31-17-14. The other is the C. T. Grace No. 4 of the Delta Drilling Company and Andrew Erwin in the northwest corner of the southeast quarter of the southeast quarter of section 31-17-14. President plans call for start of drilling operations on both tests at an early date.

The week also brought one new operation for the Rainbow City field. The new location is the W. L. Rowland No. 1 well of Curtis Kinard and associates in the southwest corner of the southeast quarter of the northeast quarter of section 15-17-14.

Two New Urbana Field Wells In

11-16-40

Special to the Gazette.

El Dorado, Nov. 15.—Two new oilers are in at Urbana and production pipe has been set on one at Nick Springs, while two other wells have been spudded in.

Marine Oil Company's W. B. Thompson B-8 in 3-18-13 is rated at 50 barrels daily and McCreslin Company's Hadley No. 4 in 3-18-13 is making 60 barrels daily by heads.

At Nick Springs Delta Drilling Company and Andrew V. Erwin set production string on their C. T. Grace No. 4 in 31-17-14. Fohs Oil Company started drilling under surface pipe on the Grace No. 5 in 31-17-14 today. Charles H. Murphy Jr. is running tubing to pump his Cates B19 in 33-18-15, which was completed with cable tools as a small pumper. Harry Porter is drilling below 2,000 feet on the Raulston No. 1 in 13-17-14, and Walter Low is rigging up on the Hughes No. 1 in 32-17-14.

Two New Wells In
Democrat 11-16-40
El Dorado—Two new wells have been brought in at the Urbana field, the Marine Oil Company's W. B. Thompson B-8, rated at 50 barrels daily and the McCreslin Company's Hadley No. 4, which is making 60 barrels. Two other wells have been spudded in.

Tenth Producer Completed In Nick Springs Field.

Special to the Gazette.

El Dorado, Nov. 19.—The Nick Springs field chalked up its tenth producer today when Delta Drilling Company and Andrew V. Erwin brought in their C. T. Grace No. 4 with an initial flow of 17 barrels an hour, with no water trouble. The flow was through a 24-64ths choke. Gas pressure was good. Pipe was perforated at 3,707 feet. The well is in section 21-17-14.

Two Wells Completed In Union County

Special to the Gazette.

El Dorado, Dec. 28.—Oil opera-

Wild Gusher Placed Under Control

Special to the Gazette. 12-18-40

El Dorado, Dec. 17.—Rowland No. 1 well of Curtis Kinard, in section 15-17-14, old Rainbow City oil field, which blew in field early today, was placed under control tonight when operators placed a master valve on top of the casing and shut off the flow.

Mr. Kinard said that he probably would run tubing and attempt to recomplete the well. Observers estimated it was flowing at the rate of 2,000 barrels daily under heavy pressure before it was cut off.

The well is located in the northwest corner of the east quarter of the northeast quarter of the section. It offsets old Rainbow production in several directions. Production is being obtained from 2,850 feet in the Blossom sand.

Hope to Stop Flow.
The well blew in after casing was perforated at 2,850 feet. After several sections of pipe had been run into the hole, the well got out of control as the pressure built up.

Kinard, an independent operator, has drilled several unsuccessful tests the past year. He said this afternoon that the well would have been an excellent producer had not the pressure blown it from control, but added that he still hoped for a good producer.

It was reported here today that an offset to the location will be started this week-end.

Rainbow City Gusher Remains Under Control.

Special to the Gazette. 12-19-40
El Dorado, Dec. 18.—Curtis Kinard's Rowland No. 1 well in Rainbow City field, which blew in as a gusher and spurted oil over the erick for more than 10 hours yesterday, remained choked off tonight while operators began erecting tanks. Mr. Kinard said that valves will be placed on the choke within three or four days and the well will be allowed to flow on a controlled basis. He expressed confidence he has a good producer.

It was estimated that the well is capable of several thousand barrels of oil daily.

El Dorado Has Two New Oil Producers

Special to the Gazette. 12-26-40
El Dorado, Dec. 25.—Two oil producers were brought in today. Completed with a potential flow of more than 600 barrels daily, the W. B. Thompson A-15 of Marine Oil Company, in section 3-18-13, Urbana field, has been pinched back to the allowable of 100 barrels daily. Completion was from slightly below 3,000 feet, and gas pressure was heavy, with no water trouble.

Brought in as a huge gasser, the No. 5 C. T. Grace of Stacy & Erwin, in section 31-17-14, Nick Springs field, steadily is showing a larger amount of oil. The flow today was around 40 barrels. The gas flow is more than a million feet daily, and pressure is more than 1,000 pounds. Depth is about 3,700 feet.

Other Drilling Operations.
C. H. Lyons and Root Petroleum Company are below 2,600 feet on their Powhatan Winn Estate No. 1, in 11-18-13, Urbana, an outside east edge well.

In the Rainbow field, Curtis Kinard has erected storage and will install separator at his Rowland No. 1, in 14-17-14, which blew wild when tested last week.

E. G. Bradham is below 6,000 feet on the Slaughter No. 1, in 9-17-16, Lisbon field.

Two Wells Completed In Union County

Special to the Gazette. 12-29-40
El Dorado, Dec. 28.—Oil opera-

tions in Union county were brighter this week, with two completions recorded.

Marine Oil Company completed its W. B. Thompson A-15 in the Urbana field and Stacy & Erwin completed their C. T. Grace No. 5 well in the Nick Springs field.

With a potential flow estimated at 600 barrels of oil daily, the Marine completed its well in Section 3-18-13. Flow has been cut back to the field allowable of 50 barrels a day. The test was brought in just below 3,000 feet. Casing pressure was 1,100 pounds and tubing pressure 600 pounds.

Making Good Crude Production.
Brought in originally as a gasser, the Grace well now is making the Nick Springs field allowable of 100 barrels of good quality crude a day. Gas production has dropped from a million cubic feet to 500,000 feet daily.

Casing pressure was 1,100 pounds and tubing pressure 900 pounds. The test is in Section 31-17-14 and was brought in at about 3,700 feet.

Curtis Kinard, whose Rowland No. 1 well in Section 15-17-14, Rainbow field, came in as a gusher last week, still is preparing a separator on the well site. Storage tanks have been erected and Kinard expects to bring in the well again soon.

E. G. Bradham, drilling the A. E. Slaughter No. 1 in Section 9-17-16, is coring in lime at 6,739 feet.

In Section 32-17-14, the Grimes Bros. are drilling at 3,200 feet on the Hughes No. 1.

Charles H. Murphy Jr.'s Decimus Cates et al. No. 3, is down 2,400 feet, where operators are setting another string of intermediate casing. The well is located in Section 33-18-15.

Operators are coring at 3,025 feet on the C. H. Lyons and Root Petroleum Company Powhatan Winn Estate No. 1 in Section 11-18-13. This is an outside east edge well in Urbana.

Coffee and Adams are preparing to move in rig on their Schmidt No. 1 well in Section 15-17-14. This well is in the northwest corner of the section, while Kinard's gusher is in the northwest quarter of the section.

One Permit Issued.
Only one permit was issued this week. It went to the Ozark Natural Gas Company, to drill the Henry Ramsey No. 2, located on the southeast corner of the northeast quarter of Section 31-10-26, Franklin county.

Union County Activity Falls Off Sharply.

Special to the Gazette. 1-5-41
El Dorado, Jan. 4.—Union county oil development dipped sharply this week, with no completions recorded and one dry hole announced.

The dry hole was E. G. Bradham's Slaughter No. 1 in Section 9-17-16, which was abandoned at 6,800 feet after tests at that depth failed to encounter any prospects of production.

Immediate hope for another Urbana field well faded somewhat as the Root-Lyons Powhatan Winn No. 1 well in Section 11-18-13, shut down at 3,610 to await orders.

Lyons' Hughes No. 1 well in Section 32-17-14, also was shut down this week at 2,400 feet to await pipe.

Charles Murphy Jr.'s Decimus Cates et al. B-2 in Section 33-15-18 continued to drill ahead below 3,400 feet under a second string of casing, set at 2,500 feet. This well will be a deep test.

In Section 11-17-14, the Conner No. 1 of D. L. Staples, was reported going on the beam for a small pumper.

Curtis Kinard, whose Rowland No. 1 well in Section 15-17-14 blew in as a gusher two weeks ago, is attempting a squeeze job after swabbing operations produced salt water.

Coffee and Adams spudded in yesterday on their Schmidt No. 1 well in Section 15-17-14. This well is west of the Kinard-Rowland test.

Four Drill Permits Issued.
Four permits to drill were issued to:

Berry Asphalt Company, to drill the G. S. Martin No. 1, located 330 feet north and east of the southwest corner of the northeast quarter of Section 17-14-19, Ouachita county.

Barnsdall Oil Company, to drill the R. R. Cornelius No. 1, located in the center of the southwest quarter of the northwest quarter of Section 28-17-23, Lafayette county (3,350 feet prospective).

H. Crow, W. C. O'Ferrall and A. B. Turner, to drill the J. W. Smart No. 1, located in the center of the southwest quarter of the southwest quarter of Section 12-15-20, Columbia county.

McCreslin Oil Company, to drill the K. D. Parker No. 2, located 270 feet north, 290 feet east of the southwest corner of the northeast

quarter of the southeast quarter of Section 3-18-13, Urbana field, Union county.

R. A. Tillery plugged two wells in Smackover, Hassie Hunt plugged one in Atlanta field, and Texaco one in Smackover this week.

New Deep Test At Snow Hill Projected

Special to the Gazette. 1-19-41
El Dorado—With no completions during the period, an important development the past week in the El Dorado territory was the announcement of a deep test in the old Snow Hill area.

The prospects of additional drilling in the vicinity of Snow Hill is expected to cause considerable interest. Several deep sand wells were drilled in that vicinity several years ago, production being obtained in the lime formation.

The new location is J. E. Murphy No. 1 of George Koury, in section 29-15-15, in the vicinity of where the other wells were drilled. Permit has not been obtained and no announcement has been made as to the date for drilling.

Bob Milan is starting another test in his shallow sand pool in the old Smackover field developed during the past year. He obtained permit for the G. J. Childs No. 2 northwest corner of the southeast quarter, northwest quarter of section 8-16-16.

Milan this week finished reworking of his G. J. Childs No. 1 on the same lease as the new test, with steady production. The well is flowing around 100 barrels of low gravity oil daily along with about 400 barrels of salt water. A squeeze job had been carried out on the well in an effort to eliminate the salt water.

The deep test, Cates B-2 of Charles H. Murphy Jr., section 33-18-15, at the edge of production in the old El Dorado south field is shut down while repairs are being made.

Three Shallow Tests Due In Soon in Union County.

Special to the Gazette. 1-26-41
El Dorado, Jan. 25.—Three shallow wells neared final stages this week-end and there were strong hopes that they would be producers.

Near Smackover Bob Milan, drilling the Childs No. 2 in section 8-16-16, was preparing to make final tests. Milan several weeks ago completed the Childs No. 1 for a good pumper and is piping the oil to the Cross refinery near Smackover.

Harry Porter's Raulston No. 1, in section 13-17-14, Union county, also is nearing completion. Casing was set to 2,800 feet in the well early this week.

Sam Richardson also is due to test this week end on his Goodwin B-3 in section 32-15-15 near Smackover. He set casing at 2,645 feet.

In Ouachita county Frank J. Hughes has erected derrick pattern on his Rath and Cartier No. 1, in section 35-13-18, six miles west of Camden.

Grimes brothers still are working on stuck casing at 1,198 feet on their Hughes No. 1 well in section 32-17-14, Union county. Total depth is 3,363 feet.

Cates C-1 Below 5,700.

Charles H. Murphy Jr. is drilling below 5,700 feet on his deep test near Catesville in Union county, the Cates C-1. Slight showings were obtained at 5,507 feet and 5,610, but operators are drilling ahead in the Morgan formations.

The Conner No. 1 of D. L. Staples, completed about two months ago, has been gauged at 120 barrels a day on pump. The well is located in section 11-17-14.

Only one permit was granted this week by the Arkansas Oil and Gas Commission. It went to the Fohs Oil Company to drill the Eva J. Dunbar No. 2 at Nick Springs. The well is located 150 feet east, 620 feet south of the northwest corner of the northeast quarter of the southwest quarter of section 31-17-14.

Good Pumper Is Reported By El Dorado

Special to the Gazette. 2-2-41
El Dorado—Completion of one new producer—a good pumper—featured developments the past week in the El Dorado oil territory. The pumper is the Raulston No. 1 of Harry Porter and associates in section 13-17-14, Rainbow City field. Completion extends the producing area about a half mile to the south in the west ridge of the field.

Still another producing formation for the Rainbow area, about the 7th in that field, is believed to have been

encountered in the Porter well. A hard rock formation, not previously known in the area, was hit at a depth of 2,600 feet. The well is pumping at the rate of 120 barrels daily and operators are hopeful production may climb to around 200 barrels per day. The oil is said to be 31 gravity.

Another well was near final stages, the B. Goodwin No. 3 of Sam Richardson and associates, in section 33-15-15, near Smackover creek, Union County. Pumping equipment was reported being installed following perforation of casing from 2,540 to 2,548 feet.

On the deep test of Charles H. Murphy Jr. in the old El Dorado South field, operators were encouraged by showings. The well is below 6,200 feet, nearing a deep lime formation expected at around 8,000 feet. There was one showing of oil at 5,500 feet and another at 6,100 feet.

One new test is being started in the Nick Springs area. The Fohs Oil Company is rigging up on the Dunbar No. 2, in section 31-17-14.

Curtis Kinard has started another new test in the Rainbow City field. It is the Gregory No. 1, southwest corner of the southwest quarter, northeast quarter of section 15-17-14. The new operation is to the west of the Rowland No. 1 of the same operator which blew in recently.

The Grimes Brothers are still coring, trying to free lodged casing in their Hughes No. 1, in section 32-17-14, an outside test in the Nick Springs field.

George Koury is preparing to drill on his J. E. Murphy No. 1, Old Snow Hill area of the Smackover field, Ouachita County.

Also in Ouachita County the Berry Asphalt Company is drilling around 2,150 feet on the G. S. Martin No. 1, section 17-14-19.

Bob Milan is preparing to start his third well in a small new pool in the old Smackover field. It is the G. J. Childs No. 3, southwest corner of the southeast quarter, northwest quarter of section 8-16-16.

New Well Completed in Saxon Field Near Smackover.

Special to the Gazette. 2-21-41
El Dorado, Feb. 20.—Robert Milan completed his third well in the Old Saxon field, three miles from Smackover, when he brought in the G. J. Childs A-3, in section 8-16-16.

The well was completed in the upper Blossom structure at around 2,530 feet. The test was drilled in last night and was swabbed and put on pump today.

Milan is rigging up on the Childs B-1, in same section. He is selling the oil to the Cross refinery near Smackover.

In the same section, 8-16-16, McDonald & McDonald have set casing on their J. D. Reynolds-Laney No. 2 at 2,690 feet, and are expected to perforate Saturday. Heavy saturation of oil was found in cores early this week.

Milam's Third Well In, New Test Started

Special to the Gazette. 2-23-41
El Dorado, Feb. 22.—Oil activity was centered this week in the old Saxon City field, six miles west of Smackover, where Bob Milan has completed three pumps recently and is preparing to drill a fourth.

McDonald and McDonald are drilling a well in this sector and have made location for another. The C & D Oil Company also is drilling a well in this area.

Milan completed his G. J. Childs A-3 for the best producer of his three this week. The well was completed in section 8-16-16 at 2,530 feet in the upper Blossom sand. The casing was perforated Wednesday night and swabbed in early Thursday and placed on pump. No estimate of production has been made, but operators said it was producing more than Milan's two other wells. Oil from the three wells is being piped to the Cross refinery near Smackover.

New Test Rigged Up.

Milan is rigging up on his Childs B-1 in section 8-16-16 and is slated to start drilling the first of the week.

McDonald and McDonald set casing this week-end on the J. D. Reynolds-Laney No. 2 in section 8-16-16 at 2,693 feet and were expected to perforate soon. Cores taken early this week had heavy saturation of oil.

The Reynolds-Laney No. 2 in the same section is being rigged up, and drilling is expected to start soon.

The C. & D. Oil Company is reported drilling about 2,500 feet on the C. L. Saxon No. 1 in section 8-16-16 and will reach the Blossom

sand this week-end.

Also near Smackover in Ouachita county George Koury has set 10-inch casing at 80 feet and is drilling ahead at several hundred feet on his J. E. Murphy No. 1 in section 28-15-15.

Sam Richardson is completing a squeeze job on his Goodwin B-3 in section 32-15-15, Ouachita county, at 2,645 feet. The well is making water and a small showing of oil.

Although no definite decision has been reached on the well, operators of Charles H. Murphy Jr.'s Cates C-1 in section 33-18-15 are hoping to avoid showings of salt water below 7,600 feet. Cores taken this week from 7,580 to 7,600 feet show water and an odor of oil. Operators are coring and reaming ahead at 7,740 feet.

