

# LARGE GASSER IN AT RAINBOW CITY

### Test With Big Flow Will Be Killed to Make Oil Well.

Special to the Gazette. *4/16/29*  
El Dorado, April 15.—Rainbow oil pool, northeast of El Dorado, scored one of the biggest gassers in recent months late yesterday.

The latest producer is the Perdue No. 1 of the Oil Well Corporation in section 9-17-14. Brought in from a total depth of 2,825 feet, the well is flowing between 40 and 50 million cubic feet of gas a day, and a spray of oil.

Company officials reported today the well will be killed and an attempt made to bring the test in as an oil well. The well is reported to have shown no water. The hole will be deepened slightly and the owners expect to get a well good for between 500 and 600 barrels daily on final completion.

Another important test got under way today in the Rainbow City field. The crew started drilling in on the Oliver No. 1 of the Ohio Oil Company in the northwest corner of the southwest quarter of section 7-17-13. Hopes for a big well are bolstered by a fact that location of the well is near other big producers.

# ANOTHER GUSHER IN RAINBOW FIELD

### Ohio Company Completes Second Well Estimated at 6,000 Barrels.

Special to the Gazette. *4/17/29*  
El Dorado, April 16.—The Ohio Company brought in another gusher in the Rainbow City field today. The big time producer resulted upon the completion of the Oliver No. 1 in the northwest corner of the southwest quarter of section 7-17-13. Initial flow indicated the well would be a rival to the Raulston No. 1 of the Ohio in section 12-17-14, which was recently brought in good for better than 5,000 barrels. The Oliver well is rated at about 6,000 barrels daily. Flowing through five-eighth inch choke the well is reported to have made 125 barrels during the first hour. The oil is reported of good pipeline variety, with no trace of water. Completion of the well was from the Crain sand at a depth of 3,030 feet.

Officials of the Oil Well Corporation reported today that the Purdue well No. 1 in section 9-17-14, which was brought in Sunday as a big gasser had been cemented with plans for another test for oil next week. The owners are hopeful of getting a well good for between 600 and 700 barrels on the second test.

The Ohio is about ready to start testing on the Raulston No. 2 in section 12-19-14.

# Union County Wildcat Core Attracts Attention.

Special to the Gazette. *4/20/29*  
El Dorado, April 19.—A wildcat test in Union county, six miles southeast of the new Stephens-Mount Holly field today became the center of attraction in oil circles following the taking of cores from what was said to be a good oil sand.

The well is the Yocum No. 1 of Wingfield and associates of El Dorado, and the cores were taken from a depth of around 2,600 feet. The test is located in the southwest corner of northeast of section 29-16-17, and is about six miles east of Mount Holly and northwest of the Lisbon field. It is understood that a drill stem test will be taken.

The Magnolia Petroleum Company's Kelley No. 1 in section 9-17-14, Rainbow field, is showing up for a good producer from the Crain sand. The Ohio Oil Company has drilled the plug in the B. H. Raulston No. 1 in section 12-17-4, and will ball Saturday.

The Root Refineries, Inc., dropped a string of casing in the Timberlake No. 1 in section 25-15-18, Ouachita county field, and a fishing job has developed. The Ohio Oil Company is rigging up on one new test in Rainbow field and two other locations have been made.

# NEW RAINBOW POOL WELL COMPLETED

### Flow Estimated at 100 Barrels of Oil and 5,000,000 Feet of Gas.

Special to the Gazette. *4-28-29*  
El Dorado, April 26.—The Oil Well Corporation's Perdue No. D-1 well, in section 9-17-14, latest completion in the Rainbow field, is flowing at the rate of approximately 100 barrels of oil and more than 5,000,000 cubic feet of gas per day, officials reported tonight. The well was balled in from a depth of 2,810 feet and is the third test of the hole. Other tests developed tremendous gas pressure without oil, and it is believed the oil flow will increase. The well is located in the southwest of the northeast of No. 9.

The Magnolia Petroleum Company, after a second drill stem test of the Kelley No. 1 in section 9-17-14, obtained a showing of more than 15,000,000 feet of gas, and the crew has set casing in the shallow sand at 2,800 feet.

News came from the new Stephens-Mount Holly field of Ouachita county tonight that the Magnolia has hit a gas sand in the Wilson No. 1 in section 25-15-18, at 2,857 feet. This is approximately the same depth as the McDonald A-1, an offset. The Magnolia is preparing for a drill stem test tomorrow. The Root Refineries, Inc., drilled the plug today on the Timberlake No. 1 in 25-15-17, Ouachita county and is preparing to ball this well indicated a production of 10 barrels and upward in a drill stem test.

# TWO COMPLETIONS IN RAINBOW FIELD

### Oil Well Corporation and Ohio Company Bring In Small Gushers.

Special to the Gazette. *4-28-29*  
El Dorado, April 27.—Two completions in the Rainbow field and the abandonment of one test in the Stephens-Mt. Holly field of Ouachita county as a dry hole constituted the principal developments in the south Arkansas oil fields during the past week. Two other wells were on the verge of being tested, one in the Stephens sector, another in Rainbow field.

The Oil Well Corporation brought in the Perdue D-1 in the southeast corner of southwest of northeast of section 9-17-14, Rainbow field, flowing better than 100 barrels of oil and around five million feet of gas. This is the third test made on the well, the hole having been cemented back after two previous tests when a tremendous gas pressure developed with a slight spray of oil. It is believed the oil flow will increase.

The Oil Hill Company completed its B. H. Raulston No. 1 in the northwest corner of southeast of southeast of section 12-17-14 good for 150 barrels per day. This is the third of a trio drilled offsetting the big gusher of the Ohio on the W. N. Raulston farm. The other two came in for big producers but have settled down to small wells. The W. N. Raulston is holding its own at more than 1,000 barrels per day.

Jones Test Falls. Keen disappointment was registered in the failure of the Edwin M. Jones No. 1 on the R. B. Allen farm in section 25-15-18, which was abandoned at below 3,100 feet after several good looking sands were encountered.

The Root Refineries is testing its Timberlake No. 1 in the southwest of southeast of northwest of section 25-15-18, where a sand was found at around 2,840 feet. C. H. McDonald is drilling on his Wilson B-2 in section 25 at around 2,800 feet. The Arkansas Drilling Company has started up on the Burton No. 1 for the Cumberland Petroleum Company in section 24-15-18.

Considerable interest is being shown in the test of the Magnolia Petroleum Company on the Wilson farm in section 25-15-18, where cores at 2,857 indicate a good oil sand. The Hawthorne Oil and Gas Company is drilling a wildcat test on the W. H. Smith land in section 8-16-17, four miles southeast of the Ouachita field Wingfield and Associates obtained salt water in a drillstem test on the Locum No. 1 in section 29-16-17, six miles south-

west of the Wilson wells. The test will be taken deeper.

Section 9-17-14, one of the older areas of Rainbow field, is getting much play. The Oil Well Corporation has recently started up two new tests, the Kelley B-1 in the northeast of southeast and the Perdue C-3 in the northwest of northeast of section 9. The Magnolia Petroleum Company has set casing on the Kelley No. 1 after making a drill stem test that showed up for a big gasser.

# ONE COMPLETION IN STEPHENS AREA

### Root Refineries' Timberlake No. 1 Only New Well in State This Week.

Special to the Gazette. *5-5-29*  
El Dorado, May 4.—With only one completion of consequence, the South Arkansas oil district was unusually quiet during the past week.

The Root Refineries, Inc., brought in the Timberlake No. 1, in section 25-15-18, Stephens-Mt. Holly field of Ouachita county, from a depth of approximately 2,850 feet. The new producer is rated at more than 100 barrels per day. Standard rig is to be erected and the well will be placed on the beam.

Five wells are drilling in the new field. The third test of McDonald brothers is below 2,830 feet, where a good showing has been found. The Cumberland Petroleum Company is drilling on its Burton test in section 24-15-18. The Magnolia Petroleum Company is deepening its C. M. Wilson No. 1 in section 25. Lee Timberlake is drilling on a test in 24-14-18. A fourth well is being started by McDonald brothers, on the Wilson farm in section 26-15-18.

Rainbow field has been quiet, with few rigs in operation. The Magnolia is preparing for a test on the Kelley No. 1, in section 8-17-14, where a drill stem test indicated a heavy gas flow. Rovenger Oil Company has reset cement in the Perdue No. 2, in the same section. The Ohio Oil Company is drilling on the Adams No. 1, in section 12-17-14. The Lion Oil Refining

Company has hit a promising sand in section 4-17-13, on the Stowe No. 1, two miles east of Rainbow field.

Several wildcats are being put down in Union county. J. W. Olvey is drilling on the Cottrell No. 1, in section 22-19-17. J. O. Moore is below 2,800 feet on the Union Sawmill No. 1, in section 11-8-12. Hawthorne Oil & Gas Company is below 2,800 feet on the Smith No. 1, in section 8-16-17. Wingfield and associates are deepening their Yocum No. 1, in section 29-16-17, after obtaining salt water.

# NEW RAINBOW CITY WELL COMPLETED

### Test Indicates Production of 1,500 Barrels of Oil Daily.

Special to the Gazette. *5/11/29*  
El Dorado, May 10.—The Oscar Lynn No. 1 well of the Ohio Oil Company in section 7-17-13 Rainbow City field, on which a drill stem test was wasted Wednesday when mud filled the hole, will produce about 1,500 barrels of oil per day when completed, it was indicated in a repeat test made yesterday.

The well is considerably higher than neighboring tests, despite the fact that it is down 3,074 feet. It is said to skim a deep strata of pay dirt. The location is in the northeast corner of southwest of southeast of section 7. The well showed 64 joints of oil. Casing is being prepared for setting immediately, the drilling in program to be announced later. Completion is expected within the next 10 days.

Interest in the oil business was divided today, some centered in a new wildcat, the tugwell No. 2 of Frank D. Staples and J. E. Camatta, nine miles north of Farmerville, Union parish, where gas has been reported accompanied by an encouraging showing for oil. Gauges of the test have been thwarted for the present, mud having been thrown up into the hole, the reports said.

# INTEREST REVIVED IN RAINBOW FIELD

### New Well Extends Oil Producing Area East in Northeast Section.

Special to the Gazette. *5/12/29*  
El Dorado, May 11.—Rainbow City oil pool, which has been the mainstay of oil activity in South Arkansas for the past year, is again the scene of increased drilling development following the extension of the oil bearing sand to the east in the northeast area. One new well was recently completed, casing is set on two others in preparation for the balling process within a short time and two more are being drilled, with another location made. The latest completion is the Kelley No. 1 of the Magnolia Petroleum Company in section 9-17-14,

northwest part of the Rainbow field. The well came in producing about 25,000,000 feet of dry gas per day from the shallow sand at 2,822 feet. This was the second completion, the first test having yielded a small gas flow. The pressure increased when the well was deepened.

The Ohio Oil Company has set casing on the Lynn No. 1 well in the northeast corner of southwest of northeast of section 7-17-13, after a drill stem test indicated the well will make 1,500 barrels of oil. Casing has also been set on the El Dorado Realty Company No. 1 of Estes and associates in the northwest quarter of section 8-17-13, the most easterly well in the field to show production. Both wells will be drilled in next week.

The Ohio has started drilling on the E. Raulston No. 1 in the northeast corner of southwest of southeast of section 12-17-14, and is down around 2,200 feet on the Adams No. 1 in the northwest corner of northeast of northeast of section 12. The Raulston test is a quarter mile west of the W. N. Raulston No. 1, which has produced more than 90,000 barrels of oil since it came in early in the spring. The well is still flowing at the rate of more than 1,000 barrels per day. It is one land owned by a negro farmer, and the royalty checks averaged \$4,000 per month.

Rovenger Oil Company has skidded over the derrick on the Perdue No. 1 in section 9-17-14, northwest part of Rainbow field, and will drill a second test. Trouble was encountered when the first well was balled and an effort to whipstock the hole proved unsuccessful. Several gas wells have been completed in this section, the latest being the Magnolia Kelley.

Considerable interest is being manifested in a wildcat test in the southern part of Union county near the Louisiana line. The well is the McDuffie No. 1 of W. M. Coats, trustee, and is located in section 32-19-16, four miles west of Junction City. A promising sand was reached at 2,072 feet. The test is near one drilled five years ago, when an oil sand was reported to have been found.

# Seven New Locations Made in Rainbow City Oil Area.

Special to the Gazette. *5-22-29*  
El Dorado, May 15.—A new drilling campaign has been started in Rainbow City oil pool following discovery of promising sands in two wells on the east edge of the field, in section 7-17-13 and as a result seven locations have been staked off, on two of which operations are under way.

The locations follow: Ohio Oil Company, two locations, Lynn No. 1 in southeast corner of southwest of southeast of section 7-17-13; Lynn No. 2, southwest corner of southwest of southeast; Dr. J. S. Rushing, trustee, two locations, five acres in the northwest of southeast of southeast and five acres in the northeast of southwest of southeast; Trimble & Bailey, one location, southwest corner of southeast of southeast; Pure Oil Company, southeast corner of northeast of southwest; and Lion Oil Refining Company, one location, 30 acres in northwest of southeast of southeast.

# NEW LOCATIONS IN RAINBOW CITY FIELD

### Drilling Campaign Started in Semi-Wildcat Area to Northeast.

Special to the Gazette. *5/19/29*  
El Dorado, May 18.—A new drilling campaign, the most extensive since the early days of Rainbow field nearly a year ago, has been started in the northeast part of that field, following the bringing in of producing wells in the edge territory, and the finding of promising sand in semiwildcat territory.

Derricks are up on two of the seven new locations that have been made within the past 10 days in section 7-17-13, scene of the renewed activity, and ground is being cleared and timbers moved in for other operations. Following are the wells to be drilled in section 7:

Dr. J. S. Rushing, two wells on the Nash property, each on a five-acre tract in the southwest quarter; derrick up on No. 1; Ohio Oil Company, Lynn No. 2, southeast corner of southwest of southeast of section 7, location; Ohio Nash No. 1 in the southeast corner of southeast of southwest of section 7, derrick up; Bailey & Tribble, El Dorado Realty Company No. 1, in southwest corner of southeast of southeast of section 7; Pure Oil Company, H. M. Nash No. 1, in southeast of northwest of southeast of section 7, hauling in timbers.

The Lion Oil Refining Company is drilling below surface casing on the El Dorado Realty No. 1 in northwest corner of southeast of southeast of section 7.

One test of interest is to be made over the week-end, and another will be made early next week. The Ohio Oil Company will ball its Oscar Lynn No. 1 in the northeast corner of southwest of southeast of section 7, where a casing was set after a drill stem test showed a well good for around 1,500 barrels of oil per day. O. W. Estes is recementing his El Dorado Realty No. 1 in section 8-17-13, eastern edge test, where a producer is expected.

The Ohio Oil Company is drilling on two tests in section 12-17-14, in a territory "spotted" with dry holes and producers. The E. Raulston is below 2,000 feet and the Adams around 2,800. Gann and associates are starting up on the Doss No. 1 in section 10-17-14. A fishing job developed at 2,320 feet on the Gregory No. 7 of H. L. Hunt in section 10-17-14.

Operations outside of proven area in Union county include:

Bell and associates, Terrell No. 1 in section 27-18-14, shut down at 2,594; W. M. Coats, trustee, McDuffie No. 1, section 32-18-16, drilling below 2,100 feet; E. L. Foster, Murphy Land Company, section 22-17-17, shut down at 935; Hawthorne Oil & Gas Company, Smith No. 1, section 816-17, abandoned at 3,520; McDonald Bros., Mayfield No. 1, section 29-19-15, shut down at 2,210; Sunby and associates, Yocum No. 1, section 29-16-17, abandoned at 3,530.

# NEW 1,550-BARREL GUSHER COMPLETED

### Ohio Company Brings In Well in Northeast Rainbow Extension.

Special to the Gazette. *5-22-29*  
El Dorado, May 21.—The northeast extension of Rainbow field scored another big well today when the Ohio Oil Company brought in its Oscar Lynn No. 1 in section 7-17-13, flowing 65 barrels of oil per hour, or approximately 1,550 barrels per day. The well was completed from the Crain sand at below 3,000 feet and the oil is pipe line production, showing about three per cent water.

The test is located in the northeast corner of southwest of southeast of section 7, an extension to the east. The flow bears out the showing in a drill stem test two weeks ago, when it was estimated the well would make 1,500 barrels per day.

There was a small gas pressure, sufficient to force the oil through the liner.

An active drilling campaign, already started in the vicinity of the well, is expected to be intensified, since the completion has proved the territory.

Seven locations were staked off in section 7, all within a half mile of the well, several days ago, and two are now drilling. Rigs are being moved in on others.

The next test of interest in that part of the field is that of O. W. Estes and associates in the northwest corner of northeast of southwest of section 8, a quarter east of the Lynn.

# Emerly Raulston No. 1 Has Good Showing in Stem Test.

Special to the Gazette. *5-24-29*  
El Dorado, May 23.—The Ohio Oil Company obtained a showing of between 400 and 600 barrels of clean oil in a drill stem test today on the Emerly Raulston No. 1 well, in section 12-17-14, Rainbow field.

The test was made at 3,041 feet in the Crain sand and the Oil Rose 28 joints in the drill stem. When the tools were being removed the gas pressure caused the oil to flow over the thrivable board. Casing will be set at once.

The well is a quarter of a mile west of four producers brought in earlier in the spring, one of which is still flowing more than 1,000 barrels of oil per day.

Casing has been set on the Ohio's Adams No. 1, in the southwest corner of northeast of northeast of 12-17-14.

The Lynn No. 1 of the same company was brought in two days ago and is making more than 500 barrels per day after settling down from flush production. Several new wells have been started in section 7-17-14 within the last few days.

# ONE COMPLETION IN RAINBOW CITY AREA

### New Well and Good Test Cause More Drilling in Northeast Section.

Special to the Gazette. 5/26/29  
El Dorado, May 25.—Completion of one well in Rainbow field with an initial production of more than 1,000 barrels of pipe line oil per day, a drill stem test on another in the same area that showed up for more than 500 barrels, and the starting of five new wells in the northeast area of Rainbow featured the week in the South Arkansas oil fields.

