

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

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

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

- New drilling permits follow:
- Transcontinental Oil Company, Louis Novack No. 1, Section 36-2-6, Prairie county.
  - Buck Oil Company, J. J. Taaffe No. 1, Section 25-12-32, Little River county.
  - Phillips Petroleum Company, C. P. Newton No. 2, Section 34-15-15, and W. M. Scott No. 4, same. Ouachita county.
  - Standard Oil Company of Louisiana, J. T. Arnold No. 12, Section 26-15-16, Ouachita county.
  - Magnolia Petroleum Company, M. C. Schmidt No. 1, Section 15-17-14, Union county.

## TEST OF WILDCAT WELL TOMORROW

Much Interest Manifested in Estes Lease Near El Dorado Limits.

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

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

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

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

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

## WILDCATS IN UNION COUNTY WATCHED

Operations Confined to Shallow Sands of Proved Fields.

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

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

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

The Federal Petroleum Company obtained a favorable showing in its Pigeon Hill test in the east end of Union county, section 5-17-12, on the Union Sawmill land, but a drill stem test failed to indicate a commercial well. The test is being deepened.

Johnston brothers are drilling and coring on their Norris No. 1 wildcat well in section 17-18-12, near Strong, where the formation has been checked favorably. Cores have indicated an oil bearing sand, and some trading in acreage has been under way.

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

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

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

## LULL IN DRILLING ACTIVITIES CONTINUE

Few Rigs in South Arkansas Oil Field in Operation.

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

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

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

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

## Drilling Abandoned at Well Near Spiro, Okla.

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

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

## Natural Gas at Pine Bluff to Be Analyzed.

Special to the Gazette. Pine Bluff, Jan. 24.—Because of complaints reaching the Jefferson county Health Department Dr. George Hays, county health officer, announced today that he had arranged with competent chemists to test natural gas distributed to determine the number of heat units per cubic foot, the standard by which gas is measured.

Symptoms caused by the inhalation of carbon monoxide gas, a poison which results from incomplete or faulty combustion, have been reported to the health office. This is responsible for the action taken by Dr. Hays.

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

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

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

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

"Oil was first discovered in Arkansas on April 10, 1920, in the S. S. Hunter well, located about two and one-half miles east of Stephens, in southwest Ouachita county. The well was drilled to 2,121 feet but was never a commercial producer, although some oil was bailed from it. Twelve days later a gas well, with an estimated daily flow of 60,000,000 cubic feet was drilled in by the Constantin Oil and Refining Company in western Union county. It was not until January 10, 1921, however, when the Busey and Mitchell well, which was drilled immediately south of El Dorado, came in with an initial production estimated at from 3,000 to 10,000 barrels of oil per day from the Nacatoch sand, that prospecting began in earnest.

"Developments followed with great rapidity, and the south El Dorado field was extended to contain nearly 8,000 acres. Prospecting later resulted in the discovery of the fields now known as East El Dorado, Irma, Woodley, Stephens, Smackover, Bradley, Lisbon, Rainbow City, Mount Holly, section 14, T. 18 S., R. 14 W., Sec. 2, T. 18 S., R. 15 W., Urbana, and Garland City, a total of 14 fields, with an aggregate

producing acreage estimated at 49,365 or about 77 square miles. The fields vary in size from about 85 acres, that of Mount Holly field, to 29,505 acres, the area of the Smackover field. The estimated recovery per acre from the Arkansas fields to January 1, 1934, has varied from 397 barrels in Garland City field to in excess of 17,549 barrels in that portion of the Smackover field producing heavy oil.

**Peak of Production.**

"The aggregate annual production from these fields reached 77,398,000 barrels in 1925, and at the peak of production more than 457,000 barrels per day were being taken from the ground, making Arkansas the fourth producing state in the Union. Since 1925 the annual output of crude oil has declined, the production in 1934 being 11,608,000 barrels. The present daily average production is about 30,200 barrels, 18,050 or 60 per cent of which is heavy oil from the Smackover field," the geologist said.

A total of more than 8,100 wells have been drilled in the state, up to and including 1928, and, of these, about seven per cent were wildcat wells and 93 per cent drilled in proven territory, he pointed out.

"The average cost of drilling has been about \$16,000 per well drilled, and the total investment through 1928 represents more than \$133,000,000, as compared with a total value of oil produced during that period of more than \$305,000,000.

"The gulf coastal plain in Arkansas, from which as indicated all of the state's oil production has been obtained, includes an area of about 27,600 square miles. In about 20 per cent of this, or 5,500 square miles, it is believed that the chances for finding new oil fields are good, in about 50 per cent, or 13,800 square miles, it is believed that the chances for finding new oil fields, is fair, and in about 30 per cent, or 8,300 square miles, the chances for finding new oil fields appear to be slight. It is anticipated that future prospecting will result in the discovery of many new oil-producing areas in the gulf coastal plain in Arkansas," Dr. Branner said.

## Development Needed in State, Bailey Says

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

Mr. Bailey pointed out that Arkansas has great natural gas fields, with capped wells, and that gas for consumption in Arkansas and Missouri is being supplied from Louisiana. Arkansas's valuable timber, for the most part, is sent out of the state to be manufactured, Mr. Bailey said. "Arkansas invests more than \$14,000,000 annually in life insurance and more than \$15,000,000 in fire insurance, but only about 10 per cent of these amounts remain in the state, the most of the premiums going to out-of-state companies, Mr. Bailey said.