Nick Springs Well Nears.

In the Nick Springs field east of here the Fohs Oil Company and Pilgrim Exploration Company are about to complete a squeeze job for successful completion of their Dunbar No. 2 in section 31-17-14. Production is expected at 3,793 feet. It would be the 13th producer in Nick Springs.

Marine Oil Company has made location for a well in the Urbana field. It will be the M. D. Ballard No. 1 in section 10-18-13.

Curtis Kinard is rigging up for his Ward No. 1 in section 14-17-14, near Rainbow.

No drilling permits were issued this week, but permits to plug were issued to:

Texas Company, to plug one well in Smackover; Louark, to plug one in east Magnolia field; C. M. Crooty, to plug one in Union county, and Ohio Oil Company to plug one in Rainbow field, Union county.

Production Pipe Being Set On Cates C-1 Well.

Special to the Gazette. 2-26-41
El Dorado, Feb. 25.—Charles H. Murphy Jr. is setting seven-inch production pipe at 7,775 feet in the Cates C-1 well in section 33-18-15, El Dorado south field.

A showing was found in the lime and promising sands were tapped at two higher levels. The deep well is located at Old Catesville, shallow production area.

Fohs Oil Company et al expect to complete a squeeze job tomorrow on their Dunbar No. 2 in 31-17-14, Nick Springs, at 3,700 feet.

Another Saxon City producer looms as McDonald et al test their Reynolds No. 2, in section 8-16-16, where two good wells recently have been brought in and two others are drilling.

Saxon City Field Has New Well

Special to the Gazette. 2-28-41
El Dorado, Feb. 27.—The fourth New Blossom sand producer of the Saxon City field, four and a half miles west of Smackover, in Section 8-16-16, Union county, was completed today when the J. D. Reynolds-Laney No. 2 of McDonald & McDonald was brought in.

Casing was set at 2,694 feet and perforated this week. The well was washed in last night and put on pump. No estimate of production can be made until the hole has been cleaned.

Other Wells Near Completion.

Two other wells in the same vicinity are preparing for final testing this week-end.

The McDonalds have set casing on the Reynolds-Laney No. 1, in Section 8-16-16, at 2,690 feet. A good showing was obtained in initial tests, it was reported.

In Section 4-16-16, the C. & D. Oil Company has set casing at 2,650 feet on the C. L. Saxon No. 1. With four wells producing in the Saxon City field, that area now is probably the most active in Arkansas.

Bobby Milan has three producing wells in that sector. Milan is rigging up on his Childs B-1, in Section 8-16-16.

Saxon City, Nick Springs Tests In

Special to the Gazette. 3-2-41
El Dorado, March 1.—Two completions were registered in Union county this week and much interest centered around three other tests, which are scheduled for final testing this week-end.

Completions were made in the Saxon City field west of Smackover and in the Nick Springs field six miles east of El Dorado.

McDonald and McDonald completed their J. W. Reynolds-Laney No. 2 in section 8-16-16, Saxon City area Thursday for a good pumper, the fourth such well brought in in that area in two months. Casing was set at 2,694 feet in the upper Blossom structure, a new producing sand for the Saxon City.

Bob Milan has drilled three successful pumps in the same section in the past two months and is rigging up on a fourth well, the G. J. Childs No. B-1, and is expected to start drilling about the first of the week. Milan has just finished deepening his Childs A-3.

Second completion was the Fohs Oil Company's Dunbar No. 2 in section 31-17-14, Nick Springs field, for the 13th producer of that area. The well, completed at 3,748 feet, is reported making about 10 barrels an hour through a 3-8 inch choke.

Two Others Due In.

Two more wells being drilled in the Saxon City area are due for final testing this week-end.

The C. & D. Oil Company has set casing on its Saxon No. 1 in section 4-16-16 at 2,650 feet. Schlumberger tests made early in the week were reported favorable.

McDonald and McDonald also set casing this week at 2,690 feet on their J. W. Reynolds-Laney No. 1 well in section 8-16-16.

Sam Richardson, who drilled the Goodwin B-3 in section 32-15-15 near Standard Umsted in Ouachita county, has put the well on pump following completion of a squeeze job. The well still is making water with a small showing of oil but may improve when the hole is cleaned.

Preparations are being made for final testing on the Cates C-1 well of Charles H. Murphy Jr., in section 33-18-15 southeast of El Dorado. The well is slated to be perforated either tomorrow or Monday. Casing has been set to 7,700 feet. Although prospects at that depth have not been reported bright, a good producer would result in considerable drilling activity in that area.

In section 10-18-13, Urbana field, about 16 miles southeast of here, the Marine Oil Company still is rigging up on its Ballard No. 1 well.

Oil and Gas Mud Obtained At Murphy's Cates C-1 Test.

Special to the Gazette. 3-5-41
El Dorado, March 4.—Ten stands of oil and gas cut mud and two stands of drilling water were obtained in drill stem tests this afternoon on Charles H. Murphy Jr.'s Cates C-1 well in section 33-18-15, near here. Additional tests are planned.

Tests were made between 7,584 and 7,589 feet, and operators reported high gravity oil was shown. Tests were made in the Jones sand.

Operations were halted several days ago when a perforator gun was lost, but operators pushed the lost instrument to the bottom and used another gun to perforate in the Jones stratum.

Interest in the well is running high, but oil men would not predict its outcome until further showings are obtained.

Production Estimate Awaited On Fifth Saxon City Well.

Special to the Gazette. 3-9-41
El Dorado, March 8.—The fifth Saxon City field well completed in the past two months was brought in this week by the C. & D. Oil Company in section 4-16-16. Bob Milan has three producing wells in Saxon City and McDonald and McDonald have one.

C. & D. set casing on its C. L. Saxon No. 1 at 2,625 feet early this week and perforated several days ago. No estimate of production has been made because the well still is cleaning itself and has not been put on pump.

McDonald and McDonald are preparing to complete their J. D. Reynolds-Laney No. 1 in section 8-16-16, Saxon City, this week-end. Casing has been set at 2,696 feet. The J. D. Reynolds-Laney No. 2 of the same firm is making about 70 barrels of oil a day and some water.

Bob Milan is preparing to set production casing on his Childs B-1 in section 8-16-16 at 2,642 feet. Milan's Childs wells—A-1, A-2 and A-3—are producing an aggregate of about 350 to 400 barrels of oil every 24 hours, it was reported.

Lion Plans Nick Springs Test.

The Lion Oil Refining Company is preparing to drill a well in the Nick Springs field, east of El Dorado. The company already has made location for its Dunbar No. 1, located 400 feet south, 150 feet west, in the northeast corner of the northwest quarter of the southwest quarter of section 31-17-17. No permit has been obtained, however.

Marine Oil Company still is rigging up on its new Urbana field location, the Ballard No. 1, in section 10-18-13, and drilling is expected to begin soon.

Fohs Oil Company's Dunbar No. 2 is flowing about 400 barrels daily, after a squeeze job completion. The well is located in Nick Springs, section 31-17-14.

Operators were reported preparing to plug back to around 5,600 feet on the Charles H. Murphy Jr. Cates C-1 well in section 33-18-15, Union county. Several tests were made this week around 7,566 feet, but no good showings were reported. The well was perforated at 7,583-89 feet early in the week and operators obtained 10 stands of oil and gas cut mud and two stands of water.

Favorable showings were found at 5,600 feet and operators hope to complete a well there.

Bradham and Brooks are cleaning out their Finley No. 1 in section 12-17-14, Union county, at 3,029 feet. This well was completed recently as a pumper.

Curtis Kinard is reported preparing to re-perforate his Rowland No. 1 well in section 15-17-14, Rainbow.

This well blew in as a gusher before Christmas, but never has been entirely successful.

Kinard is drilling ahead below surface casing on his Ward No. 1 well in section 14-17-14.

Only one regular permit to drill was issued this week by the Arkansas Oil and Gas Commission. It went to Alvin E. Stark, to drill the Fidelity Mutual Life Insurance Company No. 1, located in the center of the northeast quarter of the southwest quarter of section 16-2-16, west of Hazen, in Prairie county.

Operators still are testing.

The Marine Oil Company is drilling below 3,500 feet on its Ballard No. 1 test in Section 10-18-13, Urbana field.

Lion Oil, having obtained permit this week, is rigging up on its Dunbar No. 1 well in Section 31-17-14, Nick Springs field.

Curtis Kinard has his old Rowland No. 1 well in Section 15-17-14 on pump, but no gauge of production has been made.

Kinard is drilling below surface casing on his Ward No. 1 in Section 14-17-17.

George Koury is waiting on installation of pump to begin production on his Murphy No. 1 well in Section 28-15-15 Ouachita county. The well is bottled at 1,956 feet.

Four Permits Issued.

Four permits were issued this week to:

Marine Oil Company, to drill the M. D. Ballard No. 1, located 200 feet south and west of the northeast corner of the southwest quarter of the northwest quarter of Section 10-18-13, Union county.

E. G. Bradham, to drill the L. Pelt No. 1, located 100 feet southeast of the center of the southwest quarter of the northeast quarter of Section 7-16-22, Lafayette county.

Lion Oil Refining Company, to drill the Dunbar No. 1 located 400 feet south and 150 feet west of the northeast corner of the northwest quarter of the southwest quarter of Section 31-17-14, Union county.

J. A. Reynolds, to drill the Laney estate B-3, located 200 feet south and 220 feet west of the northeast corner of the southwest quarter of Section 8-16-16, Union county.

Three Wells Under Test In El Dorado Area

Special to the Gazette. 3-17-41
El Dorado—For the first time in several weeks the Saxon City area of the old Smackover field failed to come through with a producer, and there were no completions recorded for the El Dorado oil territory the past week.

Continued testing operations, however, held interest of members of the fraternity in a deep test in the old El Dorado South field and at least two wells in the Saxon City neared

17-14, Nick Springs area, is flowing at the rate of 300 barrels daily. It is the 13th producer in that area.

One new test is being started at Nick Springs. The Lion Oil Refining Company has made location for its Dunbar No. 1, northeast corner of the northwest quarter, southwest quarter of section 31-17-14, and is expected to start moving in equipment immediately.

In the Rainbow City field, Curtis Kinard is preparing to re-perforate his Rowland No. 1, section 15-17-14. This is the well that blew in as a potential gusher before Christmas but which has been giving considerable trouble, due to salt water.

Kinard is drilling below surface casing on his O. R. Ward No. 1, section 14-17-14, an outside test to the south of the proven area in the Rainbow City field.

Drilling operations are expected to start soon on the Ballard No. 1 of the Marine Oil Company, section 10-18-13, Urbana field. The crew is now rigging up.

Saxon City Flurry Over, Union County Activity Subsides.

Special to the Gazette. 3-16-41

El Dorado, March 15.—Even the Saxon City field flurry near Smackover subsided this past week and Union county slipped back into the doldrums as far as new oil production was concerned.

However, two wells in the Saxon City field are nearing completion and permit for another has been obtained.

The Reynolds-Laney B-1 of McDonald & McDonald is waiting on cement at 2,696 feet and is expected to be perforated and tested for final completion soon. The well is located in Section 8-16-16.

Bob Milan ran a "jeep" test at 2,642 feet on his G. J. Childs B-1 test this week. He was reported to have plugged back about 50 feet after encountering trouble.

The new permit for Saxon City is for the Reynolds Laney B-3 in Section 8-16-16.

Cates C-1 Still Testing.

Operators of the Charles H. Murphy Jr. Cates C-1 well in Section 33-18-15, Union county, tested several hundred feet of sand this week in an effort to obtain production. Efforts to bring in a test below 7,700 feet failed.

No shows were obtained at 6,955 feet, while 75,000 cubic feet of gas daily was indicated at 6,914. Five thousand feet of fluid was obtained at 6,012 feet, and fluid containing 20 per cent oil also was obtained. Operators still are testing.

The Marine Oil Company is drilling below 3,500 feet on its Ballard No. 1 test in Section 10-18-13, Urbana field.

Lion Oil, having obtained permit this week, is rigging up on its Dunbar No. 1 well in Section 31-17-14, Nick Springs field.

Curtis Kinard has his old Rowland No. 1 well in Section 15-17-14 on pump, but no gauge of production has been made.

Kinard is drilling below surface casing on his Ward No. 1 in Section 14-17-17.

George Koury is waiting on installation of pump to begin production on his Murphy No. 1 well in Section 28-15-15 Ouachita county. The well is bottled at 1,956 feet.

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Lion Oil Refining Company, to drill the Dunbar No. 1 located 400 feet south and 150 feet west of the northeast corner of the northwest quarter of the southwest quarter of Section 31-17-14, Union county.

J. A. Reynolds, to drill the Laney estate B-3, located 200 feet south and 220 feet west of the northeast corner of the southwest quarter of Section 8-16-16, Union county.

Three Wells Under Test In El Dorado Area

Special to the Gazette. 3-17-41

El Dorado—For the first time in several weeks the Saxon City area of the old Smackover field failed to come through with a producer, and there were no completions recorded for the El Dorado oil territory the past week.

Continued testing operations, however, held interest of members of the fraternity in a deep test in the old El Dorado South field and at least two wells in the Saxon City neared

the completion stage.

The deep hole in which testing operations are being continued after failure to develop production in the Jones sand and Reynolds lime, is the Cates C-1 of Charles H. Murphy Jr., in section 33-18-15, just outside of South field production. Several favorable showings were obtained at higher levels and several hundred feet of formations were tested last week as the operators attempted to obtain production after encountering salt water in deeper sands.

There was a showing of about 75,000 cubic feet of gas from a depth of 6,914 feet after no showing was developed at 6,955 feet. In another test at 6,012 feet there was a showing of 5,000 feet of fluid with about 20 per cent of it oil.

Saxon City Development.

One of the wells in the Saxon City area now in final stages is the Reynolds-Laney B-1 of McDonald and McDonald, in section 8-16-16. Casing has been set at 2,696 feet and the crew is scheduled to perforate and start testing soon.

The other well is the G. J. Childs B-1 of Bob Milam, in section 8-16-16. Trouble was encountered and the well has been plugged back about 50 feet. A "jeep" test was run this week at 2,642 feet.

One new test is being started at Saxon City. It is the Laney Estate B-3 of J. A. Reynolds, northeast corner of the southwest quarter, northwest quarter of section 8-16-16.

In the Urbana field the Marine Oil Company is drilling below 3,500 feet in the Ballard No. 1, section 10-18-13.

In the Rainbow City area, Curtis Kinard has placed his Rowland No. 1, section 15-17-14, on the pump but no gauge has been obtained. Kinard has started drilling another well in that area, O. R. Ward No. 1, section 14-17-14, and is below surface casing.

The Lion Oil Refining Company has started its first well in the Nick Springs field. The Lion is rigging up for the Dunbar No. 1, section 31-17-14.

George Koury is preparing to install pumping equipment on his Murphy No. 1, section 28-15-15, in the Snow Hill area, Smackover field. The well has been showing for a small producer from 1,956 feet.

Four Permits Issued.

Petroleum development took another spurt the past week with a total of four permits issued. Three of the new locations are in Union County and one in Lafayette.

The permits follow: Marine Oil Company, M. D. Ballard No. 1, northeast corner of the southwest quarter, northwest quarter of section 10-18-13, Union County.

E. G. Bradham, L. Pelt No. 1, southeast corner of the center of the southwest quarter, northeast quarter of section 7-16-22, Lafayette County.

J. A. Reynolds, Laney Estate B-3, northeast corner of the southwest quarter, northwest quarter of section 8-16-16, Union County.

Lion Oil Refining Company, Dunbar No. 1, northeast corner of the northwest quarter, southwest quarter of section 31-17-14, Union County.

Saxon City Field Pumper In; Two Locations Made.

Special to the Gazette 3-23-41
El Dorado, March 22.—Another Saxon City field pumper was completed this week, and two locations for new wells were made. This field, located west of Smackover has been the only active section in Union county the past six weeks.

The well completed was the J. W. Reynolds Laney heirs B-1, located in Section 8-16-16. Casing was perforated at 2,696 feet early in the week. Operators are preparing to place the test on a pump. Production is expected to equal that of similar shallow wells in that area.

McDonald and McDonald made location and spudded in on the G. J. Childs No. 1, located in the center of the north half of the southeast quarter of the southeast quarter of the northwest quarter of Section 8-16-16. Porter and Perry also have staked location in the same section for a new well.

In the same section J. D. Reynolds is running production casing on the Laney heirs, B-3 to 2,710 feet and is preparing to perforate.

Bob Milam, who drilled the first recent production in Saxon City, has cemented casing at 2,642 feet on the Childs B-1 in Section 8-16-16. Nick Springs Well Due Tomorrow.

In Section 31-17-14, Nick Springs field, east of El Dorado, the Lion Oil Refining Company is making final tests on the E. G. Dunbar No. 1 around 3,500 feet. Completion is expected by Monday.