The Ohio Oil Company brought in its Oscar Lynn No. 1 in the northeast corner of southwest of southeast of section 7-17-13 as a flowing well from a depth of 3,000 feet in the Crain sand. The well flowed at the rate of 65 barrels per hour the first day but settled down to about 225 barrels per day. It is one of the farthest wells in the field.

The Ohio made a drill stem test on its Emery Raulston No. 1 well in the northeast corner of southwest of southeast of section 12-17-14, a mile west of the Lynn producer, and obtained a showing of 500 barrels of pipe line oil. The test was made in the Crain sand. It is expected that this well will open up a considerable territory that has hitherto been regarded as semi-dry.

A new drilling campaign has followed the completion of the Ohio Lynn well in section 7. Five wells are already drilling and others are being planned. The Lion Oil Refining Company is drilling below 2,000 feet on the El Dorado Realty No. 1 in the southeast part of the section. The Pure Oil Company has set surface casing on the H. M. Nash No. 1 in the southwest of northeast. Bailey and Trimble are drilling on the El Dorado Realty land in the southeast of southeast of the section. The Ohio is drilling on the H. M. Nash land in the central part of the section. Dr. J. S. Rushing, one of the pioneer operators in the Rainbow field, has started up on a five-acre tract in the northwest of southwest of southeast.

Test Shows Gas.  
The Ohio Oil Company, after obtaining a show of approximately five million feet of gas and a slight spray of oil on the Adams No. 1 in the Northeast quarter of section 12-17-14 has set casing preparatory to bringing the well in.

A disappointment has been registered in a far east test in section 4-17-13, two miles east of the Rainbow field. The well is the Lion Oil Refining Company's Stowe No. 1, and has been drilled below 3,100 feet without a showing that warranted setting of casing. In the northeast part of Rainbow field the Oil Well Corporation is starting up on the Perdue C-3 in section 9-17-14. Gann and associates are drilling below 1,000 feet on the Doss No. 1 in section 10-17-14 in the vicinity of several early producers. The Gulf Refining Company is coring at 3,500 feet on the Gaddy No. 2 in section 30-17-14, south of the old East field.

In the Smackover-Norphlet area the Sun Oil Company is preparing to place the Hatfield No. 7 in section 6-16-15, which was completed several days ago. The Standard Oil Company has shut down temporarily on the Goodwin No. B-8 in section 5-16-15 after a show of oil and gas. The crew is waiting on orders.

Grimes Brothers have completed their Hill No. 1 in section 7-18-14 at 2,253 feet. The well will be placed on the pump. The Shell Petroleum Company has abandoned and junked the Bilyeu No. 1 in section 9-16-15 at 2,419.

The Union county wildcat of Sunby Oil Company in section 29-16-17 on the Yocum land, has been abandoned at below 3,000 feet. Hawthorne Oil & Gas Company has abandoned the Smith No. 1 in section 8-16-17. J. O. Moore is drilling at around 3,000 feet on the Union Sawmill No. 1 in section 11-18-12.

### Location for New McDonald Test Is Made.

Special to the Gazette. 5-30-29  
Camden, May 28.—The McDonald Oil Corporation has made a location for its No. 2 well in the northwest quarter of the southwest quarter of section 25-15-18, and will begin rigging up within the next few days. The new location is 150 feet south and 221 feet west of the best producer in the new area. The derrick now is being erected and drilling operations will be started as soon as possible. The new location is considered the most favorable in the new field.

# STANDARD TO BUY HUMBLE OIL WELLS

### Deal Involving 150 Producers to Become Effective June 1.

Special to the Gazette. 5-29-29  
Shreveport, La., May 28.—All producing oil wells owned by the Humble Oil and Refining Company in south Arkansas, and in Cotton Valley, Haynesville, Bellevue in North Louisiana totaling 150 wells with daily oil yield of 4,000 barrels, will be sold to the Standard Oil Company of Louisiana, effective June 1, it was announced by officials of the Humble here today.

The Humble will discontinue its district offices here and will handle its wildcat developments in the north Louisiana-south Arkansas territory from the Houston office after August 1.

The consideration will not be announced until approximately 90 days after the transfer is made. Approximately 20 office employees will be transferred to Texas with about 100 field men. About the same number of field employees will be retained with the Humble force by the new owners.

# NO COMPLETION IN RAINBOW OIL AREA

### Interest and Drilling Continues at Five Wells in New Extension.

Special to the Gazette. 6/2/29  
El Dorado, June 1.—Although the South Arkansas oil district was without important completions during the past week, activities both in proven and wildcat territory continued to hold interest of operators.

Five wells are being drilled in section 7-17-13, northeast extension of Rainbow field, in the vicinity of the

field's recent completions. In the west part of the field a new test is under way, while a test is soon to be made on a well east of the present producing area, where indications are good for a producer.

The Ohio Oil Company is coring on the H. M. Nash well in the southeast quarter of section 7, where a likely looking sand was encountered at 3,000 feet. Dr. J. S. Rushing and Associates are drilling on the H. M. Nash land on a five-acre tract at about 2,300 feet. The Pure Oil Company is drilling at 2,520 on a test in section 7. Bailey & Trimble have been delayed on their test on the El Dorado Realty land in section 7, a stuck drill stem having caused the derrick to be pulled in.

Other wells in Rainbow include: Oil Well Corporation Perdue No. C-3, coring at below 2,700 feet; Gann and associates, Doss No. 1, section 10-17-14, drilling below 2,400 feet; H. L. Hunt, Gregory No. 7, section 10-17-14, coring out after perforating casing at 3,046, where a show of oil was found; Ohio Oil Company Emery Raulston No. 1, section 12-17-14, casing set preparatory for balling; C. E. Murdock Gregory

No. 5, section 10-17-14, perforated casing at 2,805.

Considerable interest is being shown in a test to be put down in the Lawson-Urbana sector, 14 miles southeast of El Dorado, where a small field was discovered in the summer of 1926. The well is to be drilled by Johnston & Gunner on the T. C. Cargile land in the southwest corner of southeast of southwest of section 4-18-13, between the towns of Lawson and Urbana. This location is about a mile north of the Simmons well which blew in as a gasser in August, 1926. Many other tests were made in that area, most of them resulting in gas wells that turned to salt water.

Wildcat operations are attracting considerable attention. The Phillips Oil Company is drilling on the J. W. Kline No. 1 in section 28-16-12, Bradley county near Moro Bay at 1,400 feet. This is near the wildcat drilled by Joe Hurley and Associates last winter, when a good showing was reported to have been found. Dr. T. J. Bush and Associates are drilling below 1,000 feet on the Tom Hill No. 1 in section 5-17-18, two miles southwest of Mt.

Holly and a short distance across the line in Columbia county. A large block of acreage has been obtained and several companies are interested in the well. W. M. Coats is drilling below 2,900 feet on the McDuffee No. 1 in section 32-19-16.

# Emery Raulston No. 1 Reported Flowing by Heads.

Special to the Gazette. 6/3/29  
El Dorado, June 4.—The Emery Raulston No. 1 of the Ohio Oil Company in the northeast corner of the southwest quarter of the southeast quarter of section 12-17-14, Rainbow City field was bailed and swabbed today and tonight is flowing by heads. The well is expected to make around 200 barrels a day as a pumper. Location of this well is in what formerly was known as the dry area of the Rainbow City sector.

The Ohio also has set casing at around 3,000 feet on the El Dorado Realty Company No. 1 in section 7-17-13 and is recementing casing on the Adams No. 2 in section 12-17-14 which showed only a small amount of oil and gas when bailed a few days ago.

# FLOW INCREASES IN NEW RAINBOW WELL

### Ohio Company's Gusher Jumps From 200 to 500 Barrel Per Day.

Special to the Gazette. 6/6/29  
El Dorado, June 5.—The Emery Raulston No. 1 well of the Ohio Oil Company in section 12-17-14, Rainbow field, which came in late yesterday at about 200 barrels per day, has increased its production to approximately 500 barrels, and is making pipe line oil of 32 gravity. Pipe lines have been built and the production is being stored on a nearby lease.

A drill stem test on the Pure Oil Company's No. 1 H. M. Nash in section 7-17-13, a mile east of the Raulston, today indicated the well will make between 500 and 700 barrels of oil. The test was made at 3,035 feet and the oil rose approximately 1,000 feet in the drill stem. Casing will be set preparatory to balling.

Gann and Associates obtained a showing of five million feet of gas and a spray of oil in a drill stem test of the Doss No. 1 in section 10-17-14, northwest part of the field. The test was made in the shallow sand at below 2,800 feet.

Dr. J. S. Rushing is drilling at near 3,000 feet on the H. M. Nash land in section 7, and the Ohio Oil Company is coring on the Nash No. 1 in the same section.

Estes and Associates will ball their El Dorado Realty No. 1 in section 8-17-13 Saturday for the third time. Casing trouble developed in former tests. The Lion Oil Refining Company is expected to ball soon on its well on the El Dorado Realty land in section 7.

# ONE COMPLETION IN RAINBOW EXTENSION

### 500-Barrel Gusher and Two Tests Are Features of Week.

Special to the Gazette. 6/9/29  
El Dorado, June 8.—Completion of the Ohio Oil Company's Emery Raulston No. 1 well in section 12-17-14, Rainbow field, in semidry territory, as a 500-barrel well and the testing of two others in the northeast sector of the field with indications of good producers featured the week's development in the El Dorado oil district.

The Raulston well is in the northeast corner of southwest of southeast of section 12 and in the neighborhood of dry tests made a year ago. It is flowing about 375 barrels per day after settling down from flush production.

The Pure Oil Company made a drill stem test on its H. M. Nash No. 1 in the southeast corner of northwest of southeast of section 7-17-13, obtaining a showing of 500 barrels per day. The chief obtained a show of four million feet of gas in a drill stem test on the H. M. Nash No. 1 in section 7. Both tests were in the Crain sand at around 3,000 feet, and casing has been set.

The Lion Oil Refining Company and Estes-Magna will ball on two Rainbow tests soon. Gann and associates obtained a good show of gas in a drill stem test of their Doss No. 1 in section 10-17-14. Dr. J. S. Rushing is drilling at 3,000 feet on the Nash land in section 7-17-13.

Besides the Rainbow operations there have been three small completions recently in the South Arkansas fields. The Sun Oil Company has brought in its Hatfield No. 7 in section 6-16-15, Smackover area, and the well is on the beam as a pumper good for around 25 barrels per day. The completion was from 1,980 feet. The Simms Oil Company has completed the Hildebrandt No. 1 in section 28-15-15, Ouachita county, Snow Hill sector, and the well is reported good for about 40 barrels at a depth of 2,048 feet. The Texas Company brought in the Wright No. 1 in section 2-16-16, just outside the city limits of Smackover, and the well is pumping eight barrels.

The wildcat test of W. M. Coats, trustee, in section 32-19-16, on the McDuffee farm near Scotland yielded a good showing when cores were taken below 3-100 feet. The test is near an

the J. W. Kline No. 1 well in section 28-16-12, near Moro Bay. Another well is being planned across the river in the Pigeon Hill territory, it is understood.

# Rovenger Oil Company's Perdue No. 2 Rated at 1,400 Barrels.

Special to the Gazette. 6/9/29  
El Dorado, June 8.—An old sector of Rainbow City oil pool, which has not seen a gusher completed within almost a year, came into its own again late today when the Rovenger Oil Company's Perdue B-2 in section 9-17-14, brought in earlier in the day, was flowing at the rate of 1,400 barrels per day.

The well came in after being bailed about an hour, and flowed for a short time at about 50 barrels per day. The gas pressure continued to increase and all available storage was filled. A considerable amount of oil was allowed to run into a small stream but this afternoon earthen storage was started and steel tanks were built. There is considerable water but the gauge showed 350 barrels of oil the first six hours, company officials reported.

The well is located in the southeast corner of southeast of northeast of section 9-17-14, the center of activity nearly a year ago, when several large wells were brought in.

# ANOTHER PRODUCER IN RAINBOW FIELD

### H. M. Nash No. 1 of Pure Oil Company Estimated at 1,500 Barrels.

Special to the Gazette. 6/10/29  
El Dorado, June 13.—Another well was scored in section 7-17-13, northeast extension of Rainbow Oil pool today when the Pure Oil Company brought in its H. M. Nash No. 1 in the southeast corner of northwest of southeast with a flow of between 60 and 70 barrels per hour or about 1,500 barrels per day.

The well came in with a heavy gas pressure and without balling. The pressure registered 650 pounds and the well is making about 5,000,000 feet of gas per day. The crew was unable to remove all the tools from the hole. The oil is of 32 gravity and free of water.

The Pure well was completed from the Crain sand at 3,035 feet, and is one of the best wells brought in within the past month.

The Lion Oil Refining Company will ball its El Dorado Realty No. 1 in section 7-17-13 tomorrow. Two other operations in the section have encountered trouble.

# PURE OIL COMPANY WELL BROUGHT IN

### H. M. Nash No. 1 Makes 1,500 Barrels a Day Without Bailing.

Special to the Gazette. 6/16/29  
El Dorado, June 15.—Completion of the Pure Oil Company's H. M. Nash No. 1 well in section 7-17-13, northeast extension of Rainbow field, was the feature of the week in the South Arkansas fields. The well came in without balling and is good for 1,500 barrels per day. The pressure was 640 pounds and the well made around four million feet of gas per day. It is located in the southeast corner of southwest of northeast of section 7.

The test of Rovenger Oil Company on the Perdue farm in section 9-17-14, northwest part of the Rainbow field, which came in a week ago making more than 1,000 barrels of oil per day, sanded up and the crew is running tools in an attempt to bring it back to production. The Oil Well Corporation, drilling on the Perdue neighboring lease in section 9, obtained good showings in the same sand, at around 2,800 feet.

Two tests in the northeast extension of Rainbow field in section 7-17-13 have been junked and the derricks will have to be skidded over. Dr. J. S. Rushing lost a part of the drill stem in the Nash No. 1 when drilling trouble developed, and Bailey & Trimble failed to remove a stuck drill stem.

Drilling activity in Rainbow pool has been centered in section 7-17-13 for the most part, with a few operations under way on edge tests and the cleaning out of old wells.

Considerable interest is being shown in a test being put down in the Lawson-Urbana territory at Johnston and Gummer. The test is on the W. R. Cargile land in section 4-18-13, and will be taken 3,500 feet unless production is found at a shallower depth.

Dr. T. J. Bush and associates are drilling on a wildcat on the Hill land in section 5-17-18, southwest of Mt. Holly in Columbia county. Arrendale and others are drilling a wildcat south of Mt. Holly.

The Phillips Petroleum company failed to obtain a favorable showing in

the J. W. Kline No. 1 well in section 28-16-12, near Moro Bay. Another well is being planned across the river in the Pigeon Hill territory, it is understood.

# Root Refining Buys \$250,000 Worth of Arkansas Leases.

Special to the Gazette. 6-18-29  
Shreveport, La., June 17.—The Root Refining Company, with offices here, has bought from the Amerada Petroleum Company, five 40-acre tracts in the Smackover (Ark.) field in Union and Ouachita counties, it was announced today by C. P. Hamilton, president of the Root company. The leases have a daily average yield of between 600 and 700 barrels.

The Root Refining Company has also bought one 40-acre tract with five producing wells making about 150 barrels daily run, from E. N. Wood, trustee for the Continental Supply Company. This lease is also in the Smackover field. Consideration for both purchases aggregated approximately \$250,000, Mr. Hamilton said.

# OIL DEVELOPMENT IS BELOW NORMAL

### Three Wells Completed and Interest Revived in Mount Holly-Stephens Area.

Special to the Gazette. 6-23-29  
El Dorado, June 22.—With the exception of one completion in the Rainbow field, two other small producers in older areas and the revival of interest in the Mount Holly-Stephens field of Ouachita county, oil development in the south Arkansas fields was below normal during the past week.

The Ohio Oil Company brought in its M. H. Nash No. 1 well in the southeast corner of northeast of southwest of section 7-17-13, northeast extension of Rainbow field, making between five and six million feet of dry gas. The well was completed from a depth of 3,000 feet in the Crain sand. The Ohio recently has completed some of the best wells in the Rainbow field.

The Pure Oil Company's No. 1, M. H. Nash, in section 7, which was brought in as a gusher two weeks ago and later dropped to below 200 barrels, increased its flow to around 700 barrels per day.

Considerable interest has been revived in the Lawson-Urbana territory, where a "boom" was started three years ago with the completion of a giant gasser. The old well, while being worked over this week, blew in again making a flow estimated at around 80 million feet of gas per day, but characteristic of all wells drilled in that area, soon turned into salt water. The crew is planning to deepen the test in the hope that a strata of oil sand will be encountered. The well is located in section 9-18-13, near the townsite of Urbana. A wildcat is being drilled in section 4-18-13, north of this well, by Johnston and Bummer on the W. R. Cargile land.

Phillips to Drill Again.  
The Phillips Petroleum Company, which recently abandoned its wildcat test in section 28-16-12, Bradley county, near Moro Bay, will drill another in the vicinity of Pigeon Hill in Union county, it is reported. Leasing has been under way in the Pigeon Hill territory for some time.

The Ohio Oil Company is rigging up on a wildcat test on the Stout Lumber Company's land in Calhoun county, section 31-14-12, near Harrell. It is understood that a deep test will be made.

H. L. Hunt has completed his Gregory No. 7 well in section 10-17-14, Rainbow field, as a small pumper and will place on standard rig. The Simms Oil Company has placed the Hildebrandt No. 1 on the beam in section 28-15-15 at about 25 barrels. H. M. Harrell is pumping the Flenniken No. 3 in section 5-16-15 at 10 barrels.

New Tests Under Way.  
Several new tests are under way in Rainbow field. Rovenger Oil Company has derrick up for its Perdue No. D-3 in section 9-17-14. Oil Well Corporation is rigging up on the Perdue E-2 in section 9-17-14. Johnston & Foster are preparing to drill a test on the Oliver

land in section 18-17-13, southeast of the producing area. Gann and associates are rigging up on the Schmidt land in section 15-17-14.

The Phillips Petroleum Company is rigging up on the Eagle Mills Lumber Company No. 1 in section 11-12-16, Calhoun county. Sunby and associates have location for their No. 1 Farris in section 27-15-15, Ouachita county. Arrendale and Edmondson are rigging up on the Gallagher No. 1 in section 18-18-17, west end of Union county. J. T. Hawkins has shut down for orders on the Goodwin No. 1 in section 6-17-15, five miles north of El Dorado, where a show of three million feet of gas was encountered.