Marine Oil Company has set casing at 3,500 feet on its M. D. Ballard No. 1 well in Section 10-18-13, Urbana field, and completion is expected soon.

McCreslen Oil Company is completing a deepening job on its J. C. Parker No. 5 in Section 3-18-13 of the Urbana field. The well has cleaned itself and making about 85

barrels of oil daily from 3,015 feet.

Murphy to Perforate at 5,800.
Charles H. Murphy Jr. is preparing to perforate at 5,800 feet on his H. Cates C-1 in Section 33-18-15, Union county. This well was drilled to nearly 8,000 feet, but deep production could not be obtained and operators plugged back to where good showings were obtained.

In Section 15-17-14, Union county, Curtis Kinard's Rowland No. 1 well is reported making 30 barrels of oil and 1,200 barrels of salt water daily. Kinard's Ward No. 1 in Section 14-17-14 is drilling below surface casing.

One Permit Issued.

Only one permit was issued this week. It went to R. H. Crow, trustee, to drill the D. M. Green No. 1 located 660 feet south and 580 feet east of the center of Section 11-15-20, Columbia county.

Activity In El Dorado Area Widespread

Democrat 3-23-41

El Dorado—The Saxon City area of the old Smackover field continued as the main center of petroleum development the past week. There was one completion in the field and two locations were made.

The latest producer, which will be a pumper, is the J. W. Reynolds-Laney B-1, Section 8-16-16. Installation of standard rig is now in progress for placing the well on the beam and it is expected to produce in keeping with other wells in that vicinity. It was completed from 2,696 feet.

Drilling operations have been started on one of the new tests, McDonald & McDonald spudded in last week on the G. J. Childs No. 1, center of the north half of the southeast quarter, southeast quarter of the northwest quarter, Section 8-16-16. Surface casing was set and drilling resumed below the pipe Friday.

Harry Porter and Perry are reported to have staked a location in the same section, but description of the well was not available.

The week also saw one Saxon City well move into final stages. It is the Laney Heirs B-3 of J. D. Reynolds in Section 8-16-16. Casing was set at 2,710 feet and the crew is reported preparing to perforate.

In a workover job, Bob Milam, who has completed three producers at Saxon City, has re-cemented casing at 2,642 feet in the Childs B-1, Section 8-16-16. The well has been making some salt water and operators are attempting to cut off the flow.

The Lion Oil Refining Co. was in the completion stage Saturday with its first well in the Nick Springs area, the E. G. Dunbar No. 1, Section 31-17-14. The well will be tested in the 3,500-foot sand and completion is expected by Monday.

One well in the Urbana field is nearing completion. It is the M. D. Ballard No. 1 of the Marine Oil Co. in Section 10-18-13. The crew has set casing for testing the 3,500-foot sand, probably the first of this week. Also in the Urbana area, the McCreslen Oil Co. is completing a deepening job on the J. C. Parker No. 5, Section 3-18-13. Latest reports from the field state the well is making about 85 barrels of oil daily while clearing itself at 3,015 feet.

Charles H. Murphy Jr. is still trying to make a producer of his Cates C-1, Section 33-18-15, in the old El Dorado South field. He is planning a new perforating of the casing at 5,800 feet. This is a continuation of efforts to obtain production at higher levels, after the well developed salt water in both the Smackover lime and the Jones sand.

Recompleted recently, the Rowland No. 1 of Curtis Kinard, in Section 15-17-14, Rainbow City field, which once showed for a big producer, is making 30 barrels of oil and a large quantity of salt water. Kinard is drilling below surface casing on his O. R. Ward No. 1, Section 14-17-15.

The Arkansas Oil and Gas Commission announced Saturday that only one permit for drilling was issued the past week. This was issued to R. H. Crow, trustee, to drill the D. M. Green No. 1, center of Section 11-15-20, Columbia County.

Oil Men Hope For New Field In Union County.

Special to the Gazette 3-30-41
El Dorado, March 29.—Wildcatting in deep tests in Union county has been a total loss during the past 12 months, but members of South Arkansas's oil fraternity believe that the general average finally will catch up with exploration activities and that a new field will be brought in.

Oil followers believe the Crescent Drilling Company of Monroe, La., has a good chance to "hit" in the W. A. Burns No. 1 location about seven miles southwest of El Dorado and three miles from Shuler field production.

Within the next two weeks the Crescent is scheduled to spud in on the Burns test located on one of the best geophysical "high" in South Arkansas. The location is in the center of the northeast quarter of the southwest quarter of section 13-18-17.

Planned Several Years.
This test will culminate several years of activity in that sector.

which saw a major oil company relinquish its holdings to the Crescent when it failed to complete its unitization plan. The Crescent, finally completed such a plan.

Successful completion of the Burns test would bring about an upward trend in drilling activity.

During the past 18 months drilling in Union county has been devoted mostly to relatively shallow tests and three fairly good fields have been exploited.

Sweet Gas and Distillate In Union County Well.

Special to the Gazette 4-3-41

El Dorado, April 2.—Showings of sweet gas and distillate have been obtained in the Charles H. Murphy Jr. Cates C-1 well in Section 33-18-15, operators announced. Separator and tanks will be installed on the location, they said, and production is expected to be obtained when the hole is cleaned.

Drilled originally to more than 8,000 feet, the well was plugged back to several depths before the gas and distillate were found at 5,504-5,508 feet where perforations were made.

Gauge On Marine Test Awaited

Special to the Gazette 4-20-41

El Dorado, April 19.—Marine Oil Company added a producer in the Urbana field, southeast of here, this week at around 3,000 feet, but a gauge has not been made. It was the M. H. Simmons No. 6, located in Section 10-18-13. Operators reported that the test was flowing at a good rate.

Saxon City operations, in the northeast part of the county, continued steadily this week, with one producer in sight and another slated in several days. McDonald & Lavine perforated their G. J. Childs No. 1 well in Section 8-16-16 early this week and expect to gauge the well when pumping rig is installed. The well was perforated at 2,534 feet.

Perry & Porter perforated their Childs No. 1 well in Section 8-16-16 early this week at 2,914 feet and obtained salt water. Operators said that the hole will be plugged back and perforated around 2,600 feet, where other Saxon City producers have been found.

They said they wanted to test other levels in that area.

Powhatan Well Due In.
Another producer in the Urbana field is expected this week-end or the first of next week. It is the Powhatan Wynn Estate No. 1 in Section 10-18-13, which is expected to be completed around 3,000 feet. Cores taken slightly above that level have indicated good production.

Bob Milam has erected derrick on his Holloway No. 1 in Section 6-16-16, Saxon City edge test, and is expected to begin operations next week.

Of considerable interest is the W. A. Burns No. 1 well of the Crescent Drilling Company, Section 13-18-17, three miles east of Shuler field.

Nick Springs Addition Planned.
It was reported here that a Union county operator is planning to drill an outside well at Nick Springs, six miles east of here, soon. As the field apparently has been defined definitely, a new producer in that sector would give rise to considerable drilling.

Charles H. Murphy Jr.'s Cates No. C-1 well in Section 33-18-15 continued to give unsatisfactory results, operators reported. The well produced 92 barrels of fluid daily this week, but showed 98 per cent salt water on a 3-16 choke. Tubing pressure was 850 pounds and casing pressure 1,800.

Curtis Kinard cored some showings at 2,800 feet on his O. R. Ward No. 1 well in Section 14-17-14 this week in Rainbow City.

Two Producers Are Completed At El Dorado

Democrat 4-20-41

El Dorado—Completion of two additional producers and advancing of drilling operations on an important wildcat operation featured petroleum development activities during the past week in the El Dorado oil territory.

Several other tests moved along toward the final stages and probably will be completed during the coming week.

One of the new producers is in the Urbana field to the southeast of El Dorado. The well is the M. H. Simmons No. 6 of the Marine Oil Company in section 10-18-13. Completed from around the 3,000-foot formation, the well is reported flowing at a good rate but no actual gauge of the production has been obtained.

The other new well is in the Saxon City area of the old Smackover field. The well is the G. J. Childs No. 1 of McDonald and Lavine in section 8-16-16. It will be another pumper and is expected to produce about in keeping with other wells in that area. The completion was from a depth of 2,534 feet and pumping equipment is now being installed.

One other well reached the first completion stage in the Saxon City area but salt water developed and the completion was delayed. The well is the Childs No. 1 of Perry and Porter in section 8-16-13. The deepest well yet drilled in that area, the well developed salt water at a depth of 2,914 feet. It will be plugged back and perforated around the 2,600-foot level from which other wells in that vicinity are producing.

The important wildcat which is now well advanced in drilling operations is the W. A. Burns No. 1 of the Crescent Drilling Company in section 13-18-17, about three miles east of the Shuler field. Drilling is now in progress below 2,300 feet and the well is slated to reach interesting stages within the next week or 10 days. A second string of 9 5/8 inch casing has been set in the well. Located on a promising geophysical "high," the well holds hopes for the opening of a new pool for Union County.

Completion of another producer is scheduled during the next few days in the Urbana field. This well is the Powhatan Wynn Estate No. 1 of R. T. Adams and Associates in section 10-18-13. Excellent showings have been obtained in coring operations around 3,000 feet and it is understood that casing has been set for final testing at that level.

Bob Milam is proceeding with plans for drilling of an outside test that may result in extension of the producing area in the Saxon City field. Milam, who has four producers in the field proper, has erected derrick and is expected to begin drilling operations the first of the week on the Holloway No. 1 in section 6-16-16, several miles from the present producing area.

There also is considerable interest in reports in circulation here this week that a Union County operator will drill an outside test in the Nick Springs area, six miles southeast of El Dorado. The field apparently has been defined now and it is felt that if production is developed on the outside that considerable new drilling might result.

Unsatisfactory results continued to be obtained this week from the Cates No. 1 of Charles H. Murphy Jr., in section 33-18-15 in the old south field. The well which has been making from around 40 barrels daily to around 92 barrels per day but 98 per cent of the fluid through a three-sixteenths choke is salt water.

Showings were developed this week around 2,800 feet on the O. R. Ward No. 1 of Curtis Kinard in section 14-17-14, an outside operation in the Rainbow City field. Coring operations are being continued but it is expected that casing will be set within a few days for final testing.

Well Flowing From New Shuler Sand

Special to the Gazette 5-3-41

El Dorado, May 2.—After nearly two years of inactivity, a stray sand of the Shuler field yielded a 200-barrel producer today. The sand had been passed up by operators as non-producing.

The Leona No. 1 of Roberts and Murphy in Section 7-18-17, north side of the field, is flowing about nine barrels hourly of 40 gravity oil after being perforated at 6,900 feet. The well is showing some water, believed to be mostly wash fluid. Pressure is good and gravity higher than that of other Shuler

oils. This makes the fourth producing sand for the field, but operators are not too optimistic, since other wells in the vicinity have been dry at this level. The well is an old one worked over.

Murphy's Cates C-1 in 33-18-15, south field, is making 200,000 feet of gas daily and a small amount of distillate from 5,400 feet.

Marine Completion Exception As Union Activity Slows.

Special to the Gazette 5-11-41

El Dorado, May 10.—Marine Oil Company completed another well in the Urbana field southeast of here this week, but oil activity in other parts of the county struck an all-time low.

Marine's test, the Thompson B-7, located in section 10-18-13, was reported making about 70 barrels a day from 3,000 feet.

The Crescent Drilling Company's Burns No. 1 well in section 13-18-17, east of Shuler, is drilling below 6,700 feet. It is reported checking favorably and there is considerable royalty play in that sector.

High water in Nick Springs and various other sections of the county has held up activity considerably this week. Several locations are reported pending at Nick Springs.

One new location was made for an outside well in the Urbana vicinity. The well will be the Union Sawmill Company No. 1. Permit was obtained by Hassie Hunt. It will spud in this week-end. It is a half-mile northwest of Urbana production.

Burns Wildcat Near Shuler Tops Interest

Democrat 5-11-41

El Dorado—With high water interfering with operations to a certain extent, some wells being forced to shut down for a few days, there was only one completion the past week in the El Dorado oil territory.

Main interest, however, continues to center in the important wildcat operation three miles east of the Shuler field. This well is the Burns No. 1 of the Crescent Drilling Co., in Section 13-18-17, and is fast approaching interesting levels.

The Crescent well is now drilling at around 6,700 feet. There continues to be considerable royalty play in the vicinity of the well which is reported to be checking favorably.

A Schlumberger test was run following coring operations in the Morgan sand level, around 5,500 feet, and while no announcement has been made of the "picture" the well is reported to have encountered what appears to have been a good body of saturated sand. The well is being drilled in search of the Jones sand and Smackover lime, and close watch is being kept for a "stray" sand from which a well was recently completed at around 6,900 feet.

The week's new producer was the Thompson B-7 of the Marine Oil Co., in Section 10-18-13, Urbana field. Completed from the new sand at 3,000 feet, the well is reported flowing at the rate of 70 barrels daily.

The Crescent well and several other operations were held up several days by high water. Wells in the Nick Springs area were affected, but it is understood that several new locations were delayed.

Launching of drilling operations on an outside well in the Urbana sector was of considerable interest. The well is the Union Sawmill Co. No. 1 of Hassie Hunt, in the southeast corner of the southeast quarter, southwest quarter of Section 34-17-13. Drilling was started Friday. The well is about a half mile to the northwest of production in the Urbana area.

New Oil Pool May Be Opened In Union County.

Special to the Gazette 5-15-41

El Dorado, May 14.—Showings taken from cores this afternoon gave promise of the opening of a new oil pool in Union county, about eight miles southeast of the city. The well is the Union Sawmill Co. No. 1 of the Anthony Oil Company, and is in section 15-18-14. Fifteen feet of saturated oil sand was reported encountered at 2,230 feet. Casing will be set tomorrow for final testing in Nacatoch sand. There is no production in that area.

Shuler Field Wildcat May Be Innovation

Democrat 5-18-41

El Dorado—With one completion recorded, main interest the past week among the El Dorado oil fraternity centered in a wildcat operation east of the Shuler field, and in a well to the southeast of El Dorado that may result in the opening of a new oil pool for Union County.

The week's new producer is the O. R. Ward No. 1 of Curtis Kinard, section 14-17-14, bringing about a slight extension of the producing area to the south in the Rainbow City field. Completed from 2,832 feet with pumping equipment, the well is making 31.6 gravity oil and is expected to pump approximately 200 barrels daily after it has cleaned itself.

The Shuler operation, W. A. Burns No. 1 of the Crescent Drilling Company, in section 13-18-14, is now at or near the Jones sand level from which many good producers were obtained in the Shuler field. The first core, taken at 7,446 feet, was somewhat discouraging, giving indications of salt water, but it is expected that other cores will be taken before the well is drilled down in search of the Smackover lime, probably below 7,600 feet. There is much interest in this well because of a good showing around 5,900 feet in what is known as the Morgan sand, and because it holds the possibility of opening a new field. Trading in royalty continues brisk.

The well southeast of El Dorado giving indications of unearthing of a new shallow sand field is the Union Sawmill Company No. 1 of the Anthony Oil Company, section 15-18-14, about eight miles from El Dorado on the Strong highway. Casing was set after cores revealed 15 feet of saturated sand in the Nacatoch formation around 2,230 feet. Testing is scheduled to start the first of the week. Operators are confident of a well that will make from 200 to 500 barrels daily.

In the Urbana field the Marine Oil Company is drilling below 2,200 feet on the Union Sawmill Company No. 2-5, section 3-18-13.

In the Saxon City area of the Smackover field squeeze jobs are in progress on at least three wells and these are expected to be completed as producers during the coming week.

Starting the first of the week engineers of the Oil and Gas Commission will begin a survey of leases in connection with the stream pollution problem. They will visit all fields to check what facilities are available for disposal of waste oil and salt water.

Marine Completes Only New Union County Well.

Special to the Gazette 5-25-41

El Dorado, May 24.—Raising of prices for South Arkansas and North Louisiana crude highlighted activities in this sector this week, although one completion was made in the Urbana field of Union county.

Standard Oil of Louisiana was the first to increase its price 10 cents a barrel on oil from seven fields in South Arkansas. This became effective at 7 a. m. Thursday.

Lion Oil Refining Company and Root Petroleum Company followed yesterday, making the increase effective as of Thursday.

The completion was the Marine Oil Company's Union Sawmill No. A-5 in section 3-18-13, Urbana. The well is flowing the 100-barrel a day allowable from 3,000 feet, operators said. Marine is moving in rig for the W. B. Thompson No. E-8 in section 10-18-13 of the same field.

J. E. Head and associates are drilling below 3,200 feet on their Union Sawmill No. 1 well in SW SE of section 34-17-13, north of Urbana. Small showings have been reported around that depth.

East of the Shuler field the Crescent Drilling Company was reported setting five and a half inch casing to the Morgan sand on its W. A. Burns No. 1 test in section 13-18-17. Casing will be set to about 5,600 feet, while the well has been bottomed around 7,550 feet.

Urbana Field In Spotlight This Week

Gazette 5-25-41

El Dorado—Although interest was centered during this week in two

wildcat operations, the Urbana field came through with the only completion.

The newest producer is the Union Sawmill Company No. A-5 in section 3-18-18. The well is producing around the allowable figure of 100 barrels daily at 3,000 feet.

The Urbana area also holds some of the drilling spotlight since one outside operation is in progress and one new test is being started.

North of the Urbana producing sector J. E. Head and Associates are drilling around 3,200 feet on the Union Sawmill Company No. 1 in the southeast corner of the southwest quarter of the southwest quarter of section 34-17-13.

The Marine Company is starting the new test. It is the W. B. Thompson No. E-8 in section 10-18-13.

An eminent Shuler wildcat is the W. A. Burns No. 1 of the Crescent Drilling Company in section 13-18-17, three miles east of the rich Shuler area, drilled to below 7,550 feet.

Completion of the wildcat well, scheduled this week, was delayed while final title work was being completed. This well is the Union Sawmill Company No. 1, of the Anthony Oil Company in the northeast corner of the northeast quarter of section 15-18-14. Encouraging showings were obtained in the Nacatosh sand and operators feel the well may open a new pool for Union County.

Union Test Gives Hope Of New Field

Special to the Gazette. 5-31-41

El Dorado, May 30.—A new oil pool in Union county was visualized today after the W. A. Burns No. 1, semi-wildcat well in 13-18-17, three miles east of Shuler, yielded a heavy flow of gas and some oil when tested near the Morgan sand level.

Pipe was perforated at 5,532-37, and the gas flow was rated at five million feet daily, and pressure of 1,600 pounds. There was some oil but no salt water.

Crews are preparing to re-perforate a few feet lower, probably Monday, on a geophysical high, which tested salt water at 7,700 feet, but showed oil at two or more other levels.

Operators Attempting to Halt Gas in New Field Opener.

Special to the Gazette 6-1-41

El Dorado, May 31.—Testing was continued this week-end on the Crescent Drilling Company's W. A. Burns No. 1 well in Section 13-18-17 west of El Dorado, as a new producing sector loomed for El Dorado on the strength of showings obtained Thursday night and yesterday.

The well is a semi-wildcat and is located three miles east of the prolific Shuler field.

In tests the middle of the week the well flowed about five million cubic feet of gas daily and some oil. Perforations were made about 5,532-37 feet, and pressure was about 1,600 pounds. Crews were preparing to make new perforations in an effort to eliminate the excessive gas flow, hoping to penetrate the oil strata. The well tested water in the big lime below 7,700 feet, but one or two other showings were obtained at higher levels.

Marine Completes Good Well. Marine Oil Company completed another good producing well in the Urbana field this week. This sector long ago set a record for consistent production, with only two dry holes being drilled in the production sector out of more than a score sunk during the past two years.

Marine's latest completion is the Union Sawmill Co. No. A-5 in Section 3-18-18. It is making 75 barrels of oil daily from 3,000 feet.

North of the Urbana field J. E. Head and associates are testing the Union Sawmill No. 1 in Section 34-17-13.

After several weeks of inactivity the Saxon City field near Smackover began to show signs of life this week. Derrick is being built on one location and a successful squeeze job has been completed on one well.

Several wells in that area, completed recently are being plugged back from 2,650 feet and will be perforated in the Blossom sand at 2,530 feet.

Pesses & Fields are building derrick on their Smackover School District No. 1 in Section 8-16-16, and drilling is expected to be started next week.

McDonald & Lavine have completed a squeeze job on their G. J. Childs No. 1 well in Section 8-16-16 at 2,530 feet. The test is pumping 40 barrels of oil daily.

Burns Wildcat Status Yet Undetermined

Democrat 6-1-41

El Dorado—Possibility of production from a new level, east of the prolific Shuler field, and completion of another producer in the Urbana field featured petroleum development in the El Dorado oil territory the past week.

The new producing sand in an undeveloped area looms on the strength of the latest showing obtained in testing on the W. A. Burns No. 1 wildcat of the Crescent Drilling Co., in Section 13-18-17, three miles east of the Shuler field.

The production is indicated from the Morgan sand but from a different depth than the wells producing from that formation at Shuler.

After showing salt water in both the Jones sand and Reynolds lime, and in preliminary testing in the Morgan sand, the well developed about five million cubic feet of gas daily and an undetermined amount of oil, in testing from 5,532 to 5,537 feet, with pressure of 1,600 pounds.

The crew in charge is making preparations to perforate the well again Monday to test at another of four or five depths where favorable showings were obtained.

The new Urbana producer is the Union Sawmill Co. No. A-5, Section 3-18-13. Completed from 3,000 feet, the well is reported making 75 barrels of oil daily.

Another well has reached the testing stage in the Urbana field. It is the Union Sawmill Co. No. 1 of J. E. Head and associates to the north of the producing area, and if completed as a producer, will extend the field.

New signs of life appeared during the week in the Saxon City area of the Smackover field which has been somewhat inactive in recent weeks. A squeeze job has been completed on one well in that area and one new test is being started.

The G. J. Childs No. 1 of McDonald & Lavine, Section 8-16-16, is now pumping 50 barrels daily from a depth of 2,530 feet, following completion of a squeeze job. It is reported that several wells completed in that area in recent months from a depth of 2,650 feet will be plugged back for testing of the Blossom sand at 2,530 feet.

The new Saxon City test is the Smackover School District No. 1 of Pesses & Fields, Section 8-16-16, on which derrick is being erected. Drilling is scheduled to start the first of the week.

Clearing of titles delayed testing this week on the Union Sawmill Co. No. 1 wildcat of the Anthony Oil Co., in Section 15-18-14, eight miles southeast of El Dorado on the Strong highway. The well, believed to hold the possibility of opening a new shallow sand pool for Union County, is expected to be tested the coming week.

Semi-Wildcat in Union County May Be Producer.

Special to the Gazette. 6-5-41

El Dorado, June 4.—Storage tanks are being built for the W. A. Burns No. 1-A, semi-wildcat drilled by Crescent Drilling Co. in section 13-18-17, three miles east of Shuler, which apparently has opened a new producing sector for Union county. The flow will be turned into tanks late tomorrow when the first gauge will be made.

The well was perforated at 5,542-46 feet and developed a pressure of 1,800 pounds. Potential oil production has been estimated at 350 barrels upward daily. The gravity is 43.5. The gas flow was about five million feet daily. There was no water.

Nearest production is in the east edge of Shuler, more than two and a half miles. A producer will lead to extensive drilling in the area.

Shipments By Lion Set New Record

Special to the Gazette. 6-6-41

El Dorado, June 5.—An all-time high volume in shipments of refined products was established during May by the Lion Oil Refining Company of El Dorado, company officials announced today.

The company shipped the equivalent of 3,300 tank cars of products, consisting of Diesel fuels, tractor fuels, kerosene, lubricating oils, fuel oils, asphalts, road oils and all grades of gasoline, from its

manufacturing plant at El Dorado, using pipelines, river barge routes and railroads. This compared to 2,828 cars in April, which also established an all-time record up to that time.

The previous record was established in September, 1940, when the equivalent of 2,821 8,000-gallon tank cars were shipped. Company products are shipped into 42 states and three foreign nations.

Last year, Lion shipped the equivalent of 27,855 tank cars of refined products, equal to approximately 800 trainloads, largest shipments for any 12-month period in the company's history.

Union County Well Opens New Pool

Special to the Gazette. 6-7-41

El Dorado, June 6.—The W. A. Burns No. 1 of the Crescent Drilling Company, center of NE SW 13-18-17, gauged 94 barrels of oil in 14 hours today after being turned into the tanks yesterday.

The Burns is producing from 5,542-46 on 15-64th-inch choke. The pressure is 1,750 on casing and 1,700 on tubing. The gas flow was about 1,600,000 feet daily. There is no salt water. The oil is 43.1 gravity.

The new pool opener is expected to lead to considerable drilling, being more than two miles from production. The producing level is about the same depth as that of the Morgan sand at Shuler. The Burns was dry at the deeper Shuler levels.

New Shuler Production Zone Indicated by Burns No. 1.

Special to the Gazette 6-8-41

El Dorado, June 7.—If reported production in the Crescent Drilling Company's new well three miles east of the Shuler field holds up, a new producing area will be established definitely, oil men believe.

The Crescent well, the Burns No. 1, located in Section 13-18-17, came in this week after being tested at 5,542-46 and was turned into tanks at an estimated flow of 150 barrels a day through 5-64 inch choke. Gas pressure is about 1,800 pounds with gas production estimated at 5,000,000 cubic feet daily. Oil is 43.1 gravity, and no water has appeared.

Oil men expressed belief that considerable drilling activity will result if production holds up. They said that as soon as the national petroleum picture became clearer, a slight upward trend in prices will result in more drilling.

More Nick Springs Activity Seen. It also was reported reliably that more drilling activity around 5,500 feet is due for the Nick Spring sector. There are 14 producing wells in that area at 3,500-3,700 feet.

Marine Oil Company completed another good well, the Thompson E-8 in Section 10-18-17, Urbana field. About 150 barrels of oil is being obtained daily from about 3,000 feet. This is the second well completed by Marine in Urbana within the past 10 days, the first being the Union Sawmill No. 5, which is making around 100 barrels a day.

Marine is moving in rig on its Thompson B-9 in Section 3-18-13, Urbana, and is expected to start drilling in a few days.

On the north edge of the Urbana field J. E. Head and associates have abandoned as a dry hole the Union Sawmill No. 1 in Section 34-17-13, below 3,200 feet.

Producing Area Opens Near Shuler

Democrat 6-8-41

El Dorado—Opening of a new producing area in the vicinity of the prolific Shuler field has featured petroleum development activities during the past week in the El Dorado oil territory.

The new shallow sand area comparing to the Jones sand and Smackover line production in the Shuler field, is indicated in the W. A. Burns No. 1 wildcat of the Crescent Drilling Company in section 13-18-17, three miles east of the Shuler production.

Turned into tanks, the well produced 154 barrels during the first 24 hours. The oil is 43.1 gravity

and there is no indication of salt water. It is flowing through a 15-16th inch choke. Pressure on casing is 1,750 pounds and on tubing, 1,700 pounds.

Although no new tests have been announced, members of the El Dorado oil fraternity feel that completion of the Crescent well will lead to additional drilling in that vicinity. The well is producing from the Morgan sand at 5,546 feet after developing salt water in both the Jones sand and Smackover lime.

It is also believed possible that drilling in search of the same or similar sands may be started in other parts of the county.

The Urbana field scored this week with another good producer, the second in the past 10 days, when the Marine Oil Company completed its Thompson E-8 in section 10-18-13. Completed from 3,000 feet, the well is producing 150 barrels as compared with 100 barrels by the Union Sawmill Company No. 5 in section 10-18-17, completed recently.

The Marine is also starting another well in the Urbana area, the Thompson B-9 in section 3-18-13.

One of the new dry holes in the Urbana area was recorded this week when J. E. Head and associates abandoned their Union Sawmill Company No. 1 in section 34-17-13, at about 3,200 feet.

In what is considered a new shallow sand pool in the county southeast of El Dorado, the Anthony Oil Company is engaged in completing what may be a 50 barrel producer on the Phillips No. 1 in section 14-18-14. Two others are scheduled to be completed during the coming week in that vicinity, casing having been set in the Union Sawmill Company No. 1 in section 15-18-14 and another test in the same section is nearing completion.

More Deep Tests Planned Near New Shuler Semi-Wildcat.

Special to the Gazette. 6-15-41

El Dorado, June 14.—No wells were completed in Union county this week, but there was much talk of activity adjacent to the Crescent Drilling Company's Burns No. 1, semi-wildcat producer in section 13-18-17, east of Shuler production. No production figures were available on the Burns test because operators have pinched off the flow until pipeline and storage facilities can be installed. Original estimate of production on the test was 150 barrels daily on small choke.

Atlantic, Crescent and Royal Oil and Gas Company own acreage adjacent to the Burns well, and although there has been much talk of more deep tests, no announcement has been made.

Marine Completing Urbana Test.

Marine Oil Company probably will complete another Urbana field producer this week-end in its W. B. Thompson B-9 test in section 3-18-13. Casing has been set to 3,500 feet, and tests were scheduled to begin tonight.

McCreslen Oil Company has begun the Hadley B-2 in section 3-18-13, Urbana field.

East Shuler Development Hanging Fire

Democrat 6-15-41

El Dorado—With no completion recorded during the period, interest last week among the El Dorado oil fraternity centered in possibility of a drilling campaign in the vicinity of the recently completed wildcat producer east of the Shuler field.

Although no announcements of new operations have been made, considerable talk has been going the rounds about drilling several new tests in that vicinity. The Crescent, Atlantic Refining Co., Royal Oil and Gas Co. and other firms own acreage in that area, and it is possible they may start tests soon.

The wildcat producer is the W. A. Burns No. 1 of the Crescent Drilling Co., in Section 13-18-17, which recently started flowing at the rate of 150 barrels daily from the Morgan sand. The flow has been pinched off pending preparation of storage and pipeline facilities, and no figures on last week's production were available.

One well is near the completion stage and another new test is being started in the Urbana area. The Marine Oil Co. started testing last night on the W. B. Thompson B-9, Section 3-18-13. Casing was set for testing of the original sand at around 3,500 feet.

The new Urbana test is being drilled by the McCreslen Oil Co., the Hadley B-2, in Section 3-18-13.

Pipeline Being Run to New Crescent Well.

Special to the Gazette. 6-22-41

El Dorado, June 21.—The Standard is constructing pipeline facilities to the Crescent Drilling Company's new W. A. Burns No. 1 well in NE SW of Section 13-18-17, three miles east of the Shuler field.

The line is being tapped into Standard's big El Dorado-Shreveport line in the vicinity of Three Creeks and is about six miles long.

Lack of sufficient storage facilities has necessitated the shutting in of the Burns producer until the outlet is completed.

The Burns test was brought in about two weeks ago and is rated as capable of producing 150 barrels of high gravity crude daily. Gas pressure is above 1,800 pounds. Production was obtained in the Morgan sand at 5,542 feet. Although no new locations have been announced, it is reported that one or two offsets are planned as soon as the well is placed on regular production.

Marine Oil Company, which for the past several months has maintained a clocklike routine of completions in the Urbana shallow field, brought in another good producer this week. It is the Thompson estate B-9 in Section 3-18-13. Marine has started drilling below surface casing on the Thompson E-9 in Section 10-18-13.

Work has started again this week in the Saxon City field near Smackover when J. D. Reynolds obtained permit to drill the Laney B-4 test in Section 8-16-16.

Anthony Oil Company's Union Sawmill No. 1 in Section 15-18-14, near Hillsboro, was tested this week and operators expect a good pumper. It is near production obtained several years ago by the late Joe Modisett.

Standard Begins Delivery Of Crescent Well's Gas.

Special to the Gazette 6-29-41

El Dorado, June 28.—Production from the Crescent Drilling Company's Burns No. 1 well in section 13-18-17 was tapped this week by the Standard Oil of Louisiana oil pipe line, and gas is being piped from the lease by the Lion Oil Refining Company.

Standard's four-inch line extends five miles and connects production from the well, which has been estimated at 135 barrels of oil daily, with its main line to Shreveport near Three Creeks in Union county.

More than a million cubic feet of gas is being produced daily from the lease. Production is coming from the Morgan sand at 5,542 feet. No new locations have been announced, although Lion, Root, Crescent and Lion own adjacent acreage.

The Marine Oil Company got its first dry hole in several months this week in the Urbana field. The dry well was the W. B. Thompson E-9 in section 10-18-13.

Gulf Refining Company is completing a plug and perforation job in the Smackover region on its Hardy and Murphy No. 1 in section 4-16-15. The company plugged back from 2,260 feet to 2,000.

The county has little activity except a few lease and royalty transactions. One seismograph crew is working, however.

East Shuler Slow to Start New Drilling

Democrat 6-29-41

El Dorado—With drilling activities at a low level, main interest among the El Dorado oil fraternity now is centered in the expected drilling campaign east of the Shuler field and in spotted lease activity over Union County that may lead to sinking of other outside tests.

The first producer in what is being called the "East Shuler Field," so designated by the Arkansas Oil and Gas Commission, the W. A. Burns No. 1 of the Crescent Drilling Company, is on production after being shut in for a time awaiting completion of facilities for taking oil and gas.

The Burns well is producing an average of 135 barrels of oil and more than a million cubic feet of gas daily. The oil is being run by the Standard Pipe Line Company through its new four-inch pipe connection, and the Lion Oil Refining Company has made connections for bringing the gas to the refinery here for use as fuel.

No announcements have been made of new locations in the vicinity of the Crescent producer. Adjacent acreage is held by the Lion, Atlantic, Crescent and Root Petroleum companies.