Much interest is being shown in the Mount Holly-Stephens field, where McDoland Oil Corporation is drilling two tests. Casing has been set on the Wilson A-2, where a drill stem test indicated a good producer. A drill stem test is scheduled soon on the Wilson B-3. Trading has been active in the field for the past few days. There are three producers in the field, two owned by the McDonalds and a third by the Root Refineries.

# NUMEROUS WILDCAT WELLS ARE DRILLED

## Operators Hope for New Field in Union or Adjoining Counties.

Special to the Gazette. 6-30-29  
El Dorado, June 29.—Outside of wildcat operations and the reworking of old wells, the past week was an exceptionally quiet one in the El Dorado oil district. There were no completions of consequence and only a few wells are being drilled in the proven areas.

The numerous wildcat wells being drilled in Union and adjoining counties serve to keep up hopes that a new field will be uncovered in this territory. No less than a half dozen are under way or contemplated in the west end of Union county, while five are being drilled in Columbia, five in Ouachita, one in Calhoun, one in Ashley and one in Clark.

The test of Dr. J. S. Rushing, in the center of the newest production in Rainbow field, has hit the sand in the M. H. Nash No. 1 in section 7-17-13 at 3,134 feet. A drill stem test at a few feet above this level showed water and a small amount of gas, but when the hole was drilled deeper, a better showing was secured.

Considerable interest has been aroused over the showing in a wildcat well about five miles north of El Dorado and south of the Smackover field. The well is the Goodwin No. 1 of J. T. Hawkins, in which a showing of several million feet of gas was encountered at 2,190 feet. The crew has shut down while additional acreage is being blocked. The well is about three miles from the nearest production.

The Root Refineries, Inc., is moving rig on location of the Oliver No. 1 in section 18-17-13, southeast of production in Rainbow field. Magnolia Petroleum Company is rigging up on the Gregory land in section 15-17-14.

Two new wells are being started in the southeast part of Union county. Woodley Petroleum Company is starting up on the First National Bank (El Dorado) No. 1 in section 34-19-18. John Stark and associates have made location for their John D. Ainsworth No. 1 in section 8-19-16, two miles southeast of Wesson.

# LITTLE ACTIVITY IN EL DORADO FIELDS

## Wildcats and Old Tests Only Wells Worked This Week.

Special to the Gazette. 7/9/29  
El Dorado, July 6.—With activity confined principally to drilling of wildcat wells and deepening a few old tests in settled production, another quiet week passed in the El Dorado oil district. Two new tests, one an edge well, the other about two miles from production, have been started in Rainbow field.

O. W. Estes has one in section 24-17-14, south of production, and the Root Refineries have a test in section 18-17-13, on the Oliver land. Dr. J. S. Rushing is working on his M. H. Nash test in section 7-17-13, where a likely sand at 3,100 feet failed to produce. The Rushing well was the last of a half-dozen started more than a month ago on the strength of two big flowing wells brought in on the east side of section 7.

In the west end of Union county Arrendale and associates are drilling on the Gallagher land in section 18-18-17, where a block of several hundred acres has been obtained. J. T. Haskins is expected to make another test soon on the Goodwin No. 1 in section 6-17-13, where a good gas showing was made at 2,190 feet. This well is in wildcat territory, more than two miles from production. Stark and associates have started on their John D. Ainsworth No. 1 in section 8-19-16, southeast of Wesson.

Considerable interest was aroused over the Wilson C-1 of McDonald Oil Corporation in section 25-15-18, Ouachita county. The well blew in shortly after the plug had been drilled preparatory to bailing, but later sanded. The crew hopes to make a good producer out of the test. McDonald will drill the plug soon on the B-3 well, a short distance from the C-1.

Arkansas pipe line runs totaled 69,550 barrels per day during the past week, as compared with 69,800 for the previous week. Rainbow field hit the lowest figure in many months, with 7,200 barrels per day. Smackover light was 6,100 and Smackover heavy 48,400.

# Interest in Smackover-Norphlet Drilling Campaign Grows.

Special to the Gazette. 7-11-29  
El Dorado, July 10.—A drilling campaign has been started in one of the deep sand sectors of the Smackover-Norphlet territory, a short distance across from Union county in Ouachita, and with one well completed, several old ones perforated back and two new tests under way, considerable interest is being aroused.

The latest showing is in the Farris No. 1 of Wingfield and associates in the southwest corner of northwest of southeast of section 27-15-15, a mile north of Smackover creek, where 11 feet of good sand has been encountered at around 2,090 feet in the Nacatosh sand. The crew has moved pipe to the location and casing will be set at once.

# DRILLING ACTIVE IN EL DORADO FIELDS

## Many Old Wells Being Deepened or Plugged Back.

Special to the Gazette. 7-14-29  
El Dorado, July 13.—The oil fraternity in South Arkansas again is "looking up" following developments during the past week in three sectors of Union and Ouachita counties.

Indications for a good producer in the Perdue No. B-3 of Rovenger Oil company in section 9-17-14, northwest part of Rainbow field, and the deepening of an old well by Kenebrue & Simpson in section 3-16-15, directed attention to these two fields. The Perdue drill stem test indicated around 600 barrels per day, officials said. The well is in the deep sand below 3,000 feet. The Kenebrue & Simpson well is making 200 barrels per day from a depth of 2,480 feet, after being deepened from 1,950 feet. The new sand is the same as the Graves strata in the Smackover field and has proved one of the most prolific in the El Dorado district.

Drilling Campaign Expected.  
What is expected to develop into a major drilling campaign in another old territory is the starting of several rigs about four miles northeast of Smackover in section 27 and 35-15-15, just across the line from Union in Ouachita county. The Phillips Petroleum Company brought in a producer from the Nacatosh sand at around 2,000 feet, and the same company has four old wells that were plugged back from the deep sand to this depth and 400 barrels production a day is being obtained. The Roxana Petroleum Company also has several plugged back wells which are producing. The Standard Oil Company, heavy lease holder in the territory, is expected to start several wells soon. Wingfield & Sunby recently found 11 feet of good sand at 2,060 feet and have set casing. This is the J. M. Farris No. 1 in the southeast quarter of section 27-15-15. The Skelly Oil Company has started up on a new well on the Scott lease in section 34-15-15, and C. E. Murdock has made location for one in the same vicinity.

The shallow sand was discovered after the old deep sand had begun to weaken. The "plugging back" process was resorted to, which is done by punching holes in the casing at a specified distance above the bottom. The sand proved to be oil bearing, and renewed activity.

Two Wildcats Begun.  
Calhoun county, where several tests were made several years ago, has two wildcats under way now. The Ohio Oil Company is drilling on the Stout Lumber Company's land in section 24-14-12, and the Phillips Petroleum company has made location for one in section 25-16-13. Lohman and associates are drilling below 2,000 feet on the Fogel land in section 18-14-16, Ouachita county. Other Ouachita county operations include: Arnold & Doyle, Hamilton No. 1, section 23-15-16, shut down for lack of funds of 1,100 feet; Copenhagen & Warren, Warnock No. 1, section 2-15-17, rigging up; Phillips Petroleum Company, Eagle Mills Lumber Company, section 11-12-16, drilling below 2,500 feet; Timberlake and associates, Wright No. 1, section 25-14-18, shut down at 2,907.

Arrendale & Edmondson are drilling below 1,000 feet on the Gallagher No. 1 in section 18-18-17, Union county. W. M. Coats is below 3,800 feet on the McDuffee No. 1 in section 32-19-16. Dr. J. S. Rushing is below 3,200 feet on the M. H. Nash No. 1 in section 7-17-13, Rainbow field. The Root Refineries are drilling at below 1,200 feet on the Oliver No. 1 in section 18-17-13.

Several new wells are to be started soon in the McDonald field in Ouachita county, following completion of the B-3 Wilson by the McDonald company. Edwin Jones, McDonald brothers and the Pure Oil Company are heavy leaseholders in the field.

# DRILLING REVIVAL TO FOLLOW WELL

## Ouachita County Producer in Smackover Field Estimated at 100 Barrels.

Special to the Gazette. 7-20-29

El Dorado, July 19.—A revival of drilling in the old deep sand area of the Smackover oil field north of Smackover creek in Ouachita county was seen today in completion of the Farris No. 1 well of Wingfield & Sunby at between 50 and 100 barrels of pipeline oil per day. The new well is from the shallow sand at 2,060 feet in the Nacatosh formation and is a three-quarter-mile extension of the field. It is the first well brought in from this sand in the old field and it is predicted that an extensive drilling campaign will be opened. The Phillips Petroleum Company recently plugged back an old well from the deep sand to this level and the well is producing 210 barrels per day.

The Rovenger Oil Company will test Saturday on its Perdue No. 1 in section 9-17-14, Rainbow field, where a drill stem test indicated around 500 barrels per day.

# RENEWED DRILLING CAMPAIGN BEGUN

## Smackover Deep Sand Area Attracts Interest With Shallow Sand Well.

Special to the Gazette. 7-22-29

El Dorado, July 20.—A renewed drilling campaign is expected to follow the completion of the first shallow sand well in the newly discovered Nacatosh formation in the old Smackover deep sand area, where several rigs are already running. The new well is the Farris No. 1 of Wingfield & Sunby in section 27-15-15, and is good for between 50 and 100 barrels per day when placed on the beam. Standard rig is being built and the well will be placed on the pump. It was completed at 2,050 feet and is a three-quarter mile extension to the east. The area is across the line in Ouachita county from Smackover and in the territory made famous by gushers from the deep sand three years ago.

The Standard Oil Company has set casing on its Scott well in section 35-15-15, southeast of the Wingfield well, and the Skelly Oil Company is drilling on the Scott lease in section 35. C. E. Murdock is planning to drill on a block in section 36. The Phillips Petroleum and Roxana Petroleum companies have several wells producing from the shallow sand in this territory, all of which were plugged back from lower levels. The best is the Phillips Scott, which is pumping 210 barrels per day.

Following the discovery of an excellent gas sand in a wildcat territory led to the starting of another test this week. The well in which the gas showing was found is the J. T. Hawkins No. 1 Goodwin, section 6-17-15, about four miles north of El Dorado. A drill stem test showed 5,000,000 feet of gas at 2,190 feet. The well is about two miles from the nearest production, the southwest Smackover extension. George J. Rice has set surface casing on another wild cat in a mile to the south, on the Whatley land. Two old wells, drilled in this area several years ago, are said to have yielded good showings.

Rainbow operations have been unusually quiet during the last few weeks. Rovenger Oil Company is preparing to test on the Perdue B-3 in section 9-17-14, northwest part of Rainbow, where a drill stem test indicated about 500 barrels per day. Southeast of the producing area the Root Refineries is drilling at below 3,200 feet on the Oliver No. 1 in section 18-17-13. Oil Well corporation is drilling below the Crain sand on the Perdue No. 3 in section 9-17-14. O. W. Estes is drilling on the Gaddy No. 1 in section 24-17-14. Johnston & Gunner have gone to 3,200 feet in the Cargile No. 1 wildcat in the Lawson-Urbana territory without finding a producing sand. Several good showings were had.

Wildcat operations in Union county continue to draw interest. W. M. Coats has a fishing job on the McDuffee No. 1 in section 32-19-16 at 3,940 feet. Arrendale and Edmondson are below 1,200 feet on the Gallagher No. 1 in 18-18-17.

Several new wells are to be started soon in the McDonald field in Ouachita county, following completion of the B-3 Wilson by the McDonald company. Edwin Jones, McDonald brothers and the Pure Oil Company are heavy leaseholders in the field.

# WILDCATS BUSY IN EL DORADO DISTRICT

## Drilling in Proven Fields Below Normal; Well West of Junction City Draws Attention.

Special to the Gazette. 8-4-29

El Dorado, Aug. 3.—With drilling in proven fields below normal, wildcat operations received the major share of attention in the South Arkansas oil district during the past week.

Two wildcat wells, one in the southern part of Union county, near the Louisiana line, the other in the western part of the county, near the Columbia county line, took the lead among the traders. The well of W. M. Coats, trustee, on the J. M. McDuffee farm in the southwest of the northwest of section 32-19-16, four miles west of Junction City, has been the center of attention for the last few days. The well, said to be one of the deepest ever drilled in the county, showed a good sand at below 4,200 feet, and it is believed that the owners will set casing at this depth, although officials have declined to state their plans. It is said that a special design of heavy casing has been ordered and will be here in a short time. Meanwhile a quiet trading campaign is on, with leases changing hands as far away as three miles. The trading, however, has not reached the fancy price stage, the usual wildcat figure of \$10 and upward per acre being paid.

Coats has a large block in the vicinity of the well. The wildcat was spudded in early last spring and showings were encountered at several shallow depths, but tests failed to yield a producer.

The other wildcats of interest is the Arrendale & Edmond No. 1 on the Gallagher farm in section 18-18-17, near the Columbia county line south of Mt. Holly. A good sand is said to have been hit in the Nacatosh sand at around 2,000 feet, but little information is being given out.

Another producer has been completed in the shallow sand discovery in Ouachita county, between Smackover and Snow hill. The Skelly Oil company brought in its Scott No. 1, in section 34-15-15, as a pumper at about 50 barrels per day. The completion was from 1,974 feet. Casing has been set by the Phillips Petroleum company on the Scott No. 1 in section 34, and by the Marine Oil company on the Snyder No. 1 in the same section. Wingfield & Sunby recently completed their Farris No. 1, good for 50 barrels per day. The Standard Oil company is building a standard rig on the Powell No. 1 in section 34.

J. T. Hawkins is expected to drill in his Goodwin No. 1 in section 6-17-15 within a short time. Casing was set at 2,190 feet following a good gas showing in a drill stem test.

Operations in the Rainbow field are quiet, with but few rigs running. The Magnolia Petroleum company is drilling on its Gregory No. 1 in section 15-17-14 at below 3,000 feet. The Pure Oil company has set surface casing on the E. F. Gregory No. 1, in section 10-17-14. The Pure Oil company has perforated the casing on the Gregory No. 1 in section 10, and has obtained a small well. Gann and associates are preparing for a test on their Doss No. 1, in section 10.

The Houston Oil company, which purchased the McDonald holdings in section 25-15-15, Ouachita county, is planning a drilling campaign, it is reported. The company will lay a pipe line from its refinery, near Camden, to the field, a distance of about 12 miles. The oil from the new field is now being bought by the Texas company.

# NEW DEEP SAND IN UNION COUNTY

## Wildcat on J. M. McDuffee Farm 1,000 Feet Below Producing Levels.

Special to the Gazette. 8-11-29

El Dorado, Aug. 10.—Interest in a new deep sand nearly 1,000 feet below the present deepest producing levels in south Arkansas oil fields has been stirred with the finding of a good showing in a wildcat well drilled by W. M. Coats, trustee, El Dorado operator, on the J. M. McDuffee farm in section 32-19-16, near the Louisiana line in Union county.

Casing has been set on the Coats well at a depth of approximately 4,100 feet, the deepest level at which casing has ever been cemented in a south Arkansas test, and the well will be bailed within two weeks. The owners claim to have found an excellent oil bearing sand in cores taken from the well, the oil being above 45 gravity. The crew was unable to get a good drill stem test, but this was partly due, it is believed, to the depth which made the mud pressure excessively heavy.

Two other wildcat operations have caused a flurry of excitement, and trading has been active. The test of Arrendale & Edmondson on the Gallagher land in the southeast corner of section 18-18-17, south of Mount Holly and near the Columbia county line, encountered what was reported to be a promising oil sand in the Nacatosh formation at 2,100 feet. A drill stem test is planned soon. The well is in a territory held favorable by oil men for several years, and is not many miles from the Trinity well which caused a great deal of trading 10 years ago when an oil sand was struck.

The J. T. Hawkins wildcat well in section 6-17-13, about four miles north of El Dorado, yielded about 1,000,000 feet of gas when bailed from 1,960 feet. The crew still is at work and it is hoped to increase the flow, with possibility of finding oil at a little deeper level. Many leases have changed hands around the well within the last week.

The Magnolia Petroleum Company obtained a showing of between 25 and 30 million cubic feet of gas in a drill stem test on its W. K. Gregory No. 1 well in the northeast corner of southwest of section 15-17-14, Rainbow field, and casing has been set. The well is in the southeastern extension of Rainbow field and is in the shallow sand at 2,840 feet.

Drilling Campaign Started.  
A steady drilling campaign is in progress in the Smackover-Snow Hill territory of Ouachita county, where a shallow sand has been uncovered in the old deep sand areas. The Standard Oil Company has completed its Powell No. 1 in section 34-15-15 at around 90 barrels per day. Wingfield & Sunby

completed their Farris No. 1 in section 27-15-15 at 50 barrels. The Phillips Petroleum Company brought in its Scott No. 2 in the same section. Several new wells have been started.

The Ohio Oil Company is drilling below 2,500 feet on its Stout Lumber Company test in section 30-16-14, Union county. The same company is drilling on the Stout land in section 31-14-17 Calhoun county, near Harrell. The Phillips also is drilling in Calhoun county on the Freeman-Smith land near Artesian in section 25-16-14. Modisette Drilling Company has started up on the Union Sawmill Company's land in section 1-18-14. Rice and associates are drilling on the Whatley No. 1 in section 7-17-15. The Magna Petroleum Company is drilling on the Linahan No. 11-B in section 36-15-16.

After going through the hectic boom days of 1922 without being able to claim a well all its own, the townsite of Smackover has at last yielded up the golden fluid. Wilson & Chapman recently completed their Purifoy No. 1 on the west side of town as a 50-barrel well. The company has set casing on a test on land of Robert William Bradley, adjoining the Purifoy tract.

# SECOND WELL FOR CITY OF SMACKOVER

## Wilson & Chapman's Robert William Bradley No. Com-1 pleted as Producer.

Special to the Gazette. 8/18/29

El Dorado, Aug. 17.—Completion of a second well by Wilson & Chapman in the newly developed oil pool in the Smackover city limits was the feature of the week in the El Dorado oil district. The new well is the Robert William Bradley No. 1, located in Lot 10, section 2-16-16, just west of the townsite, and the flush production was rated at 250 barrels. When placed on the beam the well, is expected to settle down to around 75 barrels. It was brought in from the Macatosh sand at around 2,000 feet.