The first dry hole in several months was recorded for the Urbana field, southeast of El Dorado. The failure is the W. B. Thompson VE-9 of the Marine Oil Company, in section 10-18-13.

The Gulf Refining Company is completing plugging and perforation on the Hardy and Murphy No. 1, section 4-16-15. The well is being plugged back from 2,260 feet to around 2,000 feet.

Drilling of other wells is scheduled in the vicinity of the old town

of Hillsboro, southeast of El Dorado. Small producers, which have been placed on the pump, have been completed in that area recently by the Anthony Oil Company and Sam Sebersky and Associates.

Drilling in Union County At All-Time Low.

Special to the Gazette 7-6-41

El Dorado, July 5.—Union county oil operations dwindled to an all-time low this week, with only three locations worth mentioning.

Marine Oil Company set surface casing Thursday and is drilling at about 1,000 feet on its W. B. Thompson A-16, in section 3-18-13, Urbana field. This field is comparatively new, but during the past two years more than 24 producers have been completed, with only four dry holes.

The Consolidated Oil Company is reported to have obtained indications of fair production in the Hillsboro sector. The well is on the Jerry lease, section 14-18-14, in Nacatosh sand. A recent completion there by the same company is the Union Sawmill No. 1, a good pumper.

Crescent Drilling Company's Burns No. 1 well in section 13-18-17, three miles east of Shuler field, continues to flow the allowable of 150 barrels daily through 13-64ths inch choke. Pressure is still above 1,700 pounds.

It is reported that several offset locations will be staked to the north soon.

Union County Drilling Yet In Doldrums

Democrat 7-6-41

El Dorado—Only one completion was recorded in the El Dorado territory the past week, with drilling activities continuing at a low ebb as members of the oil fraternity still await development of the expected drilling campaign in the new pool east of the Shuler field.

The newest completion is the Jerry No. 1 in section 14-18-14, in the old Hillsboro sector to the southeast of El Dorado. The well is giving indications of making a producer from the Nacatosh sand but it will have to be placed on the pump, as it does not have sufficient gas pressure.

The same company recently completed another well, the Union Sawmill Company No. 1, section 15-18-14, and it is now producing on the pump.

Reports continue that a location will be started in a short time to the north of the Burns No. 1 of the Crescent Drilling Company, in section 13-18-17, which opened the new East Shuler field, but no definite announcement has been made.

The Crescent well is flowing the allowable of 150 barrels daily with pressure above 1,700 pounds. The oil is being handled by the Standard Oil Company through a new connection with through line, and the gas flow, in excess of one million cubic feet, is being brought here by the Lion Oil Refining Company for use as fuel at the refinery.

Only one operation is in progress in the Urbana field, which is rather quiet now after steady drilling during the past two years, with only four dry holes out of more than two dozen operations. The Marine Oil Company, which has been drilling most of the wells, has set surface casing at around 1,000 feet on the W. B. Thompson A-16, section 3-18-13.

One New Well Completed; One Blowout

Democrat 7-13-41

El Dorado—Only one completion was recorded in the El Dorado oil territory the past week, with actual drilling operations at a low level, but with new field activity indicated.

The newest producer is the W. B. Thompson A-16 of the Marine Oil Company, section 3-18-13, in the Urbana field, southeast of El Dorado. The well was completed from slightly below 3,000 feet.

It is making the allowable of 100 barrels daily.

There was a gas-water blowout late in the week on the Rowland No. 1 of Curtis Kinard, section 15-17-14, Rainbow City field. The well was still blowing wild Saturday from the Blossom sand at around 2,600 feet, but efforts are to be made to close the well. There was no estimate of the amount of gas along with the stream of water.

One new test is being started in the Saxon City area as a new company enters that pool of the old Smackover field. The new well is the W. C. Hodges No. 1 of the Hickory Oil Company, northeast corner of the southeast quarter, northeast

quarter of section 7-16-16. It is the first new operation in that area in several weeks although several old wells are being worked over.

The W. A. Burns No. 1 of the Crescent Drilling Company, section 13-18-17, East Shuler field, continues to hold up its production of 150 barrels of oil and about a million cubic feet of gas daily. Rumors continue to make the rounds of one or more locations in the vicinity of the producer, which opened a new producing area from the Morgan sand at 5,600 feet, but no announcements have been made.

Increase in Oil Activity In Union County Noted.

Special to the Gazette 7-20-41
El Dorado, July 19.—Oil activity increased slightly in Union county this week. A permit was obtained for the first well to be drilled in the Shuler deep field, west of here, in about two years.

Marine Oil Co. obtained a permit to drill the Justiss No. 6, on Lot 7, Section 18-18-17, on the northwest edge of the field.

At Urbana Marine set production pipe on the W. B. Thompson A-17, in Section 3-18-13, continuing its routine of drilling started in that sector more than a year ago.

A pickup was noted this week in Saxon City field, near Smackover, as the Hickory Oil Co. reported good prospects for a producer in its edge well in Section 6-16-16.

Curtis Kinard, El Dorado operator, spudded in on the D. Hill No. 1, in Section 5-16-16. The Gulf Refining Co., which drilled most of the boom-time wells in Saxon City, has just deepened and recompleted the Fincher, et al, producer in Section 33-15-16, north of Saxon City. It was reported this week-end that seismograph crews are working near Urbana and near Wesson, and in the northwest part of Union county.

Union County Oil Play In New Outburst

Democrat 7-20-41
El Dorado—One well is in the completion stage and giving indications of making a producing well and another is nearing the final stages at the close of this week in oil development activities in the El Dorado territory.

There were added signs of a slight increase in drilling activity after an extended lull over a period of several months.

The well nearing completion is of added interest because it is an edge test and if completed as a producer, may lead to additional drilling in the Saxon City area of the Smackover field.

The well is the test of the Hickory Oil Company in Section 6-16-16. In that same area, Curtis Kinard, El Dorado operator, has spudded in on his D. Hill No. 1 test in Section 5-16-16.

On the north edge of the same field the Fincher No. 1 well of the Gulf Refining Company in Section 33-15-16, is producing as a pumper after completion of deepening operations.

Set Casing.
The Marine Oil Company has set production casing in the W. B. Thompson A-17 well in section 3-18-13 in the Urbana field and the well probably will be completed within the next few days.

The first well to be drilled in nearly two years in that area is planned in the Shuler field by the Marine Oil Company. The well will be the Justiss No. 6, in lot No. 7 in Section 6-18-17 on the northwest edge of the field.

Rumors of additional wildcat drilling operations continue to make the rounds with seismograph crews now reported engaged in activities in the vicinity of Urbana, in the Wesson area, where it is reported one or two tests will be drilled, and in the northwestern part of Union County.

New Wildcat Near Wesson To Be Watched Closely.

Special to the Gazette 8-3-41
El Dorado, Aug. 2.—Drilling on the interesting wildcat test in Section 32-18-16 near Wesson is expected to begin the middle of next week, and oil men are watching closely lease and royalty activity in that sector.

Permit for the test, the Pickering No. 1, was issued this week by the Arkansas Oil and Gas Commission by Stacy-Erwin, the Delta Drilling Company and associates. The site is near C-SE NW of Section 32-18-16. Materials were moved in this week. Contract for the well calls for spudding in by Wednesday.

Marine Seeks New Sand.
Marine Oil Company is drilling below 5,600 feet on its Justice No. 1 in Section 18-18-17, Shuler field, having passed up the Morgan sand in an effort to encounter a new sand

found at 6,600 feet last year. A single well was drilled to the stray strata, but it has proved a good producer, and oil men here believe that an extension of this location is highly probable.

Curtis Kinard prepared to set pipe on his Mill No. 1 well in Section 5-16-16, Saxon City, near Smackover. Activity in Saxon City has tended toward deepening operations on several old leases. This area was pierced several years ago, but considerable production has been obtained recently from 2,600 feet, about 600 to 400 feet lower than original producing levels.

The Gulf Refining Company recently deepened two old pumps to the Nacatosh sand, obtaining good results. J. D. Reynolds of Camden is reported planning one or more wells in that area. Reynolds was one of the first operators in this area to test the new sand.

It was reported here that a high worked out in the Mt. Holly area, about 16 miles due west of El Dorado, will be drilled next fall, probably by September. Rumored locations are between Highway 82 and Mt. Holly.

New Wildcat Near Wesson On Program

Democrat 8-3-41
El Dorado—Preparation for the drilling of an important deep wildcat test in the vicinity of Wesson, to the southwest of El Dorado, overshadowed all other developments the past week in the El Dorado oil territory.

These developments included the possibility that a wildcat operation may get underway this fall in the Mt. Holly area to the northwest of El Dorado, the possibility of deepening a number of old wells in the Saxon City area of the Smackover field and prospects that another producer may be obtained from an in-between formation in the Shuler field.

Materials have been moved to the location and drilling operations are expected by the middle of the week on the Wesson test, which is the J. A. Pickering No. 1, near the center of the southeast quarter, northwest quarter of section 32-18-16, a mile northwest of the sawmill townsite of Wesson. The well is being drilled by Stacy and Erwin and the Delta Drilling Company, and the contract calls for the well to spud in by August 6.

The Wesson well will be an 8,000-foot test in search of the Smackover lime, which is producing at Shuler and in other South Arkansas fields. Much interest is attached to the operation because of the fact that good showings were obtained in a well drilled in that vicinity by the Standard Oil Company.

Mt. Holly Considered.
El Dorado oil men heard reports that the Mt. Holly "high," which was worked out three years ago may be drilled this fall with the possibility that a test may get under way during September.

After the Gulf Refining Company obtained good results in the recent deepening of two tests in that vicinity, it is believed likely that other old wells may be deepened to the 2,600-foot sand in the Saxon City area. J. D. Reynolds, Camden operator, is reported planning one or more tests in that vicinity.

Another well moved into the final stages at Saxon City this week with good showings in preliminary tests. This is the Hill No. 1 of Curtis Kinard, El Dorado operator, in section 5-16-16. Kinard is reported making plans to set casing for final test in the 2,600-foot sand.

The first well to be drilled in nearly three years in the Shuler field proper is now well advanced. It is the Justiss No. 6 of the Marine Oil Company, in lot No. 7 of section 19-18-17, and drilling is now in progress below 5,600 feet. The company decided to pass up the Morgan sand in seeking an extension to a new formation encountered late last year at 6,600 feet. Oil men believe that this sand holds prospects for prolific yield since the only well completed from that depth is a good producer.

Pickering No. 1 Wildcat Nears Coring Stage.

Special to the Gazette 8-17-41
El Dorado, Aug. 16.—Drillers on the interesting J. A. Pickering No. 1 wildcat in Section 32-18-16 near Wesson are slightly below 4,000 feet, and operators said that the coring stage probably will be reached next week.

It is likely that all sands will be cored carefully after the test reaches the 6,000-foot mark. The well is being drilled by Stacy-Erwin and the Delta Drilling Company.

Another outstanding well being

drilled in Union county, the Marine Oil Company's Justice No. 7 in Lot 7, northwest quarter of Section 18-17-18, Shuler field, is bogged down because of a broken drill steam.

The hole is below 6,300 feet and operators are fishing for the bit at 2,300 feet. The well is expected to be drilled to the 6,600-foot sand.

Delta Drilling Company and Stacy-Erwin spudded in this week on their Robert Nelson No. 1 in Section 36-17-15, Nick Springs, west of production. The well, the first drilled in this area in several months, will be taken to the 4,200-foot sand.

Phillips and Atlantic are reported to have staked location for a wildcat in Section 15-17-18, near Mt. Holly in the western end of the county for a lime test and lease and royalty trading in that area is reported booming. Royalty is reported selling for as much as \$40 an acre within two miles of the location.

In the Hibank region east of El Dorado a location has been reported for a shallow test.

Other locations in the vicinity of the Saxon City field, north of here, are reported under consideration.

Trade Brisk, Two Wildcats Staked Out

Democrat 8-17-41
El Dorado—Brisk trading in leases and royalties is reported from several sectors of Union County, two new wildcat operations are definitely planned and work goes forward on two other such tests already in progress.

Three miles south of Mt. Holly, northwest of El Dorado, the Phillips Petroleum Co. and the Atlantic Refining Co. are reported to have staked location for a lime test in Section 15-17-18.

In Section 27-18-14, in the Hibank area east of El Dorado, a location is reported for a shallow sand test.

Drilling is going forward slightly below 4,000 feet on the J. A. Pickering No. 1 wildcat of the Delta Drilling Co. and Stacy and Erwin, in Section 32-18-16, in the vicinity of Wesson. The well is likely to reach the coring stage the coming week.

A broken drill stem delayed operations on the Justiss No. 7 of the Marine Oil Co., in Lot No. 6 of the northwest quarter, Section 18-17-18, in the Shuler field. The well is down below 6,600 feet and the crew is fishing for 2,300 feet of drill stem.

Delta and Stacy and Erwin spudded in on the Robert Nelson Estate No. 1, Section 36-17-15, an outside operation in the Nick Springs field, west of production.

Offset Well to Shuler Field Extension Planned.

Special to the Gazette 8-24-41
El Dorado, Aug. 23.—The Atlantic Refining Company obtained permit yesterday to drill an east offset to the Burns discovery well of the Shuler field extension in Section 13-18-17, several miles east of here, and two other locations were reported in that area.

The Atlantic offset will be known as the Burns B-1 and is located in C-NW-SSE of Section 13-18-17. This is only a quarter-mile east of the Burns discovery well of the Crescent Drilling Company in C-NE-SW of Section 13-18-17. The other locations are reported south and west offsets.

Burns Well Producing Steadily.
The Burns discovery well has shown steady production of 130 barrels of pipeline oil daily. It was completed early in the summer.

Delay in drilling around the discovery test was caused by difficulty in settlement of royalty and lease interests.

Delta Drilling Company and Stacy-Erwin interests are drilling ahead this week-end at 5,700 feet on their J. A. Pickering No. 1, in Section 32-18-16 near Wesson, southwest of here. Cores were taken at 5,400 feet this week-end, but no showings were obtained. Additional cores will be taken around 6,000 feet. Formations are reported checking favorably.

The Delta and its associates are drilling around 3,000 feet on their Robert Nelson No. 1 test in Section 36-17-15, Nick Springs field, east of here. A west edge well in the field, it will be taken to 4,200 feet.

Marine Oil Company is reported drilling below 6,700 feet on its Justice No. 7 well in Section 19-18-17, Shuler field. Operators will make tests of sand at 6,900 feet.

Curtis Kinard is reported completing his Hill No. 1 well in Section 5-16-16, Saxon City field, and there are indications that it will be a good pumper.

The Gulf Refining Company plans to deepen a well in the same field.

Long Awaited Shuler Field Campaign Near

Democrat 8-24-41
El Dorado—While main attention continued to center this week in the Wesson wildcat, now at interesting stages, and an outside test in the Nick Springs area, there also was much interest in the apparent delayed start of oil development to the east of Shuler Field.

After weeks of waiting the El Dorado oil fraternity was cheered by the issuance of a permit for one well and the reported staking of locations for two other tests in that vicinity.

The first offset to the discovery well in the Shuler East extension opened early this summer by the Crescent Drilling Company in its W. A. Burns No. 1, section 13-18-17, will be the W. A. Burns B-1 of the Atlantic Refining Company, center of the northwest quarter, southeast quarter of section 13-18-17.

Difficulties in connection with the settlement of royalty and lease interests are understood to have been settled, and while definite announcement has not been made, it is understood locations to the south and west have been made.

Completed early this summer, the Crescent well has been showing steady production of 150 barrels of pipeline oil daily, and completion of one or more tests in that vicinity is expected to bring on the long anticipated drilling campaign.

The Wesson wildcat, J. A. Pickering No. 1 of the Delta Drilling Company and Stacy and Erwin, section 32-18-16, is drilling ahead below 5,700 feet, with formations reported checking favorably. There was some routine coring the middle of the week and additional coring is planned around 6,000 feet.

Outside production in the Nick Springs area, Delta and Stacy and Erwin are nearing the 3,000-foot level in their Robert Nelson Estate No. 1, section 36-17-15. This west edge test is slated to be drilled to 4,200 feet.

The Marine Oil Company is nearing final stages with the Justiss No. 7, section 17-18-17, Shuler field. The well is below 6,700 feet with testing operations to be carried out in the 6,900-foot formation.

In the Saxon City area of the Smackover field Curtis Kinard is completing his No. 1 well in section 5-16-16, with indications it will be a good producer on the pump. In that same area the Gulf Refining Company is making plans to deepen an old well, and the test of J. W. Reynolds, section 7-16-16, has been abandoned as a dry hole.

The recent spurt in drilling in Arkansas fields continued during the past week on the basis of permits issued for new wells from the El Dorado office of the Oil and Gas Commission.

Wildcats In Union County Near Finish

Democrat 8-31-41
El Dorado—With three wildcat operations in the county now at interesting stages, there was considerable interest among members of the El Dorado fraternity this week in the report that a deep test is being planned in the east central part of Union County. No information was available as to the exact location or as to the company or operators.

Main interest continues to center in the Wesson wildcat, J. A. Pickering No. 1 of the Delta Drilling Company and Stacy and Erwin, in section 32-18-16. The crew is now coring below 6,500 feet and is nearing the depth where the producing formation should be encountered. It is understood that small showings were obtained at higher levels.

No oil showings developed around 2,700 feet in the Robert Nelson Estate No. 1 of the Delta Drilling Company and Stacy and Erwin, in section 36-17-15, west of production in the Nick Springs field, southeast of El Dorado, but it is understood that the well will be taken down to 4,200 feet.

Delayed for some time because of a stuck drill stem, the Justiss No. 7 of the Marine Oil Company, in section 18-18-17, Shuler field, is now nearing the final stages. Drilling is in progress at 6,800 feet. The well is being drilled in search of what is considered a "stray" sand for that area encountered in a lone well drilled last year. The company hopes to hit the "pay" around 6,900 feet.

The Atlantic Refining Company is reported to have started work on location for a second test in the East Shuler extension on the Burns tract, in section 13-18-17. It was on the Burns tract that the Crescent Drilling Company this spring completed a well that is making 150 barrels

daily of pipeline oil. The increase in drilling activities in Arkansas fields, in evidence during the past few weeks, struck a snag this past week on the basis of permits issued from the office of the Oil and Gas Commission.

Union Test Coring; Another Nears Pay Zone.

Special to the Gazette 8-31-41

El Dorado, Aug. 30.—One Union county well is coring, another is nearing expected pay levels and a third is drilling ahead, after having been held up by hole trouble.

Operators of the Pickering No. 1 of the Delta Drilling Company and Stacy-Erwin are drilling ahead at 6,500 feet and taking cores intermittently. Small showings were reported at higher levels in previous cores, and operators said that production sand is nearing. This test is in section 32-18-16, near Wesson, southwest of here.

In the Nick Springs area, east of here, in section 36-17-15, Delta et al are nearing 3,000 feet on their Robert Nelson No. 1. Cores taken at a 2,700-foot level this week failed to reveal any showing of oil, but operators are reported drilling to 4,200 feet.

Marine Oil Company is drilling ahead at 6,800 feet, after having been delayed several days by a stuck drill stem. This well, the Justice No. 7, in section 18-18-17, Shuler field, will be taken to around 6,900 feet, where operators hope to encounter production from a "stray" sand tapped by one well last year for a producer.

The Atlantic Refining Company is clearing location for its Burns B-1 well in section 13-18-17, east of the Shuler field. The Crescent Drilling Company tapped this pool last spring with a producer of about 150 barrels a day.

Marine Confident Stray Sand Will Yield Producer.

Special to the Gazette 9-7-41

El Dorado, Sept. 6.—A "stray" sand in the Shuler field west of El Dorado was tapped again this week by the Marine Oil Company as pipeline was set to the firm's Justice No. 7 well in Section 18-18-17, after a good sand was reached at 6,912 feet.

Banking heavily on production in the test, operators are expected to test the sand tomorrow, but pipeline would not have been set if their had been any doubt about its capacity to produce.

.. Pickering No. 1 at 7,100 Feet. . .
The Delta Drilling Company and Stacy-Erwin were reported below 7,100 feet on the J. A. Pickering No. 1 in Section 32-18-16 near Wesson in south Union county. Operators are drilling in hard sand and shale but have not announced findings there. Other showings were favorable.

Delta and Associates are awaiting orders on the Robert Nelson No. 1 well in Section 36-17-15 on the west edge of the Nicks Springs well east of here. Operators failed to obtain any show at 3,800 feet.

Offsetting the Burns No. 1 well in Section 13-18-17, east of the Shuler field, the Atlantic Refining Company has derrick up to drill the Burns No. 2 in the same area.

First Shuler Field Test In 2 Years Due

Democrat 9-7-41

El Dorado—Testing of the first well to be drilled in the Shuler field in more than two years is scheduled to start today.

The well is the Justiss No. 7 of the Marine Oil Company, in section 18-18-17, in which casing has been set for final operations. The well is down 6,912 feet. It is reported to have a good showing in what is known as a "stray sand" from which one well has been producing for some time.

Members of the El Dorado Oil fraternity continue to give much attention to the Wesson wildcat, the J. A. Pickering No. 1 of the Delta Drilling Company and Stacy and Erwin, in section 32-18-16, down below 7,100 feet and drilling in hard sand and shale. With the well reported checking favorably, those in charge are reported encouraged.

In the East Shuler field the Atlantic Refining Company is moving in equipment after erecting derrick, for the Burns No. 2, in section 13-18-17. This well will be an offset to the east of the only other well drilled in that vicinity, the Burns No. 1 of the Crescent Drilling Company, making 150 barrels daily.

In the Nick Springs area the Delta Drilling Company and Stacy and Erwin continued to wait on orders for the Robert Nelson Estate No. 1 well, in which no showing was obtained in

tests around 3,800 feet. This is an edge test to the west and it is believed that it will be drilled to 4,200 feet.

Shuler Well In, Wesson Wildcat Cores

Democrat 9-14-41

El Dorado—While awaiting outcome of coring operations on the important Wesson wildcat, El Dorado oil circles were cheered this week by completion of two more wells, the first to be completed in the El Dorado territory in more than a month.

The Wesson wildcat, J. A. Pickering No. 1 of the Delta Drilling Company and Stacy and Erwin, section 32-18-16, near Wesson, is coring in the Smackover lime formation at near 8,000 feet. It is understood that slight oil showings have been revealed in at least one or two cores between 7,742 and 7,778 feet.

One of the new producers is in the Shuler field, and is the first to be completed in that area in more than two years. It is the Justiss No. 7 of the Marine Oil Company, section 18-18-17. Already rated good for between 350 and 450 barrels daily, the company is continuing with experiments on the well in the hope of boosting its production.

The well was completed from the so-called "stray" sand around 6,900 feet. Only one other well has been completed from that sand, but it is expected that additional drilling will follow.

Saxon City Producer.
The week's other completion was the D. Hill No. 1 of Curtis Kinard, section 5-16-16, Saxon City area of the old Smackover field, completed from 2,600 feet. The well is producing at the rate of 150 barrels a day.

Marine Test Expected In Today

Special to the Gazette 9-21-41

El Dorado, Sept. 20.—Marine Oil Company prepared to bring in another test on its prolific Urbana field holdings this week-end, while the Atlantic Refining Company and the Crescent Drilling Company are drilling ahead on an offset to the Burns No. 1, discovery well three miles east of Shuler field.

Marine's well, the M. H. Simmons No. 7, located in section 10-18-13, is expected to be completed tomorrow at 3,000 feet.

Atlantic and Crescent are drilling at 5,200 feet on their Burn B-2 in c-nw-se of section 13-18-17.

Crescent's discovery well, the Burns No. 1, in the same section, still is producing more than 100 barrels of pipeline oil daily and it has been reported that more wells will be drilled in this area soon.

Abandonment Disappointing.

Keen disappointment was felt when the Delta Drilling Company and Stacy-Erwin failed to get a showing in their interesting wildcat near Wesson, the Pickering No. 1, in section 32-18-16. The well was drilled and tested to 7,970 feet with no reasonable show, and operators are waiting on orders.

Although this area has checked "high" on seismograph tests, it is the second time that operators have missed production. Standard of Louisiana drilled a deep test in the Wesson area several years ago but abandoned it when no show was obtained.

In the Saxon City field, near Smackover, Curtis Kinard has set surface casing on his S. Farris No. 1 well in section 5-16-16. North of Kinard's well the Gulf Refining Company has obtained new production in deepening its Fincher No. 9 in section 33-15-18 from 2,250 to 2,550 feet.

El Dorado Oil Activity Continues Up

Democrat 9-21-41

El Dorado—Although members of the El Dorado oil fraternity have been keenly disappointed by the showing to date in the Wesson wildcat, there is a possibility that testing operations may be carried out.

Reports are current that casing may be set for final testing in the

J. A. Pickering No. 1 well in section 32-18-16 now down to a depth of 7,970 feet. The well has yielded only slight showings. At present, the well is waiting orders. One well nearing completion in the Urbana field this week and progress is being made on an important test in the "East Shuler area."

The Urbana well is the Marine Oil Company's M. H. Simmons No. 7 in section 10-18-13. Casing has been set in the well and completion is scheduled for today or tomorrow. The well will be tested at the 3,000-foot formation from which most new producers are being obtained in that area.

The east Shuler well is the Burns B-2 of the Atlantic Refining Company being drilled by the Crescent Drilling Company in the center of the northwest quarter of the southeast quarter of section 13-18-17. Drilling is in progress now around 5,200 feet. The well is an offset to the discovery well in that field.

Field followers are anxiously awaiting start of additional activities following staking of definite location for a wildcat in the Mount Holly area northwest of El Dorado. The Atlantic Refining has made the location for the Mary E. Davis No. 1 in the center of the northeast quarter of section 15-17-18, about two and one-half miles south of Mt. Holly.

New production has been obtained by the Gulf Refining Company in the deepening from 2,250 feet to 2,550 feet of the Fincher No. 9 in section 33-15-16.

In the Saxon City area of the Smackover Field surface casing has been set by Bob Milam in his S. Farris No. 1 well in section 5-16-16.

New drilling activities in Arkansas oil fields continued to hold up above the average during the past week.

Marine Completes Good Well In Urbana Field.

Special to the Gazette. 9-28-41. El Dorado, Sept. 27.—The comparatively shallow Urbana field, southeast of El Dorado, continued to be the only real active sector in Union county this week-end. The Marine Oil Company recorded a good producer in the M. H. Simmons No. 7 in section 10-18-13. Completed several days ago, the well is being standardized and the company expects it to make a good pumper.

In the same field Charles H. Murphy Jr. and J. I. Roberts are drilling around 2,000 feet on their Parker No. 1 in section 3-18-13.

Atlantic Refining Company and associates are drilling near 6,000 feet on their Burns offset well in the East Shuler field pool. Cores taken this week have been very encouraging, operators reported. The test, located in section 13-18-17, will be taken to around 7,000 feet, it was said.

Curtis Kinard is running an electrical log in his Farris No. 1 well in the erratic Snow Hill field north of here.

The Texas Company and the Gulf Refining Company have indicated they will continue deepening operations in the shallow Saxon City field near Smackover. Several deepening projects in that sector have been completed recently for fairly good producers.

Old Urbana Field Tries For Comeback

Special to the Gazette. 9-28-41. El Dorado.—Completion of another producer in the Urbana field and an interest level in the second well in the East Shuler field were high points in the El Dorado oil territory the past week.

The new Urbana well is the M. H. Simmons No. 7 of the Marine Oil Company, in section 10-18-13. Completed from the 3,000-foot formation, the well is in process of being standardized and is expected to make a good pumper.

The East Shuler well, Burns No. 1 of the Atlantic Refining Company and Associates, in section 13-18-17, near the lone producer in that sector, is down 5,900 feet with coring operations started. The initial cores were reported as not highly encouraging but the well is scheduled to be drilled down to at least 7,000 feet.

Also in the Urbana area, one new operation is well advanced. It is the Parker No. 1 of Charles H. Murphy Jr. and J. I. Roberts, section 3-18-13, a section in which are a number of producers. The well is drilling around 2,000 feet.

Curtis Kinard is still at work on his Farris well in the Snow Hill area of Ouachita County.

The drilling campaign in the Saxon City-Griffin area has slowed down but several deepening projects have been successful in that area recently and the Texas Company and Gulf Refining Company obtained permits this week to deepen wells.

Parker No. 1, Urbana Field, Nearing Completion.

Special to the Gazette. 10-5-41. El Dorado, Oct. 4.—Charles H. Murphy Jr. and J. I. Roberts are nearing completion of their Parker No. 1 well in Section 3-18-13, Urbana field. A good sand was registered at 3,300 feet in the Urbana sand. One or two new tests are being planned in the Urbana region.

Phillips Begins Deep Test. Phillips Petroleum Company and the Atlantic Refining Company made location and began operations this week on a long awaited deep test, the Alberta Davis No. 1, in the Mt. Holly sector, about 16 miles west of El Dorado. The test is located in NE NW of Section 15-17-18. The location is on a well defined high.

The Atlantic obtained permit to drill the Perry Briggs No. 1, located in the center of SW SW of Section 13-18-17, near the East Shuler area.

Atlantic, however, abandoned as dry its Burns B-2 well in NW SE, Section 13-18-17, East Shuler.

Curtis Kinard still is waiting orders on his Farris No. 1 well in Section 27-15-15, Snow Hill. The well tested dry at 2,800 feet.

El Dorado interests are reported planning to drill a well in Section 19-18-15 of the old South field area.

Today May See Completion Of Urbana Well

Special to the Gazette. 10-5-41. El Dorado.—With one new wildcat being started and another semi-wildcat abandoned, interests in the El Dorado oil territory at the close of the week centered in the completion of a well in the Urbana field.

The Urbana well is the Parker No. 1 of C. H. Murphy Jr., in section 3-18-13, near where a number of other producers have been completed from a deeper level.

Murphy's well is reported to have encountered a likely looking formation at the upper level, around 3,000 feet, and a good producer is anticipated when the well is completed today or tomorrow.

The new wildcat is the Alberta Davis No. 1, Phillips Petroleum Company and Atlantic Refining Company, in the northeast of the northwest, section 15-17-18. Field followers report that the well is on a well defined high.

The abandonment was in the East Shuler field where the Atlantic Refining Company ceased operations after going to 7,900 feet in the Burns No. 2, the northwest of the southeast, section 13-18-17. It was pronounced a dry hole.

Members of the oil fraternity were cheered however by the fact that the Atlantic already is preparing to drill another well in the same section. The company is setting up equipment for drilling of the Perry No. 1, center of the southwest quarter, southwest quarter, section 13-18-17. It will be an offset to the southwest of the discovery well of the Crescent Drilling Company, which continues as a good producer.

New Operations Rumored. Although announcements remain to be made it is understood several new operations are planned in the Urbana field, and one El Dorado group is reported making plans to drill in the old El Dorado South field, probably in section 19-18-15.

In the Snow Hill area Curtis Kinard, El Dorado operator, is waiting orders at 2,800 feet on his Farris No. 1, section 27-15-15, which tested dry.

Another deep lime test for the southeast section of Union County is nearing the drilling stage. Located north of Urbana and southeast of Rainbow Field production, the well will be sunk by J. R. Lockhart, independent operator. Derrick has been completed. It was reported operators plan to carry the well to the lime, expected between 5,600 and 5,700 feet. Location is NE, SE, section 19-17-15.

Two Union County Deep Tests Going Down.

Special to the Gazette. 10-12-41. El Dorado, Oct. 11.—Union county operators still are hoping for more deep production in a wildcat and in an edge test being drilled at present in this area, although attempts to obtain flush production in several sectors have failed in the past few months.

The Atlantic Refining Company and associates are drilling about 2,600 feet on their Davis No. 1 well in Section 15-17-18, south of Mount Holly, where the hole will be punched to deep lime.

East of the Shuler field in the Burns section, the Atlantic and the Crescent Drilling Company are drilling below 1,000 feet on their Perry Briggs No. 1, located in Section 13-18-17.

The well is a quarter-mile from the Burns No. 2 dry hole and is a southwest offset of the Burns No. 1 well which is producing regularly.

The Marine Oil Company et al. got a dry hole this week in a proposed extension of the Lawson-Urbana field when the Cordell No. 1 failed to make a showing. The well tested dry about 3,600 feet. The test is located in SW NW of Section 5-18-13.

An important deepening project for the old El Dorado south field is moving under way. Frank Anthony is deepening to 2,800 feet one of the wells in Section 19-18-15. J. R. Lockhart is preparing to drill in Section 19-17-13 east of the Rainbow field.

Charles H. Murphy Jr. still is working on his Parker No. 1 well in Section 3-18-13, Urbana field, which is making large quantities of gas.

Two Wild Ones About Ready For Coring

Special to the Gazette. 10-9-41. El Dorado.—With both wells rapidly approaching the coring stage, interest of the El Dorado oil fraternity centers in two wildcat operations in the western part of Union County.

The rankest wildcat and one that may mean the opening of a new field in Union County, is the Davis No. 1, section 15-17-18, of the Atlantic Refining Company and other operators, about three miles south of Mt. Holly. Coring is expected to start in the next few days with drilling in progress now around 5,200 feet. Close watch is being kept on this well for the reason that it is said to be located on a definite "high," worked out several years ago.

The other well is the Burns No. 2 of the Atlantic, in section 13-18-17, in what is known as the East Shuler field. The crew is drilling around 5,600 feet and will be ready to start coring early the coming week. The well is the third test in that vicinity, being another offset to the discovery producer after the first offset was abandoned as a dry hole below 7,000 feet.