The Bradley well is on land owned by Robert William Bradley, who returned to El Dorado three years ago after being widely sought as the only heir to new oil wealth following the discovery of oil near Smackover. The Bradley farm, although it brought a fancy price when leased, never had been developed until now. Wilson & Chapman have a block of 800 acres which they are developing. They recently completed the Purifoy No. 1 near the Bradley well, and it is now pumping about 40 barrels per day.

Operators and field followers are interested in the wildcat well of W. M. Coats, trustee, located in section 32-19-16, near the Louisiana line and four miles west of Junction City, where casing was set a week ago at 4,100 feet after a good showing was had. The well is the deepest ever to be tested in Union county. If the usual procedure of waiting ten days for cement to set is followed the well should be drilled in and bailed early next week. Thousands of dollars have changed hands in that territory for leases and royalty, and a number of the big operators have bought "production stuff," or acreage in that vicinity.

Large Gas Showing.  
The Magnolia Petroleum company obtained a show of 30 million feet of gas in the W. K. Gregory No. 1 well in section 15-17-14, Rainbow field, and casing was set. The well is in the southern end of the field. The sand was found at around 2,840 feet. O. W. Estes is deepening the Rowland well in section 14-17-14, one of the early completions in Rainbow. The well produced for more than a year from the shal-



### New Location Made, Another Planned Near El Dorado.

Special to the Gazette.  
El Dorado, Nov. 6.—Wilson & Chapman, El Dorado oil operators, have made a location for an oil test on a block of 1,200 acres, lying on both sides of the El Dorado-Smackover paved highway, about four miles north of here, and derrick pattern has been put on the ground. The well will be known as the Jasper Thompson, and the location is southeast corner of northwest of northwest of section 4-17-15.

J. T. Hawkins is planning a second test on a block in section 6-17-15, two miles west of the Wilson & Chapman test, where he drilled a well early this year and obtained an excellent showing of gas.

The Sinclair Oil Company has completed a new shallow sand well in section 6-16-15, two miles east of Smackover, good for about 150 barrels daily. The Oil Fields Corporation is rigging up on its McKenzie test in section 36-15-16, Ouachita county, which was brought in at around 50 barrels early last week. The Simms Oil Company is preparing to pump its No. 4 Johnson well in section 31-15-15, which is expected to make around 40 barrels. Four wildcat wells are under way in Union county. They are: Roxana Petroleum Company, Carroll No. 1, section 19-18-16, near Wesson; Arkansas Drilling Company, Norris No. 1, near Strong; Edwin Jones, Union Sawmill No. 1, section 17-19-14, northeast of Junction City; and Joe Modisette, in section 5-17-12, near Moro Bay.

### Two Wildcat Tests in Union County Arouse Interest.

Special to the Gazette.  
El Dorado, Nov. 7.—Two wildcat wells were claiming the attention of the El Dorado oil fraternity tonight with many at the scene of operations. Car after car of oil men left El Dorado today to visit the W. M. Coats trustee McDuffie No. 1 wildcat in section 32-19-16 near the Louisiana line five miles west of Junction City and the Federal Petroleum Company Union Saw Mill Company No. 1 in section 5-15-14, near Pigeon Hill.

Bailing of the Coats well was scheduled to have been started about noon but the crew was delayed and testing will not start until early Thursday morning. Reports of a good sand having been encountered in a core taken yesterday sent many early this morning to the Pigeon Hill well where a drill stem test was made around 2,300 feet. Reports drifting back here from the well this afternoon were that no showing of oil or gas was had in the test. These reports started that other cores were to be taken before the well is drilled deeper.

## PUMPER BECOMES A FLOWING WELL

### Old Test in Rainbow Field Suddenly Develops New Activity.

Special to the Gazette.  
El Dorado, Dec. 8.—The Rainbow oil field, 14 miles east of El Dorado, has come into the limelight again with an old well, drilled more than a year ago suddenly turning from a pumper into a flowing well of gusher proportions. The test is the H. L. Hunt No. 1 Gregory, in Section 10-17-14, in the center of the operations during 1928. It is flowing approximately 1,000 barrels of oil daily.

The well started flowing of its own accord after it had been pumped since it was completed in 1928. It had been a good producer from around 3,000 feet, making as high as 300 barrels a day. There is a flow of about 3,000 barrels of water, in addition to the 1,000 barrels of oil, and the gas pressure is about 2,000,000 feet.

Most of the other wells in Rainbow field have settled down to a meager production. There is only one other operation of interest in the area. The Magnolia Petroleum is preparing to test its Schmidt well in Section 15-17-14 at 2,718 feet.

Three wildcat operations are of particular interest in Union county. A group of El Dorado men has taken over the Arrendale and Edmonson well on the Gallagher land in Section 18-18-17, near the Columbia county line, where excellent cores were taken before the test was closed down last summer. The Marine Oil Company's deep test in Section 10-18-13, near Lawson, is showing up favorably at 2,900 feet. A wildcat test by Modisette Drilling Company near Lawson is reported to have good indications.

## EL DORADO FIELD HAS QUIET WEEK

### No Completions of Consequence in South Arkansas Oil District.

Special to the Gazette.  
El Dorado, Dec. 7.—Another quiet week prevailed in the south Arkansas oil district, with no completions of consequence and few rigs running.

Two new wells are under way in the El Dorado district. O. W. Estes is drilling below surface casing on the Telford No. 1 wildcat in section 34-17-15, a mile east of El Dorado, and permit has been issued by the Conservation Department for the drilling of the Crain No. 1 in section 6-18-15, two miles south of El Dorado, by E. G. Bradham and others.

The Skelly Oil Company is still working on its Wood No. 5 in section 34-15-16, Ouachita county, which failed to produce from the Nacatosh sand at around 2,000 feet. An old well in the Rainbow field, drilled by H. L. Hunt more than a year ago, has increased its flow after several months of meager production.

Wilson & Chapman are drilling below surface casing on their Thompson No. 1 well in section 4-17-15, four miles north of El Dorado. Staples and associates are below 1,800 feet on their John D. Ainsworth No. 1 in section 8-19-16, southeast of Wesson. The Artex Oil Corporation is drilling on its Smith well in section 31-15-17, Ouachita county, near the McDonald field. The Magnolia Petroleum Company has plugged back on its Schmidt well in section 15-17-14, Rainbow field, after failing to get a producer at 3,200 feet, and will bail in a few days at 2,718 feet.

## NEW WELL BROUGHT IN NEAR EL DORADO

### Additional Pool Believed Uncovered in Practically Abandoned District.

Special to the Gazette.  
El Dorado, Dec. 13.—A new oil pool was believed uncovered about 12 miles east of El Dorado today when the wildcat well of Joe Modisette, El Dorado oil operator, indicated a producer upwards of 100 barrels a day, when a drill stem test was made at slightly below 2,100 feet in the Nacatosh sand.

The well is on land belonging to the Union Sawmill Company and is located in the southeast corner of northwest of northeast of section 14-18-14, about two miles north of Hillsboro, one of the oldest settlements in the county, now practically abandoned.

The drill stem test yielded two "four-bles," of oil, the fluid rising approximately 150 feet in the drill pipe when the test was made. The owner plans to set casing and make a thorough test.

Interest has been aroused in the well and several lease deals were reported today. Miss Birdie Burnside sold a lease on 80 acres to a local producing and refining company for \$50 per acre.

The nearest production is about three miles to the west, in a small pool brought in three years ago by Grimes and Jones, independent operators.

Several other wildcat wells are under way in the county, one or two of which are expected to reach the testing stage soon.

## SMALL PRODUCER REVIVES INTEREST

### Tradings in Royalties Follows Drill Stem Test Near Hillsboro.

Special to the Gazette.  
El Dorado, Dec. 14.—The first spurt in lease and royalty trading that Union county has experienced in several months developed here Saturday following a drill stem test on a wildcat well 12 miles east of El Dorado and near the old townsite of Hillsboro. The test indicated a producer good for around 100 barrels of oil from the Nacatosh sand at 2,220 feet.

A new oil pool is believed to have been uncovered in the wildcat well, drilled by Modisette Drilling Company on the Union Sawmill Company's land in section 14-18-14. The well is about three miles from the nearest production, the Jones & Grimes pool, covering a small area to the west. The Modisette well is about six miles southwest of the Lawson-Urbana area, five miles south of the old East field and six miles east of the El Dorado South

field. It is located in the southwest corner of northwest northeast of section 14-18-14, near the Strong highway. Casing is being set and a test is expected within about 10 days. The oil from the drill stem test was 30 gravity.

The first flurry of trading resulted in the sale of a lease on 80 acres in the vicinity of the well for \$50 an acre, or \$4,000. The land belongs to Miss Birdie Burnside and the lease was purchased by an El Dorado oil company. Several other deals have been reported in leases. Royalty trading, as is the case in all prospective new pools, is following on the heels of the showing. It is believed that other wells will be located soon.

O. W. Estes, El Dorado operator, has set casing on his C. W. Telford No. 1 wildcat test in section 34-17-15, a mile east of the El Dorado city limits, and expects to drill the plug and bail Sunday. The well was cored at 2,230 feet and an excellent showing was had. A producer would open up a considerable territory for drilling.

Interest in the west part of the county is centered in an old well drilled last summer in section 18-18-17 on the Gallagher farm, by Arrendale & Edmonson. This well has now been taken over by others and reports are that it will be drilled 4,000 feet unless production is found at a shallower depth.

The Marine Oil Company's deep test in the Lawson-Urbana sector in section 10-18-13 is drilling below 3,100 feet and coring all likely formations. The Marine well is in the vicinity of the big gassers brought in three years ago which were ruined by salt water. The gassers, however, were from the 2,600-foot level. Wilson & Chapman are drilling at around 2,100 feet in section 4-17-15, four miles north of El Dorado. Staples and associates are drilling below 1,800 feet on the John D. Ainsworth No. 1 in section 8-19-16, southeast of Wesson. Bradham Drilling Company has set casing on the J. J. Craig test in section 5-18-15, on a one-acre tract. The well is a few yards from one that produced for nearly eight years before going dry.

## NEW UNION COUNTY POOL USHERED IN

### Well Brought In North of Hillsboro to Be Placed on Pump.

Special to the Gazette.  
El Dorado, Dec. 21.—A new Union county oil pool was ushered in this week when the Modisette Drilling Company brought in its Union Sawmill Company No. 1 well in section 14-18-14, three miles north of Hillsboro and about 11 miles southeast of El Dorado.

The well was completed last Saturday afternoon and estimates are that it will make from 30 to 50 barrels of oil per day when placed on the pump. The oil is of 29 gravity and there is a slight gas pressure. It is understood that the owners plan to start building a standard rig at once and place the well on the pump in a short time.

The Modisette well was brought in from 2,238 feet, slightly lower than the old El Dorado south field. It is located in the southeast corner of northwest of northeast of section 14-18-14, about three miles north and west of the site of the old Hillsboro, pioneer town that has since been practically abandoned and moved to the new highway. The nearest production is three miles to the west, the Grimes pool on the El Dorado-Strong highway.

It is believed that an active drilling campaign will start in the new territory. Several good sized tracts have been leased in the vicinity of the well and the Modisette company has several hundred acres in the block on which the well was drilled.

Crews are still working on the O. W. Estes No. 1 Telford well in the west side of section 25-17-15, a mile east of the El Dorado city limits. This well yielded some oil and considerable gas when bailed a week ago, but so far has failed to make a commercial producer. The gas flow was estimated at about 300,000 feet per day. The test was made from around 2,200 feet.

Bradham and associates will bail in a few days on the J. J. Craig well on a one-acre tract in section 5-18-13, a mile south of El Dorado. Casing was set at a little below 2,100 feet.

Three wildcat deep wells in Union county are attracting considerable attention. The Marine Oil Company is below 3,250 feet on its Thompson well, in section 10-18-13, Urbana sector, and the formation is checking up favorably. C. E. Murdock has taken over the Gallagher test in section 18-18-17, near Schuler and will make a deep test. This well was drilled to 2,100 feet last summer by Arrendale and Edmonson. Local interests will soon start to deepen the W. M. Coats well on the McDuffie farm in section 32-19-16, which was tested at 4,100 feet.

Cold weather has retarded work in the fields and a few wells being drilled in the north field have been practically at a standstill for several days.

2,257,750 cubic feet, rock pressure 1,000 pounds, depth 2,205 feet; Southern Carbon Company Fee No. 54 in 13-19-4E, abandoned at 2,767 feet. Only one location was reported, the Southern Carbon Company Hale No. 1 in 16-16-6E, Richland parish.

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Three wildcat deep wells in Union county are attracting considerable attention. The Marine Oil Company is below 3,250 feet on its Thompson well, in section 10-18-13, Urbana sector, and the formation is checking up favorably. C. E. Murdock has taken over the Gallagher test in section 18-18-17, near Schuler and will make a deep test. This well was drilled to 2,100 feet last summer by Arrendale and Edmonson. Local interests will soon start to deepen the W. M. Coats well on the McDuffie farm in section 32-19-16, which was tested at 4,100 feet.

Cold weather has retarded work in the fields and a few wells being drilled in the north field have been practically at a standstill for several days.

## WORK OF DEEPENING WILDCAT STARTED

### W. M. Coats Well to Be Drilled by Lion Company to 4,500 Feet.

Special to the Gazette.  
El Dorado, Dec. 28.—Plans for deepening the wildcat well of W. M. Coats on the McDuffie farm in section 32-19-16, near Junction City started this week when the Lion Oil Refining Company took over the project and started work on the well. J. H. Johnston of El Dorado is in charge of the drilling. The Coats well was tested last fall at around 4,100 feet after an excellent showing had been encountered, but failed to produce.

Many oil men are of the opinion that an oil sand exists in the deep levels in that territory. A considerable sum of money was spent in trading on leases and royalty on the strength of the first test, and it is thought that acreage will again change hands with the starting of the rig. The Lion plans to drill 4,500 feet or deeper unless production is found at a shallower depth.

Two other deep tests are being watched. The Marine Oil company is below 3,300 feet on its Thompson well in section 10-18-13, a mile east of Urbana, and cores are being taken in all likely looking sands. Several promising formations have been found, but none of sufficient showing to justify setting casing.

C. E. Murdock has taken over the Arrendale & Edmonson well on the Gallagher farm in section 18-18-17 near Schuler in the west part of Union county, and will make a deep test. The well was temporarily abandoned last summer after being drilled to 2,100

feet. Several wells have drilled in the west end of the county and promising formations have been found in that sector.

Although no new locations have been announced in the Hillsboro sector, newest proved area in south Arkansas, it is believed that operators are awaiting the showing of the discovery well, the Modisette Drilling Company's No. 1 Union Sawmill Company, in section 14-18-14. The Modisette well was completed about 10 days ago and standard pumping rig will be placed on it soon. If the well is a fair producer it is thought that a drilling campaign will start. The test indicated it will make from 30 to 50 barrels per day.

Three small wells have been completed in the settled production area in the Smackover territory. The Standard Oil Company has brought in its Arnold No. 1 in section 26-15-16, Ouachita county, at 45 barrels. Edwin Jones has completed the Murphy No. 1 in section 2-16-15, north of Norphlet; and J. E. Crosbie has completed the Robertson No. 8 in section 25-15-16. All are small wells in the shallow sands.

H. L. Hunt is drilling on the Pratt well in section 7-18-15 one mile south of El Dorado; the Oil Well Corporation is working on the Union Sawmill No. 1 in section 10-19-15; the Root Refining Company is drilling on the Simmons well in section 13-16-15.

## Wildcat Will Be Deepened

### Junction City Test to Be Reopened—Pumpers Brought In.

El Dorado, Dec. 28.—(Special.)—A start toward the deepening of a wildcat well that has been in the limelight for several months stands out as the chief development of the past week in the south Arkansas oil fields.

The record heavy snow just prior to Christmas put a damper on field operations for a few days, but work has been resumed.

The wildcat to be deepened is the McDuffie No. 1 of W. M. Coats, trustee, in section 32-19-16, five miles west of Junction City and near the Louisiana line. Following rumors for several weeks that an El Dorado group would drill the well deeper, the Lion Oil Refining Company took over the operation and work has been started. The deepening has been started by a crew working under J. H. Johnston. It is the original force that drilled the well.

The McDuffie well was first drilled to 4,100 feet and tested following a showing of oil but the test failed to develop anything worth while. The Lion Company plans to take the hole to a total depth of 4,500 feet.

El Dorado operators are awaiting developments before proceeding with a drilling campaign in the newly found Hillsboro sector to the southeast of El Dorado. They are believed to be awaiting the outcome of the Modisette Drilling Company's discovery well in

section 14-18-14. A standard will be placed on the well soon and it is believed it will pump between 50 and 100 barrels a day. The well was completed about a week ago and has since been flowing some by heads. No new locations have been made in that area. Progress on two other deep tests is being closely watched. One of these is the Thompson No. 1, of the Marine Oil Company, in section 10-18-13, near Urbana, the deepest test to be sunk in that sector. Several likely looking formations are reported to have been encountered in this well, which is now drilling below 3,300 feet.

C. E. Murdock is going ahead with deepening the Gallagher No. 1 of Arrendale and Edmonson, in section 18-18-17, near Schuler. Down to 2,100 feet at the present time. The well will be drilled to around 4,000 feet.

The Oil Well Corporation has started a new test, the Union Sawmill Company No. 1, in section 10-19-14, south of Hillsboro, and H. L. Hunt is drilling on a second new test on the Pratt lease, in section 7-18-15, only a mile south of El Dorado.

Three small pumpers have recently been completed in the North field, settled production territory. These wells are: Standard Oil Company, Arnold No. 13, in section 25-15-16, 45 barrels; J. E. Crosbie, Robertson No. 8, in section 25-15-16, 30 barrels; and Edwin Jones, Murphy No. 1, in section 2-16-15, 40 barrels.



### Marine Oil Company's Well Near Urbana Increases Flow.

Special to the Gazette. 1-23-30  
 El Dorado, Jan. 27.—Balled in again late yesterday afternoon after being drilled four feet deeper, the Marine Oil Company's Thompson deep sand well in section 10-18-13, near Urbana, today was flowing at the rate of around 400 barrels per day, an increase over its former production. The well flowed all last week at the rate of 300 barrels per day.  
 Company officials said that if the well continues to hold at the present

rate no effort will be made to increase the flow.