New Urbana Gasser. In the Urbana field one well has been completed as a gasser and another is nearing completion. The gasser is the Parker No. 1 of Charles H. Murphy Jr. of El Dorado, section 3-18-13. The well is making mostly gas but the operators are hopeful it will start producing oil, since it is performing in much the same manner as other wells completed recently from the 3,000-foot sand.

The Marine Oil Company is nearing the 3,000-foot pay sand with the Union Sawmill Company No. A-6, section 3-18-13.

Another step toward start of operations on another wildcat test came this week when J. R. Lockhart moved equipment to his A. Newsom No. 1, section 19-17-13, southeast of the Rainbow City field. The well is planned as a deep lime test.

There is considerable interest in an operation in the old El Dorado South field with Frank Anthony and associates deepening an old well to the 2,800-foot sand.

Only One Permit. For the first time in several months there was a noticeable decline in the number of new tests started in Arkansas fields.

From five to seven permits have been issued each week until this week when only one drilling permit was obtained.

The new test is the Union Sawmill Company No. A-6 of the Marine Oil Company, northeast corner of the southeast quarter, southeast quarter of section 3-18-13, Union County.

New Well In Union County 500-Barreler

Special to the Gazette. 10-26-41. El Dorado, Oct. 25.—The Perry Briggs No. 1 well of the Atlantic Refining Co., in Section 13-18-17, east Shuler field, was reported tonight to be making in excess of 500 barrels daily. It was completed today.

The well is the second producer in that area, being an offset to the discovery well of the Crescent Drilling Co. in the same section. The well is free of salt water.

The completion was from the Morgan sand, the well having been perforated with 16 shots from 5,658 to 5,662 feet.

East Shuler Field Gets Second Well. El Dorado.—The East Shuler field

scored with another good producer late yesterday, with completion by the Atlantic Refining Company of its Perry Briggs No. 1 well in section 13-18-17.

Turned into the tanks last night after the well had cleaned itself, the producer was reported flowing at the rate of 22 to 23 barrels an hour on a quarter-inch choke.

At the present rate of flow the well is making in excess of 500 barrels daily. There is no salt water with the oil, it was said. The well was completed after being perforated with 16 shots from 5,658 feet to 5,662 feet in the Morgan sand series.

East Shuler Well May Come In This Week

Special to the Gazette. 10-26-41. El Dorado.—Completion of one deep test is expected over the week-end as another wildcat operation in western Union County continues in search of pay sand after discouraging developments in preliminary coring. The well is the Perry Briggs No. 1 of the Atlantic Refining Company, section 13-18-17, East Shuler, or Burns, pool.

Casing was set early in the week at 5,785 feet, and testing was scheduled Saturday.

The Atlantic well is an offset to the discovery well in that area, the Burns No. 1.

South of the town of Mt. Holly about two miles, drilling continues below 5,800 feet in the Davis No. 1 of the Atlantic Refining Company, northeast of the northwest, section 15-17-18. A discouraging development came with coring of a salty formation at 5,700 feet.

In the Urbana field the Marine Oil Company is completing a squeeze job in the Union Sawmill Company A-6 well, section 3-18-13. A good producer was indicated in the initial showing and a successful squeeze job is anticipated.

There is considerable interest in development now in progress in the old McDonald field and in another area in the Stephens-Mt. Holly territory, just north of the Union County line. Berman and Associates obtained a good showing this week in a well in section 27-15-18, old McDonald area, and in the Smart field several tests are drilling after completion of one producer.

New Deep Oil Field Looms In Union

Special to the Gazette. 10-30-41. El Dorado, Oct. 29.—The Atlantic Refining Co. obtained good showings in cores taken from the Davis No. 1 wildcat in section 15-17-18, near Mount Holly, today, and hopes to develop a deep lime field near the west Union county line.

Operators drilled ahead below 7,230 feet tonight and indicated that the well will be carried to the Reynolds lime stratum before running a Schlumberger test on the more shallow lime.

A 24-foot section of Smackover lime showed signs of production after cores had been taken to 7,180 feet last night. Smackover porosity was encountered at 7,148 feet, with the top five feet appearing to be a gas cap.

A 24-foot section, from 7,153 to 8,177 feet showed porosity and saturation.

Operators will return to the heavy saturation if better cores are not taken from the Reynolds lime.

Hopes High For New Deep Pool.

Special to the Gazette. 11-2-41. El Dorado, Nov. 1.—Cores taken from 7,153 to 7,177 feet on an Atlantic Refining Company well near Mt. Holly in western Union county this week raised hopes of the oil fraternity that another new deep lime pool will be developed along similar lines to that of the Shuler field.

The well is the J. A. Davis No. 1, located NE NW of Section 15-17-18, three miles due south of Mt. Holly and one and a half miles from the Columbia county line.

Casing was set to the 7,000-foot lime this week-end and testing is expected to get under way Monday or Tuesday.

Smackover lime porosity was encountered at 7,148 feet on the Davis well at what appeared to be a gas cap. Saturation and porosity were obtained from a 24-foot section of core cut from 7,153-77 and water was reached at 7,177. The gas cap of the lime, operators said, was porous white colitic and bore the

taste and odor of gas.

Located on a well defined high, the well site is between the producing Shuler field in Union county and the Stephens field in Columbia.

Successful completion of the well and a drilling campaign that probably would ensue, would give El Dorado its first real oil play since 1937, when the Morgan sand was tapped in the Shuler field and wells eventually were drilled to the prolific Jones sand and the Reynolds lime.

Another location, east of Shuler, is being watched closely. The well is the Perry Briggs No. 1 of the Atlantic in Section 13-18-17, which was completed a week ago at 5,600 feet. The well, tapping the Burns pool of that area, is reported good for a 150-barrel-a-day allowable. Although no new locations have been announced, more offsets are expected to be drilled soon.

Marine Oil Company is coring in pay sand on its Union Sawmill Co. B-3 in Section 2-18-13, Urbana field. This is the first well drilled in Section 2 of this prolific field and a successful producer would add much to the scope of the drilling area.

Wildcat Test Near El Dorado Expected to Produce.

Special to the Gazette. 11-5-41. El Dorado, Nov. 4.—Crews began washing in the Atlantic Refining Company's J. A. Davis No. 1 wildcat well in center of 15-17-18 tonight after perforating two feet at 7,166-68 feet. Tubing was run this afternoon.

High hopes held for a good producer from the lime, the well having shown good porosity and saturation at 7,153-77. Pipe was perforated at 7,186-88 yesterday to determine the water drive. Water rose to within 1,000 feet of the top, indicating exceptional pressure.

The test is about seven miles northwest of Schuler and about the same distance from Lisbon, the nearest production. It is three miles due south of Mount Holly townsite.

580-Barrel Wildcat In Union County

Special to the Gazette. 11-6-41. El Dorado, Nov. 5.—Union county's latest oil strike, J. A. Davis No. 1 of the Atlantic Refining Company, in the NE NW of section 15-17-18, three miles south of Mount Holly, continued flowing as a big producer today after being completed last night.

Gauge today showed the well to be flowing at the rate of 581 barrels daily on 18-64ths inch choke. There was no water. The well has casing pressure of 1,000 pounds and tubing, 1,600 pounds. Gas production is 900,000 cubic feet per day. Gravity of the oil is 36 degrees.

The wildcat is about seven miles northwest of Schuler, the nearest production, and lies in a triangle including the Village, Schuler and Lisbon fields. The Atlantic, Phillips and others have a big block surrounding the location, the tract having been worked out on a seismograph survey.

Production From Lime.

Production is from the lime. Pipe was perforated at 7,166-68 feet, and the well washed for two hours before it blew in. Pipe had been set after 24 feet of porosity and saturation had been recovered.

Officials have indicated the wildcat will undergo experiments for several days before plans for new drilling are made. Located near a gravelled highway, three miles south of Mount Holly and two miles from the Columbia county line, the well has attracted many visitors since last week-end. A big crowd was on hand last night to see the completion.

Union County Pepped Up By Davis No. 1

Special to the Gazette. 11-9-41. El Dorado, Nov. 8.—Union county oil development dormant since the Nick Springs flurry in October 1939, began to come to life this week with the successful completion of the Atlantic Refining Company's J. A. Davis No. 1 well near

Mt. Holly and the issuance by the Arkansas Oil and Gas Commission of seven new permits for Union county.

Three of the permits were for the new Burns pool, east of the prolific Shuler field, while the four others were for spots scattered throughout the county. Oil observers said that possibly 30 days will elapse before continued activity will be felt in the Mt. Holly sector so that full results of the new completion may be obtained.

The Davis test, said by south Arkansas oil men to be the biggest strike since the Shuler field was brought in nearly five years ago, is located in the center of the northeast quarter of the northwest quarter of section 15-17-18, three miles due south of Mt. Holly. The area is directly between the Shuler and Stephens fields and is on a positive high.

Potentially Heavy Producer. The test, rated at a potential of several thousand barrels daily production, flowed at a rate of 581 barrels per 24 hours through 18-64 choke, making 38.5 gravity oil with no trace of salt water.

Gas flow was estimated at 900,000 cubic feet daily, with tubing pressure at 1,550 pounds and casing pressure at 1,000 pounds. The well was closed in Thursday for static bottom hole pressure and bottom hole temperature tests.

H. L. Hunt, major Texas and Arkansas oil operator, again has entered El Dorado district play, having obtained a permit for the Placid Oil Company in the East Shuler area. The well will be known as the Bishop No. 1 and is located in section 14-18-17.

Atlantic Refining Company also has obtained permits for wells in the East Shuler region, the Bishop No. 1 and the Calloway No. 1, both located in section 13-18-17.

Atlantic owns a large block in this area, which was discovered several months ago but has been slow in getting under way.

J. R. Lockhart, independent El Dorado oil operator, is preparing to set casing on his Newsom No. 1 well in section 19-17-13, southeast of Rainbow field at 3,600 feet. Lockhart obtained showings of oil and gas in the well this week.

Seven Permits Issued. Following are permits issued: John A. Stassi and C. V. Bourgeois, to drill the H. Westley No. 1, located 330 feet south and east of the northeast corner, NW SW, section 7-15-19, Ouachita county.

C. W. Bibby, to drill the Hardin No. 5, located 660 feet east of the west line of SW SE, section 28-15-16, Ouachita county.

Gulf Refining Company, to drill the J. D. Holloway No. 3, located 1520 feet north and 200 feet west of the southeast corner of section 6-16-16, Saxon City, Union county.

Atlantic Refining Company, to drill the J. H. Calloway No. 1, located in the center of the SE NW, section 13-18-17, Union county.

Atlantic Refining Company, to drill the J. M. Bishop No. 1, located in the center of the NW SW, section 13-18-17, Union county.

J. R. Lockhart, to drill the A. C. Newsom No. 1, located 330 feet north and west of the southeast corner NE SE, section 19-17-13, Union county.

G. Scott Hammond, to drill the McKean No. 2, located in the SW NW, section 8-16-22, Lafayette county.

Root Petroleum Company, to drill the Loure Lumber Company No. 1, located 330 feet south and west of the northeast corner, NE NW, section 31-18-14, Union county.

Placid Oil Company, to drill the J. M. Bishop No. 1, located in the center of the SE SE, section 14-18-17, Union county.

Trading Still Brisk Near Mount Holly

Special to the Gazette. 11-16-41. El Dorado, Nov. 15.—Brisk trading in leases and royalties in the Mount Holly sector, west of here, where the Atlantic Refining Company completed a wildcat about 10 days ago; the completion of a new producer in the shallow proven Urbana field, and obtaining of good showings at 5,800 feet in the Burns pool of the East Shuler field highlighted oil activities in Union county this week.

Although no new locations have been announced for the Mount Holly sector, oil men reported that production on the Davis No. 1, discovery well of that area, is holding up favorably and increased activity will ensue within the next month.

The Marine Oil Company brought in another Urbana producer in its Union Sawmill Company B-3 in Sec-

tion 2-18-13, on the east edge of the field. This was the first well completed in Section 2 and may bring about more activity in that region. The well is making well over the allowable of 100 barrels daily and will be reduced. Marine is reworking one of its Thompson B series wells in Section 10-18-13 near Urbana.

Atlanta Refining Company, which has started wells in the East Shuler vicinity, cored pay sand below 5,800 feet this week-end on its Bishop No. 1 in the center of SW SW of Section 13-18-17. This is in the Burns pool.

Calloway No. 1 Nears Pay.
Atlantic crews are drilling near pay level on the J. H. Calloway No. 1 well in the center of NE SW of Section 13-18-17.

The Placid Oil Company and H. L. Hunt are preparing to spud in on their Bishop No. 1 well in the center of SE SE of Section 14-18-17, East Shuler.

Pipe has been moved to the location of J. R. Lockhart's Newsom No. 1 wildcat in NE SE of Section 19-17-13, between the Urbana and Rainbow fields, and casing is expected to be set to 3,600 feet. Good showings were reported at this level.

The Root Petroleum Company has spudded in on its Loutre Lumber Company No. 1 in Section 31-17-14 for a shallow test.

It was reported here this week-end that a third attempt for a deep producer will be made in the Wesson area, southwest of here, although two dry holes have been drilled in that region in the past three years.

Two Drill Permits Issued.
Permits for two new wells were issued this week by the Oil and Gas Commission. They went to: McAlester Fuel Oil Co., to drill the Snider No. 1, located in the center of the north half NE Section 21-18-22, Columbia county.

Tidewater-Associated, to drill the Beene No. 4, located in the center NW NE Section 15-18-19, Columbia county.

Shuler Field To Have New Producer

Special to the Gazette. 11-22-41
El Dorado, Nov. 21.—Atlantic Refining Company's Bishop No. 1 well, in Section 13-18-17, east Shuler field, was being washed in tonight and another good producer from that area in the Burns pool seemed assured.

The well was reported flowing oil and wash water with no show of salt water. Observers estimated the well is flowing at a rate of eight barrels an hour and about 24 hours will elapse before the hole is cleaned. Flowing through a quarter-inch choke, casing pressure was reported at 800 pounds and tubing pressures 1,025 pounds. The well is bottomed at 5,672 feet.

Shuler Well Being Tested

Democrat 11-22-41
El Dorado—With the washing in of Atlantic Refining Company's Bishop No. 1, the Burns pool of the east Shuler field seemed assured of another producer.

The well, in Section 13-18-17, was reported flowing oil and wash water, with no show of salt water. Observers estimated the well is flowing at the rate of eight barrels an hour and about 24 hours will elapse before the hole is clean. Flowing through a quarter-inch choke, casing pressure was reported at 800 pounds and tubing pressure 1,025 pounds. The well is bottomed at 5,672 feet.

Western Union County Holds Interest of Drillers.

Special to the Gazette. 11-23-41
El Dorado, Nov. 22.—Western Union county is the focal point of oil activity in this area, with one well at final stages in the East Shuler field, two others drilling near completion levels and the location of a new well.

Although no new permits have been issued for wells in the Mt. Holly area near the Union-Columbia line, several locations are reported to have been made in view of the continued good performance of the Atlantic Refining Company's discovery well, the J. A. Davis No. 1, ne nw of Section 15-17-18. This well is making 10 barrels of high gravity oil an hour through a 12-64 choke with good pressure and no showing of water. Lease trading in this vicinity has brought pre-

mium prices and residents are looking for extensive drilling activity soon.

In the East Shuler the Atlantic Refining Company is testing in final stages the Bishop No. 1 well in Section 13-18-17 in the Burns pool.

Pay sand was perforated at 5,666 to 5,672 feet yesterday and results are expected to be known late tonight or early tomorrow.

Atlantic's Calloway No. 1 in Section 13-18-17 is expected to reach coring level soon, as crews are drilling around 5,450 feet.

A third drilling East Shuler well, the Bishop No. 1 of the Placid Oil Company (H. L. Hunt) in Section 14-18-17, is around 1,800 feet.

Tidewater Associated and Seaboard Oil Company have obtained permit for a Burns pool well in the center of nw nw of Section 24-18-17. The well is south of the present production.

Root Test a Failure.
Root Petroleum Company had bad luck on its Loutre Lumber Company No. 1 well in Section 31-18-14, near Hibank, ending in a dry hole at 2,214 feet. The well was drilled in a section near several other shallow wells and not far from early exploration sites.

Curtis Kinard, independent El Dorado oil operator, is preparing to drill the Holloway No. 1 well in sw sw of Section 5-16-16, Saxon City field, and the Gulf Refining Company is drilling on the Werner tract in sw sw of Section 5-16-16.

J. R. Lockhart, El Dorado independent operator, was forced to move his derrick and rig on the Newsom No. 1 well in Section 19-17-13, near Rainbow, east of here this week, when the hole caved in and the casing bit became sidetracked.

Lockhart has obtained good oil showings at 3,000 feet and was preparing for final testing.

Gusher Gives East Shuler The Spotlight

Democrat 11-23-41
El Dorado—Although much interest centers in leases and royalties in the new field in the Mt. Holly area, the East Shuler field was in the spotlight in the El Dorado oil territory the past week.