The Lion Oil Refining Company plans to start drilling on its Ballard No. 1, in the same section, late this week. The Simms and Sun Oil Companies, which own jointly about 1,000 acres of leases, will make locations soon.

### INTEREST IN SOUTH ARKANSAS DIVIDED

#### Urbana, Hillsboro and Rainbow Pools Make Good Showings.

Special to the Gazette. 1-2-30  
 El Dorado, Feb. 1.—Interest in South Arkansas oil activities turned in three directions this week, with the new Urbana deep oil pool taking the lead. The other two centers of interest are the shallow pool recently uncovered by the Modisett Drilling Company near Hillsboro and the discovery section of Rainbow pool, where a good well was completed this week.

The Marine Oil Company's Thompson well in section 10-18-13, near Urbana, discovery well of the deep pool, showed a big increase in production when a swabber was run. The well has been making approximately 300 barrels of oil per day, flowing by "heads" at intervals of every hour or less. When the hole was swabbed the well produced at the rate of 600 barrels per day. The small amount of salt water that showed up caused considerable apprehension for a time, but the amount diminished and the oil is expected to clear up again.

Six locations have been made in the new deep oil pool and the Lion Oil Company has about completed rigging up for its test, the first to get started. The Lion well is on the Ballard tract in the southeast corner of southwest of northwest of section 10-18-13, a quarter west of the Marine. Three locations have been made by the Marine, all in section 10-18-13, and the Federal Petroleum Company will drill one well on the Union Sawmill Company land. The other locations have been made by the Federal, but only one will be drilled now. All are in section 9-18-13.

The first pipe line into the new field at Urbana is being laid from the Rainbow field in section 10-17-14, by the Shreveport-El Dorado Pipe Line Company. Tanks of 15,000 barrel capacity have been built on the Marine lease.

Trading in leases and royalty in the field are active, and several new wildcat blocks of acreage are reported in the making.  
 The older part of Rainbow field came into the limelight again this week with completion by the Ohio Oil Company of the J. M. Gregory No. 1 well in section 1-17-14, rated at more than 100 barrels per day. The well was completed from 3,014 feet, in the Crain sand, and standard rig will be built for pumping. The well is within the shadow of the discovery well in that territory, drilled more than two years ago, and is the first completion in Rainbow field in several months.

The new shallow pool recently brought in at Hillsboro by the Modisett Drilling Company is receiving considerable attention. The well has been placed on the pump and is rated at around 80 barrels per day. It is located in section 14-18-14, three miles northwest of Hillsboro and about nine miles southeast of El Dorado. The sand was found at 2,238 feet, and many experienced oil men look forward to an extensive pool.

Sam Wilson is rigging up on his Bradley test near the Smackover city limits, where he has two small producers. The Lion Oil Refining Company is approximately 4,450 feet on the McDuffee well in section 32-19-16, near Junction City, the deepest test ever made in this section. The Artex Oil Company is below 3,050 feet on the Smith No. 1 in section 31-15-17, Ouachita county. Wildcatting in Union county is practically at a standstill since the Urbana field came in.

### RENEWED ACTIVITY IN URBANA FIELD

#### Three Locations Made, Pumping Rig Erected and Permit Issued.

Special to the Gazette. 2-9-30  
 El Dorado, Feb. 8.—Getting off to a slow start due to bad weather conditions, the development of the new deep oil pool near Urbana, 14 miles southeast of El Dorado, took a more definite trend this week with work in progress on three new locations, erection of standard pumping rig on the discovery well of the Marine Oil Company, and issuing of permit for a fifth well.

The Marine Oil Company's Thompson B-5 well, in the center of section 10-18-13, brought in three weeks ago from a depth of 3,535 feet, was swabbed for several days after it had flowed by heads nearly a week. The well produced at the rate of about 1,500 barrels per day by the swabbing process, and practically all water was eliminated. The pumping rig will be completed in about a week and it is believed the well will pump 1,000 barrels or more a day.

The Lion Oil Refining Company is going ahead with preparations for drilling the Ballard No. 1, in the southeast corner of southwest of northwest of section 10-18-13, a quarter west of the Thompson, and will likely spud in within the next few days.

The Marine will drill two more wells in section 10, offsetting the discovery producer. They are the M. H. Simmons No. 1, in the southwest corner of southwest of southwest of section 10, and the Winn Estate No. 1 in the northwest of northwest of southeast of section 10. Steel derricks have been ordered and materials will be placed soon. It is believed that the Marine will start an active drilling campaign in the new field, since the company is one of the largest leaseholders in that area. The Marine recently purchased 480 acres from the Winn estate at a figure reported to be above \$90,000.

Permit has been granted Wilson & Chapman, El Dorado operators, to drill on a one-acre school tract in the southeast of northeast of section 9-18-13. The permit was granted at a special session of the conservation board, the rules prohibiting the drilling of more

than one well on each 10 acres in the Urbana field.

Union Sawmill Company and Federal Petroleum Company have staked off three locations in section 9-18-13, but have not yet started work.

Considerable interest has been aroused in the performance of the Telford No. 1 of O. W. Estes in section 5-17-15, a mile east of El Dorado. The well, which was drilled several months ago, started making heads about a week ago, and at times gas forces oil high into the air. The owner is planning to run tools in the well and see if it will make a producer. The Felsenthal well, drilled by Estes, has also shown signs of making a good pumper. It is located a mile southeast of the Telford.

The discovery well in the Hillsboro pool, the Modisett No. 1 on the Union Sawmill land, is pumping about 40 barrels a day from the Nacatosh sand. The owners are planning to drill other wells on their holdings there. The producer is located in section 14-18-14, three miles northwest of Hillsboro and six miles west of the Urbana pool.

In Rainbow field, the Ohio Oil Company is rigging up on its J. M. Gregory No. 1 well in section 1-17-14, which was completed two weeks ago. The well is rated at around 100 barrels. It was brought in from the Crain sand at 3,014 feet. This is the first new well in Rainbow field in the last several months, and no other rigs are running in that area. The production, which topped 40,000 barrels per day during the boom drilling period, is now little more than 5,000 barrels. One lease, however, is holding its own and has paid the owners a fortune. It is a 20-acre tract on the E. F. Gregory farm, leased by Dr. J. S. Rushing and associates. This small tract has produced from four wells 650,000 barrels of oil, worth about \$800,000. It is now making 500 barrels per day. The production from the lease at one time was more than 6,000 barrels per day.

The best producer in the Stephens field in some time was completed this week, when the Magnolia Petroleum Company brought in its Grayson well in the city limits. It was rated at 100 to 150 barrels. Smith & Oids have set casing on their wildcat well in section 21-14-17, Ouachita county.

### TWO RIGS STARTED IN UNION COUNTY

#### Work on Two Derricks Also Begun and Four Locations Made.

Special to the Gazette. 2-14-30  
 El Dorado, Feb. 13.—Two drilling rigs have been started in the newest oil pools of Union county, Urbana and Hillsboro. Work is progressing on derricks and rigging up for drilling two others and four more locations have been made.

The Lion Oil Refining Company is drilling on its Ballard No. 1 well in the southeast corner of southwest of northwest of section 10-18-13, a quarter west of the Marine Oil Company's Thompson discovery well as Urbana. The Marine has built derrick for its Winn well to the south of the Thompson, and Marine-Sun-Simms Companies are preparing to rig up for drilling the M. H. Simmons No. 1, a west offset to the Thompson. The Sun-Simms expects to announce location on a southwest offset to the Thompson soon, which will fill out the four usual locations, in accordance with the plan of one well in each corner of adjoining forties. The Marine is building pumping rig on its Thompson well, which is expected to pump around 1,000 barrels per day.

Modisett Drilling Company has started drilling on its Union Sawmill No. 2 well in the southeast corner of northeast of northeast of section 14-18-14, Hillsboro field, an offset west of the discovery well. The first well drilled in the field is making 40 barrels per day. Modisett has made three other locations.

The Lion Oil Refining Company of El Dorado is half owner of the David Lide well in Zwolle, La., which blew in late Monday and was partly closed in. The potential flow was estimated at 4,000 barrels per day.

### TWO UNION COUNTY POOLS IMPROVED

#### Test Started in Urbana Field and Rig Moved to Hillsboro.

Special to the Gazette. 2-16-30  
 El Dorado, Feb. 15.—Two new oil pools in Union county saw a spurt in development during the past week, when one test was started in the Urbana field and preparations about finished for two others, while rig is being moved in for drilling another well in the Hillsboro field.

With one producer in each of the fields, locations have been made for nine new wells in addition to the one already drilling. The Marine Oil Company will be ready to spud in on its Winn No. 1 in the northwest corner of northwest of southeast of section 10-18-13 in a few days. The Marine, Sun and Simms Oil companies are rigging up on their M. H. Simmons No. 1, in the southeast corner of southeast of northwest of 10. The Union Sawmill company has staked off three locations in section 9-18-13, and is planning to drill one soon. The Sun and Simms are planning to drill on the G. G. Simmons land in the northeast corner of northeast of southwest of 10. In the Hillsboro field, Modisett has two other locations besides the one being rigged up. One is in the southeast corner of northwest of northeast of section 14-18-14, and the other is in northwest corner of southeast of northeast, both on Union Sawmill company land. J. H. Johnston, trustee, of El Dorado, has located in the four corners of a 40 in northeast of northwest of 14. Rig will be built soon in the southeast corner of this 40.

The Marine is preparing to pump the Thompson discovery well and equipment is on the ground for the rig. The well will be pumped with an electrical outfit, an innovation in this territory. The Arkansas Power and Light company has built a power line to the field. The Thompson well, which was completed a month ago from a depth of 3,535 feet, is flowing through eight-inch casing. The Marine is building earthen storage to take care of 50,000 barrels or more, and the Shreveport-El Dorado Pipe Line Company is erecting steel storage of 15,000 barrels on the lease.

Enterprising land owners in Urbana, on the Missouri Pacific railroad, a mile southwest of the field, have staked off lots on each side of the road which leads out of town in the direction of the field. The first new business to spring up was a "bit shop," where oil field machinery is repaired. The town of Urbana has a population of fewer than 100.

One of the largest oil deals made in the South Arkansas fields in recent years became known this week when the Marine Oil Company field recorded leases on 240 acres of land in the Winn estate in sections 10, 11, 13, 14 and 15-18-13, Urbana field, for a consideration of \$157,000, half in cash and half in oil production from the land. The leases cover only six-sevenths of the oil rights.

W. M. Coats and associates are reported to have closed negotiations for drilling the McDuffee well in section 32-19-16 to 5,000 feet. The well was recently shut down at 4,506 feet after good showings slightly above this depth had been tested without favorable results. Many believe that a deep oil pool exists in that area.

Wilson & Chapman are moving rig to their Bradley well in section 2-16-16, near the Smackover city limits. Malloy & Company is drilling on the

Goodwin well in section 36-17-16, two miles southwest of El Dorado. Smith and Oids have set casing on the Reynolds No. 1 in section 21-14-18, Ouachita county. The Magnolia Petroleum Company's Grayson well in the Stephens city limits, brought in 10 days ago, is flowing 100 barrels per day. The Louisiana Oil Refining Company expects to make a good producer at its well a mile north of Stephens. McDonald brothers have made location for a well in section 25-15-18, Ouachita county, near the McDonald field discovery test.

### PROGRESS IS SHOWN IN PROVEN FIELDS

#### Pipe Line Into Hillsboro Area and Starting of New Tests Feature Week.

Special to the Gazette. 2-23-30

El Dorado, Feb. 22.—Marked progress on two new drilling operations in proven fields, the starting of a third well and the building of a pipe line into the Hillsboro shallow oil area featured the weeks development program in the south Arkansas oil district.

With the starting of another test in the Urbana pool last night, two wells are now drilling that field, while a third is expected to get started early next week. In the Hillsboro field one new well has been started and material is being moved in for another. The new pipe line into the Hillsboro field will be completed Monday.

Lion Oil Refining Company is drilling on its Ballard No. 1 test in the southeast of southwest of northwest of section 10-18-13, on an 80-acre tract in the Urbana field. John W. Olvey spudded in last night on the M. H. Simmons No. 1 of the Marine, Simms and Sun Oil companies in the southeast corner of northwest quarter of section 10-18-13. The Marine is expected to start drilling early next week on the Winn Estate No. 1 in northwest corner of southeast quarter of section 10-18-13.

The discovery well of the Urbana field, the Thompson B-5 of the Marine Oil Company, is pumping approximately 900 barrels a day from the 3,535-foot level, the deepest producing sand in Arkansas. It was put on the pump more than a week ago. Considerable water has shown up.

The Marine has completed earthen storage pits to hold 50,000 barrels of oil and production from the Thompson well is going into the pits. As yet no pipe line has been built to the Urbana field, the nearest being about five miles away.

The Ouachita Valley Refining Company is building the first pipe line into the Hillsboro field, 11 miles east of El Dorado. The line is four-inch and will handle approximately 4,000 barrels of the Hillsboro crude oil a day. It is being extended from the Grimes lease, six miles southeast of El Dorado, and the added line will be about five miles long. Booster pump stations will be located at the Grimes lease and other points to facilitate handling of the oil. The extension will place the end of the line four miles from the Urbana field, and may be continued on there, according to John E. Shatford, president of the Ouachita Valley Refining Company, an El Dorado firm.

Modisett Drilling Company is making good progress on the second well to be drilled in the Hillsboro field, the Union Sawmill No. 1 in the southwest corner of northeast of northeast of section 14-18-14, and is expected to make a test of the sand early next week. This test is an east offset to the No. 1, which has been pumping 40 barrels per day for several weeks.

Considerable activity has been started in Ouachita county. The Louisiana

Oil Refining Company is preparing to pump its Haltom well near the city limits of Stephens, and the Magnolia Petroleum Company's Grayson well in Stephens is holding up as a good producer. The J. O. Buck well in section 7-15-18 has had trouble with a stuck core bit.

### Abandoned Test in Urbana Field to Be Deepened.

Special to the Gazette. 2-26-30  
 El Dorado, Feb. 25.—An old well, drilled in the summer of 1929, may determine the trend of the new deep oil pool recently uncovered near Urbana, 14 miles southeast of El Dorado. The well is the Johnston & Gummer No. 1 on the W. R. Cargile land in section 4-18-13, about a mile and a half northwest of the Marine Oil Company's Thompson producer in 10-18-13. It was drilled to 3,240 feet last summer and abandoned. The owners are repairing the derrick and have moved material for rigging up again to deepen. Since the Marine producer is 3,535 feet deep, the old well will have only 300 feet to go to hit the deep sand. It is located in the southwest corner of southeast of northwest of section 4.

Two other wells now are being drilled in the Urbana field, and another will start this week. The Lion Oil Refining Company is below 1,800 feet on its Ballard No. 1 in section 10-18-13, a quarter west of the Thompson, and J. W. Alvey is setting surface casing at 300 feet on the Marine, Sun and Mimms test, a west offset to the Thompson. The Marine is about rigged up on its Winn estate south of the Thompson.

In the Hillsboro field Modisett Drilling Company is in the Nacatosh sand at around 2,000 feet on the second test in the field, and J. H. Johnston, trustee, will soon start up on his first well. The discovery well, drilled in section 14-18-14 by Modisett, is making about 40 barrels per day.

### MUCH ACTIVITY IN TWO NEW FIELDS

#### Drilling in Union County Assumes Larger Proportions During Week.

Special to the Gazette. 3-2-30

El Dorado, March 1.—Drilling operations in two new fields of Union county took on larger proportions during the past week, and four rigs are running, with others expected to get under way in a short time.

Two new tests are going forward in the Urbana deep pool, and rigging up process is about completed for another, while a fourth is drilling below 2,500 feet. The Marine Oil Company has set surface casing at around 300 feet in its Winn Estate No. 1 in the northwest corner of southeast quarter of section 10-18-13, and J. W. Olvey is drilling below surface casing at around 1,000 feet on the Marine, Simms and Sun lease on the M. H. Simmons land in the southeast corner of northwest quarter of section 10-18-13. Both are offsets of the Marine's Thompson discovery well, which is pumping about 900 barrels a day, with some water.

The sand in this new field was found at a depth of 3,535 feet.

A quarter west of the Thompson lease the Lion Oil Refining Company is drilling below 2,550 feet on the Ballard No. 1, which is expected to be the first to tap the sand.

A mile and a half northwest of the producing well, Johnston & Gummer are rigging up on their W. R. Cargile test in section 4-18-13, an old test abandoned at 3,200 feet last summer. The crew will spud in soon, and is expected to finish the 300 feet in a short time. Considerable interest is attached to the well, since it will probably determine whether or not the field extends toward the northwest. This test is about half way between Urbana and Lawson, and is southeast of the territory where the first oil showing was had three years ago.

The Simms and Sun Oil companies, joint owners of about 1,600 acres of leases in the Urbana field, have made location for their first well, the G. G. Simmons No. 1 in the northeast corner of southwest quarter of section 10-18-13. The Simms and Sun are planning an extensive drilling campaign, but it is understood further operations will await the determination of the trend of the field.

H. L. Hunt is reported to be planning a deepening of the Norris wildcat well in section 17-18-12, about four miles southeast of the Urbana field. This well was abandoned at 3,400 feet last fall. Many oil men believe a pool exists in that territory.

In the Hillsboro field, new shallow pool 10 miles southeast of El Dorado, Modisett Drilling Company has set casing preparatory to testing the Union Sawmill No. 2 in southwest corner of northeast or northeast of section 14-

18-14. The well is 2,235 feet deep, and cores indicated it will make a good pumper. It is an offset of the No. 1, discovery well in that field, which is pumping 40 barrels a day. A third test will be started next week by J. H. Johnston, trustee, a quarter west on the Tate land. The first pipe line to this field was completed by the Ouachita Valley Refining Company and the oil will be pumped to the company's El Dorado refinery.

Another outside test is planned in the Rainbow field, it was announced by O. W. Estes, El Dorado operator. The well will be drilled in the southwest of southwest of section 13-17-14, a mile and a half from production, and will be started in two weeks. The Magnolia Petroleum Company is deepening its W. K. Gregory well in section 15-17-15.

In the Smackover field, Wilson & Chapman have set casing on their Bradley test near the Smackover city limits in section 2-16-16. This firm is also planning a well at Urbana.