One new producer was added in that as yet undeveloped field as the week closed; one other test was nearing the pay level, good progress was being made on a second well, and location had been announced for still another test.

The new producer, which will be the third for the field, is the Bishop No. 1 of the Atlantic Refining Company, in section 13-18-17, and it is expected to be the best of the three. Completed late Friday after being washed in, the well started flowing oil and wash water at the rate of about seven to eight barrels an hour. The well is flowing through a 16-64th-inch choke and there is no salt water along with the oil. The casing pressure was 800 pounds, and the tubing pressure 1,085 pounds.

It is expected that the well will require about 24 hours to fully clear itself. The well was completed after perforations from 5,666 to 5,672 feet.

The second well nearing the producing level is the J. A. Calloway No. 1 of the Atlantic Refining Company, also in section 13-18-17. Drilling was in progress at around 5,452 feet.

New Test By Tidewater.
On the third test in progress at East Shuler the Placid Oil Company is drilling at around 1,800 feet in its Bishop No. 1, in section 14-18-17. The new test announced for that area is the P. Garrett No. 1 of the Tidewater and Associated Oil Company, center of the northwest quarter of the northwest quarter, section 24-18-17.

The J. A. Davis No. 1 of the Atlantic, in section 15-17-18, in the new Mt. Holly field, continues its steady production of around 10 barrels per hour through a small choke. Trading activities continue brisk although no tests have been announced in that area. It is understood that several new locations are to be made.

J. R. Lockhart ran into bad luck this week in his wildcat operation, the Newsom No. 1, section 19-17-18, between production in the Rainbow City field and the Urbana area. Lockhart started a new hole after the well caved as preparations were being made to set casing for testing of a likely looking formation around 3,000 feet.

One dry hole resulted in the territory this week. It was the Outre Lumber Company No. 1 of the Root Petroleum Company, in section 31-18-14, in the Hibank area near where several other dry holes have been drilled. It also is in the vicinity of the first oil exploratory work in the county. The well was abandoned at depth of 2,214 feet.

Curtis Kinard is making prepara-

tions to start a new test in the Saxon City area of the Smackover field, the Holloway No. 1, southwest quarter of the southwest quarter, section 5-16-16. The Gulf Refining Company is drilling ahead in a well on the Warner tract, southwest of the northwest, of the same section.

Only Two Permits.
Only two permits for new tests in Arkansas oil fields were issued the past week by the Arkansas Oil and Gas Commission.

One of the new tests is in the East Shuler field, now the scene of considerable activity. The new tests follow:

Tidewater Seaboard Company and Associated Oil Company, P. Garrett No. 1, center of the northwest quarter of the northwest quarter, section 24-18-17, Union County.

Atlantic Refining Company, Bodcaw Lumber Company No. 9, center of northeast quarter of the northeast quarter, section 33-17-23, Lafayette County.

Mount Holly Field Development Begun.

Special to the Gazette. 11-30-41
El Dorado, Nov. 29.—Development of the Mount Holly field west of El Dorado began this week, when the Atlantic Refining Company obtained a permit to drill The Mary E. Davis B-1, located in the center of SW SW of Section 10-18-17.

The Davis B-1 test in a northwest diagonal offset to Atlantic's discovery well in the Mt. Holly sector and it was reported at the week-end that another offset to the northeast will be drilled soon.

The discovery well, the J. A. Davis No. 1 in Section 15-18-17, is continuing to show a steady flow of oil and gas with no water.

The Atlantic is drilling at pay level on its Calloway No. 1 in Section 13-18-17 on the Burns pool in the East Shuler field. The Placid Oil Company (H. L. Hunt) is drilling below 4,800 feet on the Bishop No. 1 in Section 14-18-17, East Shuler field.

In Section 24-18-17, the Tidewater Associated Seaboard Oil Company has started work on its P. Garrett No. 1.

Local interests are reported to be working still on two proposed deep tests in Union county, one in the Wesson region and another near Hibank community. Two deep dry holes have been drilled near Wesson in the past two years and several shallow tests have been sunk near Hibank.

Only permit of the week issued by the Arkansas Oil and Gas Commission was to the Atlantic for the Mt. Holly test. Three plug and abandon jobs, two for Ouachita, and one for Union county, were authorized by the commission this week.

Mt. Holly In Slow Start

Democrat 11-30-41
El Dorado—What looked like the start of a drilling program in the new Mt. Holly field came this week, along with plans under way for drilling of two more deep tests in widely separated parts of Union County.

Location has been made for one new well in the Mt. Holly area and it is understood that another test is to be started in a short time.

The new Mt. Holly well is the Mary E. Davis No. B-1 of the Atlantic Refining Company, center of the southwest quarter, southwest quarter, section 10-17-10. The well is a diagonal offset to the northwest from the discovery well of the Atlantic on the J. A. Davis land in section 15-17-18.

Reports indicate that the second location will be a northwest offset and rumors also are current of other locations.

El Dorado interests are understood to be continuing their effort to bring about drilling of two deep tests. One of the proposed wells would be in the Wesson area to the southwest of El Dorado, where two dry holes have been drilled in recent years. The other would be in the vicinity of Hibank, southeast of El Dorado, near where several shallow tests have been drilled.

Operations are going forward on three wells in the Burns or East Shuler field where the third producer was completed last week.

Leading the way among the three is the Calloway No. 1 of the Atlantic Refining Company, section 13-18-17, which is rapidly nearing the pay sand at 5,600 feet. Close behind is the Bishop No. 1 of the Placid Oil Company, section 14-18-17, which is drilling below 4,800 feet. Tide Water Associated Oil Company has just started work on the P. Garrett No. 1, section 24-18-17, to the south of production.

The only permit for a new test was issued by the Arkansas Oil and Gas Commission this week to the Atlantic Company for the Mary Davis No. 1, in the Mt. Holly area.

Mount Holly Offset Ready to Spud In.

Special to the Gazette. 12-7-41
El Dorado, Dec. 6.—Atlantic Refining Company's first offset to the Mount Holly discovery well, about 16 miles west of here, is ready to spud, but results of tests in the Burns pool of the East Shuler field have not been favorable.

The new Mount Holly test will be the Atlantic's Davis B-1, located in Section 10-17-18. The discovery well, Atlantic's Davis No. 1 in Section 15-17-18, is holding up around 250 barrels a day.

Calloway No. 1 Gets Gas Only.
Atlantic's Calloway No. 1 in Section 13-18-17 of the Burns pool in East Shuler, failed to get any showings of oil around 5,500 feet this week. Only gas showings were obtained at a lower pay level, while a higher perforation showed neither oil nor gas. Gas pressure in the lower stratum was 850 pounds.

The Placid Oil Company (H. L. Hunt) has obtained fairly good cores around 5,500 feet on the Bishop No. 1 in Section 14-18-17 in the East Shuler field and probably will test at this level.

To the south of this location in NW NW of Section 24-18-17, the Tidewater Associated & Seaboard Oil Company has obtained permit and is rigging up on the Garrett No. 1.

The old Champagnolle are forged into the news this week with two wells drilling ahead in that vicinity. Land is being assembled for an expected third test.

Marine Oil Company crews are drilling ahead below 2,200 feet on the Newsom No. 1 test in Section 19-17-13. This was formerly the Lockhart test but site of the well was changed when pipe became fouled in the hole at 3,600 feet and the derrick was skidded over. A good showing was obtained in the original well at 3,600.

A mile to the east of the Newsom well Milam and Ferguson have set surface casing on the L. A. Bull No. 1 in Section 20-17-13.

Independent El Dorado interests are assembling a block nearby.

One Drill Permit Issued.
The only permit issued this week by the Arkansas Oil and Gas Commission was to Milam and Ferguson, to drill the L. A. Bull No. 1, located in C-NW NE of Section 20-17-13, Union county.

Old Rainbow City Field In New Bid

Democrat 12-7-41
El Dorado—While main interest continues in the Mt. Holly and East Shuler sectors, it remained for an old field, the Champagnolle, or Rainbow City area, to come in for considerable attention this week.

In the Rainbow City area two wells are drilling, both outside operations, and plans are in the making for a third test in that vicinity.

Drilling on the Newsom No. 1, Section 19-17-13, on what is known as the J. R. Lockhart well, the Marine Oil Co. is down to 2,200 feet. This is the second test on that tract, the first well having been abandoned as the hole caved while preparations were being made to set casing for final testing. A good showing had been encountered in the well at 3,600 feet in the first test. The present well holds possibility of an extension of the producing area, the location being between the Rainbow City area and the Urbana field.

Milam and Ferguson have started operations and surface casing has been set in the L. A. Bull No. 1, Section 20-17-13, a mile to the east of the Lockhart operations. El Dorado interests are reported as assembling a block of acreage for a test in that immediate vicinity.

Showing in Hunt Well.
Developments this week in the East Shuler field included an excellent showing in one well and a near failure in another test. The showing was obtained by H. L. Hunt's Placid Oil Co. in the Bishop No. 1, Section 14-18-17, and it is understood that casing will be set for final testing after good cores were recovered from a depth of 5,500 feet.

The near failure came in the Calloway No. 1 of the Atlantic Refining Co., in Section 13-18-17. Only a gas showing was obtained at the lower level, and in the higher perforations neither gas nor oil appeared. The well is awaiting orders.

Meantime the Tidewater Associated Oil Co. is rigging up for the Garrett No. 1, northwest quarter of the northwest quarter, Section 24-18-17, to the south of production in what is known as the Burns pool.

In the new Mt. Holly pool where the discovery well, Davis No. 1, Section 15-17-18, continues its steady production of around 250 barrels

daily, the Atlantic Refining Co. is about ready to spud in on its second well, the Davis B-1, Section 10-17-18. Reports of additional locations continue to be heard, but no announcement of new tests has been made.

Only one permit for new tests was issued this week by the Arkansas Oil and Gas Commission. It is the L. A. Bull No. 1 of Homer Ferguson, center of the northwest corner of the northeast quarter, southwest quarter of Section 20-17-13, Union County.

East Shuler Field Seems Most Active

Gazette 12-14-41
El Dorado—Completion of another producing well in the Burns pool, or East Shuler field, featured petroleum activities the past week in the El Dorado territory.

The new producer is the Bishop No. 1 of the Atlantic Refining Company, in section 13-18-17. The well is flowing at the rate of about 20 barrels an hour.

Completion was from a depth of approximately 5,500 feet. A second perforation job was necessary to complete the well as a producer.

Four other operations are in progress in the East Shuler field with two of these rapidly approaching final stages.

The Atlantic is reported ready to start perforation of the Calloway No. 1, section 13-18-17, and after considerable delay caused by a stuck pipe, H. L. Hunt's Placid Oil Company is preparing to perforate in the Bishop No. 1, in section 14-18-17.

The Atlantic is now moving in for start of operations on the Bishop No. 2, northeast quarter of the southeast quarter, section 14-18-17, and the Tidewater Associated Oil Company is moving in equipment for the Garrett No. 1, northwest quarter of the northwest quarter, section 24-18-17.

Field followers are still awaiting announcements of new locations in the newly-discovered Mt. Holly field which now has the discovery producer and one other operation is in progress. The Atlantic Refining Company is drilling below surface pipe on the Davis B-2 an offset to the northwest of the initial producer.

In a shallow test to the northeast of Lawson, Milam and associates have set surface casing in their well in section 20-17-13.

There was one failure of a shallow sand outside well in the eastern end of Union County recorded. The well was the Newsom No. 1 of the Marine Oil Company, also known as the Lockhart well, in section 19-17-13. It was abandoned as a dry hole at 3,600 feet. It was the second hole drilled on the lease, the derrick having been skidded over after caving trouble developed preparatory to setting of casing for testing of a likely looking formation encountered at 3,600 feet in the first well.

Two permits for new tests in Arkansas oil fields and one permit for a plugging and perforation job were issued by the Arkansas Oil and Gas Commission.

The new permits follow:
Berry Asphalt Company, T. C. McRae No. 1, northwest corner of the south half, northeast quarter of the southwest quarter, section 4-14-20, Nevada County.

Ozark Natural Gas Company, J. B. Stubblefield No. 1, center of the northeast quarter of the southwest quarter, section 17-8-28, Franklin County.

The well which will be plugged back and perforated is the Murphy and Hardy No. 9 of the Gulf Refining Company, section 3-16-15, Union County. The well will be perforated at 2,285 feet.

Another Producer Looms In Mount Holly Field.

Special to the Gazette. 1-1-42
Camden, Dec. 31.—Fifteen feet of oil sand was cored in the Atlantic Oil Company's Davis B-1 well, in the Mount Holly field, today, and the well looms as another producer for this new field. The core was taken at 7,169 feet. It is a deep lime well, in section 10-17-18.

The discovery well is producing 200 barrels of high gravity oil daily through a one-eighth inch choke. Production was tapped at 7,167 feet.

Second Mt. Holly Well to Produce.

Special to the Gazette. 1-4-42
El Dorado, Jan. 3.—Oil operatives were cheered somewhat this week-end by word that the Atlantic Refining Company's second Mount Holly area well, believed at first to be a failure, would make a producer on a par with the discovery well in that sector.

The well, near completion, is the Atlantic's Davis B-1, located in the center of the SW SW of section 10-17-18. Casing was set this week-end

at 7,214 feet, about 100 feet deeper than casing in the Davis No. 1, which is producing about 150 barrels daily under proration.

Twenty-one feet of saturation was obtained above the water line. Low-level depth of the casing is nine feet lower than the Smackover lime and five feet below porosity. Operators are expected to be testing for final completion Monday or Tuesday.

Three East Shuler Wells Drilling.
Three drilling operations are under way in the East Shuler field.

The Atlantic's Mason No. 1, located in the center of the SE SW, section 13-18-17, reported good showings this week, and casing will be set to 5,643 feet. Completion is expected soon. Production is expected to be obtained from the Burns pool.

Tidewater Associated's Garrett No. 1 in the NW NW of section 24-18-17, in East Shuler field, is drilling around 2,500 feet, heading toward the Burns pool.

The third East Shuler operation, Atlantic's Bishop B-1, located in the NE NE of section 14-18-17, is nearing pay sand below 4,000 feet.

Curtis A. Kinard, El Dorado independent operator, has set casing at 2,750 feet on his Holloway No. 1 in section 5-16-16, Saxon City field. Repairs are being made on casing, but final testing and perforations are slated next week.

One Drill Permit Issued.
The commission issued one permit to drill and one to plug back and perforate this week. The drilling permit went to:

J. K. Hughes Oil Company to drill the C. J. Smith et ux. and J. W. Souter et al. Unit No. 1, located in the center of the south half NW of section 21-18-24, Columbia county.

Permit to plug and perforate went to the Carter Oil Company for the R. R. Cornelius Unit No. 1, located 50 feet south of the center of the NE section 30-17-23, Lafayette county.

Mount Holly, Burns Field Wells In.

Special to the Gazette. 1-11-42
El Dorado, Jan. 10.—Two more producers were added to Union county oil fields this week-end—one in the Burns pool of the East Shuler field and another in the Mount Holly field.

Perforated about the middle of the week, the Mount Holly well, Atlantic Refining Company's Davis B-1, has been recemented in a squeeze job. The casing was perforated at 7,200 feet, but a small leak occurred in the cementing, delaying final completion. Operators said, however, that the well will be a good producer when the squeeze job is completed. The well is located in SW SW of Section 10-17-18.

The completion in the Burns pool in East Shuler was Atlantic's Mason No. 1, located in the SE SW of Section 13-18-17. The well is being swabbed in after being perforated with 24 shots from 5,567-76 feet. Operators said the flow of the test will more than exceed the 150-barrel-a-day allowable for the Burns pool.

Atlantic is coring below 5,680 feet on its Bishop B-1 test in East Shuler, NE SE of Section 14-18-17, and has obtained only fair showings.

The remaining East Shuler operation, Tidewater Associated's Garrett No. 1, in the NW NW of Section 24-18-17, is drilling ahead below 5,400 feet and is expected to near completion next week.

Lack of Equipment Feit.
Because of priority restrictions on pipe and other oil field equipment exploration in this area has lagged recently, but this situation is expected to be cleared up this month at a meeting of the Arkansas Oil and Gas Commission and OPM and United States oil production regulatory officials. The meeting has been set tentatively for January 27.

Two Drill Permits Issued.
Two permits to drill were issued this week by the Oil and Gas Commission. They were to:

R. H. Crow to drill the J. W. Smart B-1, located in the SW NE SW of Section 12-15-20, Ouachita county. (Forty-acre staggered unit.)
McAlester Fuel Oil Company to drill the S. A. Jeffus No. 1, located in the center NE NW of Section 4-19-23, Lafayette county, south of Taylor.

Two permits to plug back and perforated were issued. They went to the Magnolia Petroleum Company for the Goodwin No. 12, in Section 5-16-15, Ouachita county, and Phillips Petroleum Company for the T. P. Marks No. 1, located in northeast corner lot 6, SW Section 18-18-17, Shuler field, Union county.