Considerable activity is under way in the oldest oil sector in the Arkansas fields, about two miles southwest of El Dorado in the vicinity of the Busey well. Ball & Weisinger recently completed a 20-barrel pumper on the Lacey farm in section 6-18-15, and are drilling another on the Rogers farm in section 31-17-15, near the scene of one of the most spectacular gas well fires in the early days. Molloy & Co. is drilling on the Goodwin well in section 36-18-16, and E. G. Bradham has completed the J. J. Craig well in section 5-18-15. Several old wells, drilled nine years ago when the field was new, have recently been worked over and are good producers. The Arkansas Oil and Gas Company has two wells on 10-acre lease in section 6-18-15 which are mak-

ing a total of 140 barrels a day after having been idle for a year. The Texas Company has recently put several old wells to pumping again.

## TWO URBANA WELLS OCCUPY LIMELIGHT

Results Will Indicate Trend of New Deep Pool; Lion Strikes Pay Sand.

Special to the Gazette. 3-16-30  
El Dorado, March 15.—Two wells in the Urbana deep oil pool, 4 miles southeast of El Dorado, occupied the limelight in the South Arkansas oil district today, as crews on each prepared for the tests that will indicate the trend of the new deep pool.

The Lion Oil Refining Company has struck the pay sand in its Ballard No. 1 well in the southeast corner of southwest of northwest of section 10-18-13 at around 3,570 feet, and Johnston & Gummer, drilling on the W. R. Cargile No. 1 in section 4-18-13, a mile north of the Lion, is believed to have found the same formation at approximately 3,580 feet.

The Lion and Johnston & Gummer tests are the first of five wells under way in the field to strike the oil sand, and experienced oil men feel confident the wells will make producers. If Johnston & Gummer bring in a producing well the Urbana deep oil pool will have been extended a mile and a quarter to the northwest from the Thompson discovery well in the center of section

10-18-13. The Lion well is a quarter west of the Thompson.

Two other wells in the deep oil pool are drilling at interesting depths. J. W. Olvey is below 3,200 feet on the M. H. Simmons land in the southeast corner of northwest of section 10-18-13, and the Marine Oil company is around 2,850 feet on the Winn estate No. 1 in the northwest corner of southeast of section 10-18-13. A fourth test is being rigged up on the G. G. Simmons land by the Sun and Simms Oil companies near the center of section 10-18-13.

Modisett Drilling Company is preparing to drill a third well in the Urbana field, in the northwest corner of southeast of northeast of section 14-18-14. Two have been completed and placed on the pump, each making about 40 barrels a day. A fourth well is being drilled in the new shallow field by J. H. Johnston, trustee, on the Tate land in section 14-18-14.

S. J. Felsenthal has built standard rig on the Felsenthal No. 1 well in section 2-18-15, drilled last year by O. W. Estes. The well was tested at the 2,200 foot sand, but failed to produce at the time. After being worked over it was tested again, and has made a small pumper. It is about two miles from any other production.

O. W. Estes is rigging up to drill on the Bates land in the southwest corner of southwest of southwest of section 13-17-14, east side of the old Rainbow sector. Another test in the Rainbow field is the W. K. Gregory No. 1 of Magnolia Petroleum Company in section 15-17-14. This well is now about 3,000 feet deep.

E. G. Bradham recently completed the Craig No. 1 well in the old El Dorado south field, a mile south of the city limits, in section 6-18-15, from the Nacatosh sand. The well is pumping about 35 barrels a day. Ball & Weisinger are drilling on the Rogers land in section 61-18-15 and Molloy & Company is drilling on the Goodwin land in section 36-17-16. The last three wells mentioned are in the early development sector of the old south field, about a mile and a half southeast of the El Dorado business section.

## URBANA DEEP TESTS ARE DISAPPOINTING

However, 5,000-Foot Tests Will Be Made on Two Wells.

Special to the Gazette. 3-23-30  
El Dorado, March 22.—Although considerable disappointment was registered this week over the failure of two wells in the Urbana sector to produce from the deep formation, hopes were bolstered for a still deeper producing sand when it was reported that one of the Urbana wells and one in the old Rainbow field will be drilled to 5,000 feet.

The Lion Oil Refining Company Ballard No. 1 well in section 18-18-13, Urbana field, failed to produce at the same level as the Marine Oil Company's Thompson discovery well of the Urbana field, salt water having shown up where oil was expected. The well is a quarter west of the Thompson. It is reported that the Lion plans to take the test to 5,000 feet unless production is found. The crew now is drilling and coring at around 3,625 feet.

The other deep test in the Urbana field which has not struck the oil sand is the Johnson & Gummer test on the W. R. Cargile land in section 4-17-13, a mile and a half northwest of the Thompson. The crew on this well is coring and drilling at below 3,625 after passing through 64 feet of redbeds. Some oil was found.

The most promising test in the county now is the well being drilled by J. W. Olvey for the Sun, Simms and Marine Oil companies, on the M. H. Simmons land in section 10-18-13, an offset 600 feet west of the Thompson producer. Tests at 3,528 feet indicated that the well will make a producer. Another offset is being drilled south of the Thompson by the Marine, and is now about 3,200 feet deep. The Sun and Simms Oil companies are rigging up on their G. G. Simmons No. 1, 600 feet south of Olvey.

The other proposed 5,000-foot test is the Magnolia Petroleum Company's well on the W. K. Gregory land in section 15-17-14, Rainbow field. This is an old well, deepened from the 2,700-foot gas sand, and is now about 3,200 feet. It is located in the southern extension of the Rainbow field. A second well is under way in the Rainbow field, which has been inactive for the past year with the exception of settled production. O. W. Estes has spudded in his Bates No. 1 in the southeast quarter of section 13-17-14

an edge test on the east side of the field. A 3,500-foot test is planned.

A test of considerable interest is an old well being rigged up for deepening by Dr. J. S. Rushing and H. L. Hunt. The well is the Norris No. 1 in section 17-18-12, five miles southeast of the Urbana field. The well was drilled by Hunt last year and was abandoned at around 3,400 feet. The poor showing in wells drilled to the west of Urbana leads to believe that the pool extends to the east, and this east well will be watched closely.

J. H. Johnston, trustee, has completed his Tate No. 1 in the Hillsboro shallow pool, southeast corner of northeast of northwest of section 14-18-14, as a small pumper at around 2,225 feet in the Nacatosh sand. This is the third producer in the Hillsboro field. Modisett Drilling Company having recently brought in two and started on another. The Ouachita Valley Refining Company has built a pipe line to the field from its plant in El Dorado, a distance of about 10 miles.

## Urbana Field Well Makes Good Showing in Drill Stem Test.

Special to the Gazette. 3-23-30  
El Dorado, March 22.—Promises of another producing well in the Urbana deep oil sector were brightened today when a drill stem test on the well being drilled by J. W. Olvey in section 10-18-13 indicated a good oil sand has been struck at 3,528 feet.

The oil rose 11 joints, or about 275 feet in 10 minutes while the testing tools were left in the hole. An encouraging sign was that there were no indications of salt water. Plans are going forward for setting a string of permanent casing to bring the well in.

Oil men were optimistic over the showing and it is generally believed that the well will be as good or better than the Marine Oil Company's discovery well, which is only 600 feet east of the new one. The Marine well is pumping about 700 barrels a day, about 40 per cent water. The Olvey well is owned by the Marine, Sun and Simms Oil companies and is located on the M. H. Simmons land.

## WELL COMPLETED IN URBANA FIELD

Estimated Production of New Producer Is Estimated at 700 to 1,000 Barrels.

Special to the Gazette. 3-30-30  
El Dorado, March 29.—Completion of one well in the Urbana field with an estimated production of 700 to 1,000 barrels per day, the setting of casing on another and balling in the third producer in the Hillsboro field featured the week's development in the El Dorado oil district.

The new Urbana well is the Sun-Simms-Marine Oil Company's test on the Simmons land in section 10-18-13, drilled by J. W. Olvey. It was balled in from 3,528 feet and flowed by heads until closed in while storage can be built. When opened for a short time the well indicated it might make a steady flow. Estimates are that it will make upward of 1,000 barrels per day. Standard rig is being built to pump in case it does not flow. The Olvey well is located in the southeast corner of northwest quarter of section 10-18-13, a west offset 600 feet from the Thompson discovery well.

The Marine Oil Company has set casing on the Winn estate No. 1 well in the northwest corner of southeast quarter of section 10, located 600 feet south of the Thompson producer, and will be ready to ball in by the middle of next week. Cores taken from the well indicate it will be the best in the new field thus far. Some estimate it will make 1,500 barrels per day or more. The casing was set at 3,535 feet.

In the Hillsboro shallow field J. H. Johnston, trustee, is preparing to pump the Tate No. 1 in the southeast corner of northeast of northeast of section 14-18-14. The well is standing about 500 feet in oil and probably will pump 40 to 50 barrels per day. It was completed from 2,230 feet. Modisett Drilling Company set casing on the Union Sawmill Company No. 3 in the northwest corner of southeast of northeast of section 14-18-14 after obtaining a good showing in a drill stem test at 2,240 feet, and final testing will be completed by the first of the week. The Modisett well is the fourth drilled in the Hillsboro field since the first one was brought in during the first week of 1930, and the field now has been proven for more than a quarter of a mile. Many believe it will develop into a good sized pool.

Three wells are under way in the Rainbow sector. O. W. Estes is below 2,100 feet on his Bates No. 1 in the southwest of southwest of section 13-17-14, east of the producing area. The Magnolia Petroleum Company is below 3,300 feet on the W. K. Gregory test in section 15-17-14, and the test will probably be taken to 4,000. The Root Refining Company is rigging up on the G. N. Jerry land in section 21-17-14 in the vicinity of a test drilled by the same company in 1928. The location is south of the Rainbow producing area, and will be a deep test, it is reported.

Considerable interest is attached to the deepening of an old well in the east central part of Union county, the Norris No. 1 in section 17-18-12, drilled by H. L. Hunt in 1929. Hunt and J. S. Rushing are now rigging up for deepening this test. It was abandoned at 3,400 feet, and will be taken to 4,000. It is understood. Proximity to the Urbana field adds interest to the test.

## URBANA FIELD GETS FIRST BIG GUSHER

Flow Estimated at 20,000 Barrels a Day; Lease Trading Active.

Special to the Gazette. 4-4-30  
El Dorado, April 3.—The Urbana deep oil pool, 14 miles southeast of El Dorado, scored its first big gusher late today when the Winn No. 1 well of the Marine Oil Company, located in section 10-18-13, came in with a flow estimated at 20,000 barrels or more a day.

The well was drilled in this morning and balled for several hours before it began to flow. Tonight the geyser of oil had been turned into storage tanks on the lease near the well and the gusher was flowing through a three-eighths inch choker at the rate of 245 barrels an hour, or 6,000 barrels a day.

The well was brought in under perfect control and little of the oil was lost, the "Christmas tree" having been erected on the derrick before balling started. Gas pressure was heavy, but officials said there was little danger of the well getting out of control.

The big producer flowed 75 barrels during the first eight minutes that the casing was left open. A five-eighth inch choker was arranged and the flow was at the rate of 520 barrels an hour, or more than 12,000 barrels per day. Later the smaller choker was attached.

There was no show of water and the oil of approximately 20 gravity. The well was brought in from 3,534 feet, the same as the first well in the Urbana field, the Thompson No. 1, which has been pumping about 900 barrels a day for two months. The Winn well is located in the northwest corner of northwest of southeast of section 10-18-13.

Storage for approximately 17,000 barrels was built on the lease before the well was balled, and until additional tanks can be erected the gusher will be kept choked down. When containers have been built to take care of the oil, the well will be released.

Scores of oil operators, scouts and brokers gathered to see the test and tonight the hotel lobbies were crowded with traders. Most of the acreage around the well has been leased, but "edge" leases were being traded.

The well is located on a tract of approximately 1,100 acres owned by the

Powhatan Winn estate, the heirs living in Mount Vernon, Ill. J. R. Winn of Mount Vernon is trustee.

More than 1,000 acres near the Winn property are owned by the three Simmons brothers of El Dorado and Urbana. The Marine Oil Company is composed of local oil men.

## WATER APPEARS IN URBANA GUSHER

Flow of 20,000 Barrels Daily Continues at Marine Well.

Special to the Gazette.  
El Dorado, April 4.—Although considerable salt water appeared in the big oil gusher in the Urbana field early today, the well continued to flow under strong gas pressure, and first estimates of its potential production at 20,000 barrels per day were unchanged.

Early this morning the water content showed about 70 per cent, but the amount had decreased late today to about 30 per cent. The well is flowing through a choker at the rate of 240 barrels per hour, or about 6,000 barrels per day, of which about 4,000 barrels is oil.

The Marine Oil Company, owners of the well, today started digging large earthen storage pits and the Shreveport-El Dorado Pipe Line Company plans to build a six-inch pipe line from the Rainbow field to the lease. Production is being held down until storage can be built.

The Marine well is located in the northwest corner of northwest of southeast of section 10-18-13, a mile northeast of Urbana.

## NEW WELL RECALLS SMACKOVER BOOM

Urbana Gusher Stimulates Drilling; Several Small Wells Brought In.

Special to the Gazette. 4-6-30  
El Dorado, April 5.—Memories of the big boom days of the Smackover field were recalled here this week with the bringing in of a big gusher in the new Urbana deep oil pool, 14 miles southeast of El Dorado.

The new well is the Winn estate No. 1 of the Marine Oil Company, in section 10-18-13, offset to the discovery well in the Urbana field, and is believed good for 20,000 barrels or more a day if opened and allowed to flow through the casing. The well is now making more than 3,000 barrels a day through a one-and-a-half inch choker, and the gas pressure is heavy.

Salt water threatened to ruin the well a few hours after it was brought in, but after the first 12 hours the water content decreased and is now about 25 per cent. Since the well flowed for some time before the water showed up some believe that the salt water may have broken through from above, due to faulty casing seal, or that the well drilled itself deeper into the sand by heavy gas pressure. A large amount of sand was brought out with the oil.

The well was brought in Thursday afternoon from a depth of 3,534 feet, approximately the same as that of the Thompson No. 1 of the Marine, discovery well 400 feet to the north. Earthen storage will be built to take care of the oil flow before the well is opened for full flow. The company has approximately 17,000 barrels of storage on the lease now.

It is expected that the Marine will make another test soon, probably a half mile east of the latest producer. Other lease holders are planning wells in the east part of the field.

The Sun-Simms-Marine Oil Company well on the M. H. Simmons land in section 10-18-13, drilled by J. W. Olvey has been completed and is estimated good for 1,000 barrels a day. The Sun and Simms companies are drilling on a fourth well near the center of section 10, the G. G. Simmons No. 1, at around 2,500 feet. The Lion Oil Refining Company is drilling at below 3,700 feet on its Ballard well a quarter west of the Marine. Considerable interest is being manifested in the old well on the Norris land in section 17-18-12, five miles southeast of the Urbana field, being deepened by Dr. J. S. Rushing and H. L. Hunt. The well is about 3,500 feet deep.

In the Hillsboro shallow field, 11 miles east of El Dorado, Modisett Drilling Company has set tubing in the No. 3 Union Sawmill well and is preparing to pump. The well has been flowing a small amount by heads, and is believed good for about 50 barrels a day. J. H. Johnston, trustee, has rigged up on the Tate No. 1 for pumping. This well is rated at 20 to 30 barrels. Both are in section 14-18-14.

Three wells are under way in the Rainbow field. O. W. Estes is drilling in a "salt and pepper" formation at 2,800 feet in the Bates estate No. 1 in the southwest of southwest of section 13-17-14, east of production. The Magnolia Petroleum Company is making a deep test on the W. K. Gregory farm in section 15-17-14, and is now drilling at around 3,800 feet. The Root Refining Company is rigging up to drill on the G. N. Jerry land in section 21-17-14, scene of considerable activities during 1928 when Rainbow field was young.

Woodley Petroleum Company has

made location for a well on the Alderson place in northwest of southwest of section 31-17-15, near the Busey discovery area, southwest of El Dorado. Ball & Weisinger are working on the Rogers test in the same location. Molloy & Company are drilling on the Goodwin test in section 36-17-16. Wilson & Chapman have completed their test near the Smackover city limits, good for about 15 barrels. Stanley Hickman and associate will drill in the northeast corner of southeast of southwest of section 35-16-17, near Lisbon.

## TO TEST MARINE WELL AGAIN SOON

Winn No. 1 Has Second String of Casing Set for Bailing Next Week.

Special to the Gazette. 4-13-30  
El Dorado, April 12.—The Marine Oil Company's Winn No. 1 well in section 10-18-13, Urbana field, which was closed in after it had shown a large amount of salt water, will get another test. Following the taking of 13 feet of cores in rich oil sand, the crew has set a second string of casing inside the first, and the well will be bailed the second time about the last of next week.

The Winn well came in 10 days ago with an estimated production of 20,000 barrels a day, but salt water showed up the next day, and increased until it virtually ruined the well. Tools were run in the hole and cores taken, the well being deepened 13 feet to 3,547 feet. There was no show of water, and officials believe the water has been overcome.

The Standard Pipe Line Company, subsidiary of the Standard Oil of Louisiana, is building a six-inch pipe line from its main 10-inch line to the Marine lease, a distance of three and a half miles, and will begin pumping oil from the Thompson lease soon. The main line runs from the Smackover field to a point on the Mississippi near Lake Village.

One well is being rigged up for pumping and another is drilling near the Winn well. The Sun-Simms-Marine companies are preparing to pump the M. H. Simmons No. 1, which was completed two weeks ago. It is expected to pump 500 barrels or more a day. The Sun and Simms companies are drilling at around 2,850 feet on the G. G. Simmons No. 1 in section 10-18-13.

Three new wells are planned in the Urbana field. J. W. Olvey is moving rig to a location in the northeast corner of northeast of northwest of section 15-18-13, a quarter south of production. The Southern Crude Oil Purchasing Company is rigging up to drill

the Oliver No. 1 in the southeast corner of northwest of northeast of section 11-18-13.

Southwest of El Dorado in the old settled production Woodley Petroleum Company has derrick up on the Alderson land for a test in section 31-17-15, and the Arkansas Oil and Gas Company has started pumping on its Alderson well, an old one which had been idle for some time. Stanley B. Hickman and associates are getting ready to drill a wildcat test in section 35-16-17, northwest of the Lisbon pool. El Dorado interests have taken over the Hunter well in section 33-17-16, north of Rainbow field, and after skidding over a short distance will drill a new test.

The increase in price of crude oil in this territory has served to stimulate drilling activity and many rigs are expected to be in operation in a short time.



# URBANA DEEP WELL FLOWING BY HEADS

## Marine Oil Company's Winn No. 1 Estimated at 700 Barrels.

Special to the Gazette. 4-20-30  
El Dorado, April 19.—The Winn No. 1 well of the Marine Oil Company in section 10-18-13 the Urbana deep oil pool, 14 miles southeast of El Dorado, tonight was flowing by heads at intervals of 15 to 30 minutes, and making an estimated production of 700 barrels per day.

The well was bailed in the second time today, after casing had been set 13 feet below the first test. A large crowd of oil men gathered for the bailing process, and many remained at the location until late tonight to watch the performance of the well. Early tonight the well had not flowed enough to clean itself of mud and sand, and the general opinion is it will flow. This well was bailed in as a big gusher several weeks ago, but was ruined by salt water. The water menace is believed to have been eliminated.

Testing the Winn well, the starting of two new tests in this area and new operations in wildcat sections featured the week's developments in the South Arkansas field.

Two new tests which are expected to determine the trend of the Urbana deep sand are under way. J. W. Olvey is working on the Simmons No. 1 well in the northeast corner of northeast of northwest of section 15-18-13, a half mile south of the Marine Oil Company's discovery well. In the southeast corner of northwest of northeast of section 11-18-13, a mile east and a quarter north of the Marine, F. A. Book is working on a test for the Southern Crude Oil Purchasing Company. A third one is being planned by the Marine Oil Company a quarter east of production.

The Marine, Sun and Simms Oil companies have started pumping their jointly owned well on the M. H. Simmons land in section 10-18-13, and the test is rated as a good pumper. The Sun and Simms are drilling at around 3,300 feet on the G. G. Simmons No. 1, about 600 feet west of the Winn.

In the Hillsboro field the Modisett Drilling Company is pumping the No. 3 Union Sawmill well, completed recently, and the production is approximately 60 barrels per day, without a show of water. This is the best of four wells completed in the shallow field. Two others drilled by Modisett have a combined production of about 65 barrels per day, and J. H. Johnston, trustee, is pumping the Tate No. 1, a quarter west of these. Other wells are being planned in that vicinity.

Considerable interest is attached to the well being started by H. L. Hunt in section 28-18-12, a mile north of Strong. Oil and gas showings have been encountered in other tests made in this vicinity, and it is believed that a potential pool exists in the east

months by observers in the oil industry. It is pointed out that the demand which already has come into being this year pretends the largest sales in the history of the industry and that curtailment of crude oil production and refinery runs have brought the visible supply to a point almost level with present demand and much lower than what the demand is expected to be with the opening of the automobile tourist season.

An old test that caused much comment during the development of Rainbow pool two years ago is being drilled again. Derrick has been skidded over on the Hunter location in section 33-16-14, between El Dorado and Callon, and the new hole will be taken to 3,500 feet.

Stanley B. Hickman and associates are working on a wildcat test in section 35-16-17, north of Lisbon. O. W. Estes drilled the Bates test below 3,300 feet in section 13-17-14. Woodley Petroleum Company is drilling on the Alderson test in section 31-17-15. Arkansas Oil and Gas Company has recently started pumping the No. 3 Alderson, an old well which was closed down for some time. Ball & Weisinger found it necessary to set new casing in the Rogers No. 1 in 31-17-15, due to a leak.

# NINE COMPLETIONS IN MONROE AREA

## 11 New Locations Also Reported During Unusually Busy Week.

Special to the Gazette. 4-20-30  
Monroe, April 19.—Nine completions, the largest number in many weeks, are reported by Capt. R. P. Webb, inspector of the local conservation office, Minerals Division, for the week in Northeast Louisiana.

completions are: Bahan-Bahan, Feazel No. 3 section 3-20-4, gauged as making daily open flow of 3,816,367 cubic feet, total depth 2,190 feet; Magnolia Petroleum, U. S. No. 8, section 33-21-5, completed as making 20,041,262 cubic feet daily open flow, rock pressure 1,025 pounds, depth 2,376 feet; Southern Carbon Company, Ten De 1 No. 14, completed as making 10,512,000 cubic feet daily open flow, rock pressure 980 pounds, total depth 2,155 pounds, location, section 34-21-4.

Ouachita parish—United Carbon Company, Puckett No. 2, section 15-19-5, abandoned as dry at 2,400 feet.

Richland parish—Greenwood Producing Company, Guinna 1, section 32-21-3, completed as making 4,847,000 cubic feet daily open flow, rock pressure 990 pounds, depth 2,178 feet; Lyons Gas Company, Jones No. 2, section 11-26-3, completed as making 3,480,047 cubic feet daily open flow, rock pressure 1,010, total depth 2,168 feet.

Eleven new locations are reported: Catahoula parish—National Oil and Gas Company, Kirkland No. 1, section 35-9-6.

Jackson parish—Arkansas-Louisiana Pipe Line Company, Rae & Green No. 4, section 82-18-4; Carbons Consolidated, Inc., K. Cole No. 3, section 26-20-4; Louisiana Gas and Fuel Company, Beard 3-S, section 44-18-4.

Richland parish—Industrial Gas Company, Alexander No. 1, section 4-16-6; Palmer Corporation, D. R. Sartor Jr. E-1, section 16-16-6; Richland Producing Company, T. S. McCoy No. 1, section 3-16-6; Richland Producing Company, Thomason No. 1, section 22-16-6.

Union parish—Greenwood Producing Company, Guinn B-1, section 32-21-3; Greenwood Producing Company, Guinn C-1, section 32-21-3.

# MUCH ACTIVITY IN EL DORADO AREA

## Trend of Urbana Deep Sand to Be Determined by Three Tests.

Special to the Gazette. 4-27-30  
El Dorado, April 26.—The definite trend of the Urbana deep producing oil sand is expected to be determined within the next few weeks, with two wells already drilling and another to be started soon, the trio to the south and east of the present production.

J. W. Olvey is drilling at around 2,500 feet on the G. G. Simmons land in section 15-18-13, a half mile south of the Marine discovery well, and F. A. Book is drilling for the Southern Crude Oil Purchasing Company in section 11-18-13, on the Oliver land, a mile east of the Marine. Olvey is expected to core a gas sand at slightly below 2,500 feet, but unless a strong pressure is found he will continue to the 3,500 foot level. A sand was tested in the Olvey well at 2,235 feet that indicated a fair production, but it was passed up for the deeper levels. The third well is planned in the Marine Oil Company's test on the Thompson or Winn land in section 10-18-13, a quarter east of the discovery well.

Disappointment was registered for a second time in the Winn well of the Marine company in the center of section 10-18-13, when the well again turned to salt water after coming in at around 3,000 barrels a day. The company closed it in as a safety measure for the field.

The Marine's discovery well, the Thompson No. 1, in section 10-18-13, which was brought in about two months ago, is increasing its output and is now making about 1,000 barrels of oil a day, while the water content is decreasing. The Simms-Sun-Marine well in the same section, is holding up as a fair pumper. The Sun and Simms companies are drilling at around 3,350 feet on the Simmons land in section 10. Oil from the Urbana field is being taken by the Standard Oil Company through its six-inch line, completed a week ago. The line is four miles long and taps the Standard main line near Strong.

There are now four producing wells in the Hillsboro field, 11 miles southeast of El Dorado, with a combined production of about 145 barrels daily. Modisett Drilling Company has completed three, good for about 130 barrels, and J. H. Johnston is pumping one good for around 15 barrels.

Several wildcat wells are under way or are being planned. Gas line has been laid by M. O. Jones for a well on the location of the Hunter test in the northwest corner of section 33-16-14, between Callon and El Dorado. Stanley B. Hickman is drilling on a well on the Hogg farm in section 35-17-15, east of El Dorado city limits. H. L. Hunt is working on the Trammel test in section 28-18-12, a mile north of Strong. Wilson and associates are planning a test in the southwest quarter of section 23-15-13, Ouachita county.

Tidal Osage Oil Company has made location for a 5,000-foot test in Calhoun county, north of Callon in section 3-16-14. The Root Refineries will drill on the Jerry land in section 21-17-14, Rainbow field.

# LITTLE ACTIVITY IN EL DORADO AREA

## One Important Test and Two Small Producers Occupy Week.

Special to the Gazette.  
El Dorado, May 3.—An important test in the Urbana deep oil pool, preparations for more extensive wildcat operations in Union and adjoining counties and the completion of two small wells in proven territory featured developments in the El Dorado oil district during the past week.

Cores taken from the Simms-Sun Oil Companies' jointly owned well on the Simmons land in section 10-18-13, Urbana pool, indicated a good producer from around 3,520 feet. This is the third well to offset the discovery producer, the Marine Thompson well, and much speculation is being made on prospects for producer this time. An offset to this location was closed in after it had shown too much salt water and another has never produced much oil. The Thompson well, however, is making approximately 1,200 barrels of oil a day.

Three other wells are under way in the Urbana east section, and one is drilling west of the Thompson. J. W. Olvey is around 3,100 feet on the G. G. Simmons land in section 15-18-13, a half mile south of production. F. A. Book is below surface casing on the Oliver lease of the Southern Crude Oil Purchasing Company in section 11-18-13, a mile east of the Thompson. The Marine is rigging up on the Winn No. 2 in section 10-18-13, a quarter east. On the west side in the southwest of northwest of section 10-18-13 the Lion Oil Refining Company is drilling at around 4,200 feet on its Ballard No. 1.

A well was completed in the Smackover field and one in the El Dorado South field. McDonald and Associates are pumping 50 barrels daily from the No. 1 Arnold in section 13-15-16, Ouachita county, and Ball & Weisinger have brought in the Rogers No. 1 as a fair pumper, located in section 31-17-15, a mile southwest of the El Dorado city limits. McDonald is drilling on the second well on the Arnold lease.

Two transactions during the week involved settled production in Union county fields. The Phillips Petroleum Company bought a 51 per cent working interest in the Modisett Drilling Company's 320-acre lease in the Hillsboro field, including three wells with a daily output of about 125 barrels. The consideration was said to be \$30,000. Louisiana Iron and Supply Company bought the 120-acre lease of Smitherman & McDonald on the Saxon land in section 4-16-16, with five producing wells, good for about 35 barrels a day. The consideration was reported to be \$7,000.

Operations include: Stanley B. Hickman, below surface casing on Hogg No. 1 in section 35-16-17; H. L. Hunt, rigged up on Trammel No. 1 in section 28-18-12; O. W. Estes, preparing to deepen the Telford No. 1 in section 35-17-15; J. D. Reynolds, set casing on Berg test in section 27-15-15, Ouachita county; South El Dorado Oil Company, starting up on Traylor No. 1 in section 9-19-15; Tidal Osage Oil Company, location in section 3-16-14, Calhoun

county; Sunby and others will drill on the M. A. Perdue land in section 33-16-14; P. E. Carter has made location in section 23-18-14; Arkansas Oil and Gas Company has reworked Alderson No. 3 in section 31-17-15.

# LITTLE ACTIVITY IN SOUTH ARKANSAS

## Operations in El Dorado Fields Confined to Edge Tests.

Special to the Gazette.  
El Dorado, May 10.—Activity in the proven oil fields of south Arkansas, and continues to move at a slow pace, and most of the development is confined to edge tests in new fields and to wildcat operations in widely separated areas.

Four wells are drilling in the Urbana field, all at some distance from production, and it appears certain that within the next two or three weeks the trend of this field will be definitely known.

Four wells are drilling in the Urbana field, all at some distance from production, and it appears certain that within the next two or three weeks the trend of this field will be definitely known.

J. W. Olvey, drilling on the Simmons No. 1 well in the northeast corner of northeast of northwest of section 15-18-13, a half mile south of production in the Urbana field, is believed to have found a producing sand at approximately 3,520 feet. Cores at this depth indicated an oil formation and a test will determine the outcome. F. A. Book is drilling at below 2,200 feet on the Oliver test of the Southern Crude Oil Purchasing Company in section 11-18-13, a mile east of the first wells at Urbana.

The Marine Oil Company is drilling at below 1,200 feet on the Winn No. 2 in section 10-18-13, a quarter east of production. The Lion Oil Refining Company is below 4,200 feet on its deep test a quarter west of production in the Urbana field, after failing to find oil at the 3,500-foot level.

Several wildcat wells are under way in Union county and permits have been granted for additional ones by the Department of Conservation and Inspection. Stanley B. Hickman is below surface casing on Hogg No. 1 in section 35-16-17 a mile northwest of Lisbon. H. L. Hunt is drilling on the Trammel No. 1 wildcat in section 28-18-12, a mile north of Strong. Joe Hurley and associates are planning another test in the Moro Bay neighborhood. Eastern capital is backing operations on a well in the northwest corner of section 33-16-14, between El Dorado and Callon, near the site of a 3,200-foot test two years ago where an oil sand was found. Permits have been issued to the Arkansas Fuel Oil Company for the W. A. Burns No. 1 in section 14-18-17, in the Shuler community southwest of El Dorado.

Considerable interest is being shown in a 5,000-foot test to be drilled by the Tidal Oil Company in Calhoun county near the Ouachita river. Permit has been granted and material is being moved to the location in section 3-16-14, about a mile and a half north of Callon. A good deal of acreage has turned hands since announcement of the location. Most of the land around the site is owned by lumber companies at Callon and Thornton.

The only new well announced in the Hillsboro shallow pool is one to be drilled by P. E. Carter on the Burnside estate in section 23-18-14, a mile south of production. The field now is making about 125 barrels from four wells.

# FOURTH PRODUCER IN URBANA FIELD

## G. G. Simmons Well Estimated at 300 Barrels Daily.

Special to the Gazette. 5/15/30  
El Dorado, May 14.—The fourth well in the Urbana deep oil pool near Urbana 14 miles southeast of El Dorado was completed today when the Simms and Sun Oil Companies brought in their G. G. Simmons No. 1 well in section 10-18-13 estimated good for around 300 barrels per day.

The well is being swabbed through three inch tubing and may flow after it had been swabbed for some time. There is a fair gas pressure, and no salt water. Many oil men were optimistic over the lack of salt water which had threatened to ruin the field. The well is located in the northeast corner of southwest quarter of section 10-18-13, and was brought in from 3,534 feet. It is an offset to the first producer in the field.

Two other wells are being drilled to the east of the Simmons. G. A. Book is about 2,300 feet on the Oliver well in section 11-18-13, a mile east, and the Marine Oil Company is below 1,800 on the Winn No. 26 in section 10-18-13.

# Two Comeback Wells Cause A Sensation

## "Perforated" at Higher Levels, Old Rainbow Casings Flow.

El Dorado, May 24.—(Special.)—Almost sensational comebacks by two wells in the Rainbow City field, scene of extensive operations two years ago, have featured development work during the past week in the El Dorado oil district.

The wells resulted following work-over jobs and since excellent results were obtained, it is believed that similar work may be undertaken on a number of other old wells in that territory to the northeast of El Dorado. One of the wells had turned to salt water and the other was only pumping 25 barrels a day before being brought back.

Now the wells, both owned by the Pure Oil Company, are making a combined daily production of 1,625 barrels. The largest is the Nash No. 1, in section 7-17-13, east side of the field, flowing 40 barrels an hour. The well is making around 1,000 barrels daily. It previously had been a salt water producer after flowing for a time.

The second well is the E. F. Gregory No. 5 in the southwest part of section 10-17-14. From a 25-barrel a day pumper the well has been made into a well that is flowing and pumping together in the neighborhood of 625 barrels.

Each well being perforated about 275 feet. The Nash well is now producing from 3,050 feet, as compared to its old depth of 3,200 feet and the Gregory well was turned back to 3,050 from 3,270 feet.

A similar plan will be tried on other wells in that area by the Pure Oil Company and it is felt certain that other companies will follow in their footsteps.

An attempt is to be made to get shallow sand production in the Urbana territory. The first effort along this line will be made by John W. Olvey on his G. G. Simmons test, in the northeast corner of the northeast quarter of the northwest quarter of section 15-18-13.

Olvey failed to pick up the sand hit in other wells at 3,500 feet and he has cased off the well to make a test at 2,293 feet, where a likely looking formation was encountered.

The Marine Company is making progress on its Winn well, in section 10-18-13, Urbana, dilling being under way below 2,500 feet.

A test being closely watched by El Dorado is that to be made during the coming week by O. W. Estes on his Telford No. 1, in section 35-17-15, just east of the El Dorado city limits.

# ONE COMPLETION IN EL DORADO AREA

## Oil Field Experiences Another Dull Week; Urbana Shallow Test Holds Interest.

Special to the Gazette. 6-1-30  
El Dorado, May 31.—With only one completion and operations confined to wildcat territory for the most part, the south Arkansas oil territory went through another quiet week.

The first shallow sand test in the Urbana field, 15 miles southeast of El Dorado, held the spotlight. The well is the G. G. Simmons No. 1 of J. W. Olvey, and was bailed from a depth of 2,233 to 2,270 feet. Indications are that it will make a producer. Should a fair sized well be completed here, it is believed an extensive drilling campaign will follow. The well is located in the northeast corner of northeast of northwest of section 15-18-13, a half mile south of the present production. The well was a deep test which failed to produce, and the crew cemented back to the Nacatosh sand, where cores taken during the deep test indicated a producing sand. Of the many wells drilled in the Urbana area since 1926, none has been tested at the shallow level.

Two deep tests in the edge of the Urbana field are making fair progress. F. A. Book is drilling below 2,600 feet on the Oliver No. 1 for the Southern Crude Oil Purchasing Company in the northwest quarter of northeast quarter of section 11-18-13, a mile east of the Thompson producer. The Marine Oil Company is drilling on the Winn estate in the northeast corner of northwest of southeast of section 10-18-13. This test is approximately 3,200 feet deep, and both expect to find the deep sand at around 3,500.

The Thompson well of the Marine Oil Company in the center of section 10-18-13, first producer in the Urbana field, has flowed and pumped more than 50,000 barrels of oil, but salt water has ruined other promising wells near it.

Only one well is drilling in the Hillsboro area. P. E. Carter is below 1,400 feet on the J. W. Burnside estate in section 23-18-14. This test is one mile south of the discovery area in section 14-18-14, where Modisett Drilling Company and the Phillips Petroleum Company have three wells and J. H. Johnston has one, producing approximately 145 barrels a day. The Phillips recently purchased controlling interest in the Modisett leases and it is thought the company will drill other wells.

O. W. Estes is making a test on his Telford well in section 35-17-15, near the east El Dorado city limits, and indications are the well will make a small producer.

Other wells drilling in Union county are: Stanley B. Hickman, No. 1, Hogg, section 35-16-17; R. M. Sundby, No. 1, M. A. Perdue, section 33-16-14; Root Refining Company, No. 1, Jerry, section 21-17-14; H. L. Hunt, No. 1, Trammel, section 28-18-12; South El Dorado Oil Company, No. 1, Traylor, section 9-19-15; Tidal Oil Company,

section 3-16-14, Calhoun county, is preparing to drill.

Production in the Smackover field dropped off about 12,000 barrels last week because of several hundred wells being closed down by high water.

# ACTIVITY RENEWED IN EL DORADO AREA

## Four Edge Wells Occupy Attention; One Is Rank Wildcat.

Special to the Gazette. El Dorado, June 7.—Following several weeks of inactivity, a renewed interest is being manifested in oil development in the El Dorado territory, with principal attention centered on four edge wells, one a rank wildcat near Strong, the other three in the Urbana area. One of the Urbana tests has already shown up as a promising producer, casing has been set on a second after an oil showing and the third has struck what is believed to be the producing sand at the deep level.

The wildcat well is located a mile north of Strong and is more than seven miles from the nearest production, the Thompson well in the Urbana sector. The Trammell No. 1, of H. L. Hunt, El Dorado operator, had cores taken from a depth of 3,545 feet, indicated an oil sand. A thorough test is to be made. This well is in a territory looked upon favorably for several years by oil men, and one or two former tests have encountered good showings at higher levels.

In the Urbana territory the Marine Oil Company has set casing on its Winn estate well in section 10-18-13 at

3,552 feet, after taking cores rich in oil. The well will be bailed about the last of next week. This location is in northeast corner of southwest of southeast of section 10-18-13, a quarter due east of the Thompson discovery well in the Urbana field.

F. A. Book, drilling on the Oliver No. 1 well for the Southern Crude Oil Purchasing Company in the northwest of northeast of section 11-18-13, a mile east of production in the Urbana area, is coring below 3,500 feet and expects to strike the oil sand at around 3,550. The formation in the test has been checking favorably.

The first attempt to bring in a shallow well in the Urbana territory was on the G. G. Simmons No. 1, drilled by J. W. Olvey. It is believed the well will make a fair producer. Cement was set at 2,233 feet. The first test failed when a leak developed in the casing seat. The well was first drilled for a deep test but failed to produce and was cemented back.

Lion Oil Refining Company is working on the A. B. Kelley well in section 9-17-14, Rainbow field, to obtain production above the original depth of the well by perforation. The Pure Oil Company is also working over other old wells in Rainbow after making good producers out of two old ones.

South El Dorado Oil Company is expected to make test soon on the Traylor No. 1, in section 9-19-15, near the south end of the El Dorado South field. Casing was set in the Nacatosh sand.

Other operations are: Stanley B. Hickman, Hogg No. 1, section 35-16-17; Tidal Oil Company, section 3-16-14, Calhoun county; M. L. Sundby, M. A. Perdue No. 1, section 33-16-14; Arkansas Fuel Oil Company, Burns No. 1, section 14-18-17.

# SMACKOVER AREA TO HAVE DEEP TESTS

## 2,000 Acres of Leases Being Blocked for Shreveport Operators.

Special to the Gazette. El Dorado, June 14.—A long-expected test for an oil pool between 3,000 and 4,500 feet deep in the Smackover field, where operators and landowners have for several years cast a wistful eye for a new and prolific deep sand, is in the offing, according to announcement here this week.

A block of leases, approximating 2,000 acres in eight sections in township 16 south, range 15 west, lying, roughly, west and south of Sandyland High School on the Smackover paved road, is being blocked by local men for Crawford & Sebastian, Shreveport operators, and the lease contracts call for starting of a well within the next 90 days.

Two wells will be drilled, one of 4,500 feet depth, unless oil or gas is found at a shallower depth, to be located in a block in sections 11, 12, 13 and 14-16-15. The other will be 3,200 feet, unless oil or gas is found at a shallower depth, and will be located in a block of approximately 1,000 acres in sections 22, 23, 26 and 27-16-15.

The block is in a territory leased during the early boom days, but which failed to yield any production to speak of. It is just to the west edge of the main Smackover field. Due to the numerous leases and the hundreds of royalty parts held by persons here and in other sections of the country, considerable difficulty has been experienced in necessary preparations for drilling the wells. In such cases it is customary to ask each royalty owner to make contract for transfer of his portion of the lease to the company drilling the well. This is sometimes done gratis, and in other cases a consideration is paid.

This is the first attempt to block a large tract for a deep well in the Smackover area, due to the difficulty in getting leases and to the expense of drilling such a well. It is said that several local oil men have contributed liberally to the project, and several companies are said to be interested financially. Only one well has ever been drilled to the 4,500-foot depth in Union county and the deepest in the Smackover territory was around 4,300 feet.

An important test in the Urbana field is to be made Monday, when the Marine Oil Company will bail its Winn estate well in the northeast corner of northeast of southeast of section 10-18-13. Casing was set on the deep test 10 days ago at 3,556 feet, after cores dripping oil had been taken.

The only other well drilling now in the Urbana sector is the Southern Crude Oil Purchasing Company's Oliver No. 1, in the northwest of northeast of section 11-18-13, where F. A. Book is drilling and coring below 3,575. H. L. Hunt is drilling and coring on another deep well, the Trammell No. 1 in section 28-18-12, a mile and a quarter north of Strong. Several good looking formations have been passed through, but none has yielded a show sufficient to warrant setting of casing.

The well now is about 3,750 feet. Stanley B. Hickman has found a showing of oil in his Hogg No. 1 well in section 35-16-17, near Lisbon. The Tidal Oil Company is expected to resume operations at its location in section 3-16-14 soon. The high water three weeks ago stopped work. The well is located in Calhoun county, near Callon.

## Five Producers in Tri-State Territory During Week.

Special to the Gazette. Shreveport, La., June 14.—There were five producers this week in the oil and gas territories of north Louisiana, south Arkansas and east Texas, but there was no outstanding event, the five producers totalling 250 barrels, compared to 11 producers with a yield of 4,125 the preceding week.

Three of the producers brought in last week were in Cartersville, Bossier parish, La.; the Arkansas Fuel Oil Company's Barnet B-2, in section 26-23-12, producing 75 barrels at a depth of 3,167 feet; the Texas Company's J. W. Peyton No. 2, 25-23-12, producing five barrels, and the H. L. Hunt et al's J. W. Peyton No. 9, section 25-23-12, flowing 45 barrels at a depth of 3,222 feet. One of the other producers also is located in Louisiana, Caddo parish, the Texas Company's Leonard Fee No. 3, section 29-20-15, flowing 55 barrels.

Arkansas accounted for one producer, the well being located in Ouachita county, the Phillips Petroleum Company's Betty Joyce No. 11 well in section 33-15-15, flowing 70 barrels at a depth of 2,398 feet.

The week also accounted for seven gassers and eight failures as compared to eight gassers and nine failures the preceding week.

The daily average oil production for the week showed a combined yield of 93,550 barrels, compared to 93,950 for the preceding week, a loss of 400 barrels for the week. The Louisiana oil production showed a decrease of 3,074 barrels over the preceding week, last week's total being 38,940, compared to 41,014 the preceding week.

Arkansas gained 1,674 barrels, the total for last week being 54,610, compared to 52,936 the preceding week. Heavy Smackover showed an improvement, rising 1,187 barrels to a level of 36,450 for the week.

# URBANA DEEP POOL IS EXTENDED EAST

## Winn Test Is First Producer Any Distance From Discovery Well.

Special to the Gazette. El Dorado, June 21.—The Urbana deep sand oil pool, 14 miles southeast of El Dorado, was extended a quarter mile to the east this week with the completion of the Winn estate well of the Marine Oil Company in section 10-18-13. The Winn test is the first producer to be completed any considerable distance from the Thompson discovery well. Three offsets were drilled near the Thompson several months ago, but none have produced any oil of consequence.

The owners are placing a standard pumping rig on the Winn and will probably start pumping within a week. It is believed the well will make around 1,000 barrels a day. There was only a small show of water when the well was swabbed. A fair gas pressure developed, but not enough to cause the well to flow. The location is northeast corner of northwest of southeast of section 10-18-13, and the well is 3,558 feet deep. It is reported the Marine will soon announce another location in the vicinity of this producer.

Standard pumping rig is to be placed on the South El Dorado Oil Company's Traylor No. 1 test in the shallow sand in section 9-19-15, near the south edge of the El Dorado south pool, about nine miles south of El Dorado. The well was bailed and swabbed at 2,181 feet, and is standing several hundred feet in oil. The owners believe it will

be good for 40 to 60 barrels a day. It was drilled on a block of about 400 acres. Modisett Drilling Company has location for a fourth well in the Hillsboro area, where a pool was discovered in the shallow sand in 1929. The location in southwest corner of southwest of southeast of section 12-18-14 on the Mary Morrison land. Modisett recently sold an interest in his three wells and leases in section 14-18-14 to the Phillips Petroleum Company.

The deep test being drilled by the Southern Crude Oil Purchasing Company on the Oliver land in section 11-18-13, east of the Urbana field, is below 3,600 feet. Several promising oil and gas sands have been found, but tests have failed to indicate a producer.

H. L. Hunt is around 3,900 feet on the Trammell test in section 28-18-12, near Strong.

Blocking of acreage in the vicinity of Sandyland school, township 16, range 15, three miles south of Smackover, where a 4,500-foot well will be drilled, is under way. Leases are being blocked in eight sections.

# ANOTHER PRODUCER IN EL DORADO AREA

## Marine Oil Company Making Deep Test; Two Abandonments in Same Territory.

Special to the Gazette. El Dorado, July 12.—The Urbana deep oil pool, 14 miles southeast of El Dorado has registered another good producer, a quarter-mile from the discovery well. The latest well is the Winn estate test of the Marine Oil Company, which has been on the pump for a week. The well is making from 1,200 to 1,500 barrels a day, one-half oil and half water, or more than 600 barrels of oil. The gravity is approximately 20 degrees, the same as that from the first well. The Winn well is located in the northeast corner of northwest of southeast of section 10-18-13, and was completed from a depth of 3,556 feet.

The combined production of the Urbana deep area now is about 2,100 barrels a day, the Thompson discovery well making an average of 1,500 barrels a day. The Thompson well has already produced more than 110,000 barrels of oil and gives promise of holding out for many months.

The Marine is drilling another deep test in the Urbana field, the Thompson A-4, located in the southeast corner of southwest of northeast of section 10-18-13, and a quarter east of the discovery well. The crew is drilling at around 2,400 feet.

Considerable acreage has been blocked for two deep wells in township 16, range 16, south of Smackover. The land is being leased for Crawford & Sebastian of Shreveport, La., and one

of the wells will be 4,500 feet and the other 3,200 feet.

H. L. Hunt has abandoned the Trammell test in section 28-18-12, near Strong, and the Southern Crude Oil Purchasing Company has abandoned the Oliver deep test in section 11-18-13.

The Tidal Oil Company is drilling on its deep test in section 3-16-14, east of the Ouachita river, near Callon.

# LIGHT OPERATION IN OIL DISTRICT

## Only Interest Is in Tests by Marine and the Tidal Oil Company.

Special to the Gazette. El Dorado, July 19.—With proven areas in the Smackover creek territory barely recovered from the heavy blow dealt by the floods late in May, and several disappointments in deep edge tests within the past few weeks, the South Arkansas oil district is undergoing one of the leanest periods seen in this territory in years. Few drillings rigs are in operation, and there is only occasional trading in acreage, as compared with the brisk dealing that goes with intensive drilling operations.

Principal interest is centered in two deep tests, one in edge production territory, the other a rank wildcat. The Marine Oil Company is drilling on its fourth well in the Urbana sector, 14 miles southeast of El Dorado, the Thompson A-4, in section 10-18-13, and the Tidal Oil Company is at work on a wildcat well in section 3-16-14, Calhoun county, east of the Ouachita river.

The Marine is approximately 2,800 feet on its Thompson test, which is a north offset to a producer in the deep sand. The well is in the southeast corner of southwest of northeast of section 10-18-13, a quarter east of the Thompson B discovery well, which was brought in last January. Depth of production in this field is around 3,535 feet and the crew is expected to strike the sand in the next 10 days or so. Besides the Thompson producer, the Marine has one other well in the Urbana field, the Winn estate. This well was completed several weeks ago at 3,556 feet, and is making about 600 barrels of oil and approximately the same amount of water. The Thompson has been producing six months and has pumped and flowed around 120,000 barrels of oil. It is making from 1,200 to 1,500 barrels a day, with a large amount of water. Although several failures have been registered in this territory, many still believe a large pool exists there.

The Tidal well is below 2,300 feet. It will be taken to 3,200 feet unless shallower production is found. A test of the Nacatosh sand failed to indicate a producing sand at around 4,100 feet. Several shallow wells have been drilled in Calhoun county, but none in the immediate vicinity of the Tidal. Work was started on this well early in May, but operation was delayed due to high water.

Blocking of acreage in eight sections in township 16, range 16, southwest of the original Smackover pool

is about complete, and it is expected that drilling operations will be started soon. The acreage is being blocked by local men for Sebastian & Crawford of Shreveport, La., and two wells will be drilled. One will be drilled 4,500 feet in a block in sections 11, 12, 13 and 14-16-16, and another will be drilled 3,500 feet in a block in sections 22, 23, 24 and 25-16-16.

H. B. Belmont and associates, said to be backed by Eastern capital, have started a well in section 16-15-17, Ouachita county, but are closed down on account of lack of water. The test will be 3,200 feet.

Hollyfield & McFarlane, El Dorado operators who recently purchased the South Arkansas properties of the A. H. Ramage estate for \$110,000, are working over some of the wells. The property consists of about 240 acres of leases and 25 wells, and the average daily production is 400 barrels. Hollyfield & McFarlane have about 300 barrels daily production in addition to the Ramage property.

# ACTIVITIES CENTER ON DEEP OIL TESTS

## Additional Operations Await Rain in South Arkansas Fields.

Special to the Gazette. El Dorado, July 26.—Interest in deep oil production in the south Arkansas district is divided between a deep test in the Urbana field and a wildcat well being put down in Calhoun county near Callon, 15 miles northeast of here. While operations are going forward on these two wells preparations are being made to start two other deep tests and a fifth is awaiting rains to replenish the water supply after shutting down when surface casing was set.

The Marine Oil Company is expected to strike the pay oil sand within the next week in its Thompson A-4, deep well in the Urbana field. This well is an offset to the Winn estate well, which was placed on the pump a few weeks ago, and is located in the southeast corner of southwest of northeast of section 10-18-13. The formation has been checking favorably with other wells in that area, and the crew is expected to find the sand at around 3,550 feet.

Hopes were held for a new field in Calhoun county when the Tidal Oil Company found eight feet of oil sand in its Arkansas Trim No. 1, wildcat test in section 3-16-14, Calhoun county. A drill stem test on the well at 2,583 feet resulted in a show of salt water, and the test will be deepened to 3,500 feet unless oil is found. The company has several hundred acres of leases in the vicinity of the well.

The Marine is planning to use an air machine on its Winn estate well in section 10-18-13, Urbana field, which has fallen off in production after starting out at around 600 barrels per day.

H. B. Belmont and others are closed down temporarily on their Georgia Dean No. 1 well in the northeast corner of southeast of northwest of section 16-15-17, Ouachita county, on account of lack of water. Surface casing was set at around 100 feet. The well will be a 3,500-foot test.

Plans are going forward for tests for the drilling of two deep tests in township 16, range 16, southwest of the Smackover field. Leases are being taken for Crawford & Sebastian, Shreveport, La., contractors. One of the wells will be 3,200 feet, the other 4,500.

Rainbow field, 11 miles northeast of El Dorado, which saw one of the most hectic drilling campaigns ever carried forward here in 1928, will get another play after experiencing an unusually quiet period, will get another play. The Ohio Oil Company, pioneer firm in the field, has obtained permits for

three wells, and operations are getting started. The Lion Oil Refining Company is working on its A. B. Kelley No. 2 well, in section 9-17-14, Rainbow field.

## Oil and Gas News

# DRILLING CAMPAIGN CONTINUES QUIET

Work in El Dorado Field Confined to Old Wells. 8-10-30

Special to the Gazette. El Dorado, Aug. 9.—With only three or four scattered new operations under way and work in old production areas confined principally to working over old wells to increase output, the El Dorado oil district continued quiet during the past week.

The Marine Oil Company has casing set on its Thompson A-4 well in section 10-18-13, Urbana field, at 3,550 in the deep sand, and preparations are being made to test. The well indicated it will make a good producer when a three foot core was taken. A drill stem test showed about 9,000,000 feet of gas, the strongest gas pressure of any deep well drilled in that territory. This well is a north offset from the Winn estate well, which has been making about 100 barrels per day.

The Tidal Oil Company is drilling on its Arkansas Trim No. 1 wildcat in section 3-16-14, Calhoun county near Callon on the Ouachita river. Several good showings have been encountered, but drill stem tests failed to show a producer.

H. B. Belmont and associates have rigged up a water line to their Georgia Dean well in section 16-15-17, Ouachita county, which has been closed down for several weeks on account of dry weather. This test is three miles northeast of the McDonald field.

Local oil men have bought acreage in the vicinity of the Lenz well in Miller county, but as yet no plans have been made to drill. Garland Grace, El Dorado man, owns a farm of several hundred acres in the vicinity of the test.

Further development of the Arcadia, (La.) area is expected following the purchase of half interest in a block of 7,000 acres by Shreveport capital. The block was owned by W. A. Nichols and associates of El Dorado. Nichols drilled a test which showed up as a producer, but was forced to close down when his funds ran short. He received \$200,000 for the half interest, \$20,000 cash, the balance to be paid in oil.