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

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

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

**Permits Issued, 11-22-36**

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

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

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

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

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

## INCORPORATION MATTERS.

The Neely Exploration Company, a Delaware corporation, filed notice of entry into Arkansas at the secretary of state's office yesterday. The company will use \$15,000 of its capital in mining and mineral explorations in southern Arkansas and will maintain operating headquarters at Bradley, Lafayette county. John W. Newman of Little Rock was designated as resident agent.

## INCORPORATION MATTERS.

Geophysical Service, Inc., a New Jersey corporation with headquarters at Dallas, qualified to operate in Arkansas as explorer for oils, gas and minerals by means of scientific instruments; \$10,000 to be used in this state; John W. Newman, Little Rock, resident agent.

## Science Recommends Increase in Crude Output

Useful When Made Into Liquids. (Science Service.)

San Francisco.—Butane, propane and other petroleum-gas names now unfamiliar may soon become parts of common speech and consciousness. They are now rather neglected by-products of petroleum refining, but when turned into liquids they can be put to a considerable range of uses.

W. Z. Friend and T. W. Legatski of the Phillips Petroleum Company told colleagues at the meeting here today of the American Chemical Society.

These gases are so versatile, they said, that a single supply may first be used as a solvent, then as a refrigerant, and finally consumed as a fuel either for heating or in internal combustion engines.

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

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

At the same time, the bureau said it would not be able to make a long-range forecast of crude oil demand for winter months as requested by the Interstate compact commission through Chairman O. Thompson, who also is chairman of the Texas Railroad Commission.

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

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

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

	Dec. 1936	Nov. 1936	Dec. 1935
Texas	1,145,200	1,103,000	1,005,800
Oklahoma	567,000	558,400	480,300
California	553,400	549,600	513,800
Louisiana	204,800	198,000	128,000
Arkansas	26,800	28,100	28,100

## Arkansas Gazette 11-1-36

Rice Belt Petroleum Company, Stuttgart, articles of incorporation; capital stock, 400 shares with a par value of \$25 each; Mrs. Alma Noack, Little Rock; A. R. Koban, Little Rock; W. C. Connors, DeWitt, incorporators.

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

Marathon Oil Company of West Virginia, notice of withdrawal from Arkansas.



## OIL NEWS

New Nevada  
Field Growing  
Rapidly

Gaz. 1-3-37

Special to the Gazette.

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

C. B. & F. Petroleum Company set casing at a depth of 1,180 feet Wednesday night in their William Haynie No. 1 on the John R. Lewis lease in the southwest corner of southwest quarter of northeast quarter of Section 5-14-20, four feet in the Nacatosh sand. Plug will be drilled today and bailing tomorrow should determine whether this test will result in an extension of the old Waterloo field. The test is causing more interest in the field than any other as its completion as a producer will draw the two fields closer together. Drillers and scouts who examined the core from the Nacatosh in this well say it was saturated with oil the oil sand was encountered at the usual depth of the Waterloo field. The test is a half-mile east of production in the Waterloo field and about two miles northwest from the Benedum-Trees Oil Company discovery well in north half of the southeast quarter of the northwest quarter of Section 10-14-20.

## Deep Test Continues.

The deep test of Benedum-Trees Oil Company, in their Lily Block No. 1, in the northeast corner of the northeast quarter of the southeast quarter of Section 9-14-20, continues to attract attention. Last week, the Nacatosh sand was cased off, although more than 500 feet of oil stood in the hole, and, Thursday of this week, cores were taken from the Tokio sand at the 2,200-foot level. Indications are this sand, though saturated with oil, will be cased off and drilling continue to the Travis Peak or Persian Lime sand expected to be encountered at a depth of 3,600 feet, or possibly the Glen Rose at about 4,200 feet. No official announcement was forthcoming this week. It is known, however, this test was started with the intention of going to the 3,600-foot sand, to carry out an agreement by the company with land owners that a test was to be drilled that depth.

The Glasco No. 1, on the Ritchie lease, in the center of the northwest quarter of the northwest quarter of the southeast quarter of Section 10-14-20, which was placed on the beam last week and pronounced good for 250 barrels of oil a day on the pump, had sand trouble the first of the week, but this is gradually clearing up under the personal supervision of Mr. Glasco, who for two days operated his pump on the lowest speed possible. The well is free of water and gives promise of being one of the best producers in the field. Everything is on the ground for Glasco's No. 2 on the same lease, which will be started soon, and permits have been issued for Tests Nos. 3 and 4 on the same tract.

## "Oil Town" Appearance.

Despite the holiday season and heavy rains this week, Benedum & Trees Oil Company has increased the number of its employees, and the new oil field is fast taking on the appearance of a village. Lumber is on the ground for several homes for employes, scores of metal tanks for oil storage have been constructed and more are being hauled in. Ground has been cleared and foundation laid for the erection of the largest oil storage tank in Nevada county, a 55,000-barrel metal tank. Berry Asphalt Company has bought the right-of-way for a pipeline from the Benedum & Trees leases to their refinery at Waterloo and the laying of pipe will begin next week. The heavy rains caused a cessation of hauling of oil in trucks and Benedum & Trees producers were closed down for two days because all storage tanks were full. E. H. Weaver, who on New Year's Day relinquished the office of Nevada county judge to J. W. Bradley, has obtained a ground lease on five acres of the Benedum & Trees leases, and will erect a general store. Several stores have been constructed within the past month. Judge Weaver contemplates plotting a part of his lease for a townsite. Scores of workmen have been engaged the past week in clearing land in the new field and 14 steel derricks can be seen by visitors.

## Clark County.

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

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

Little information is available concerning Root Refining Company test in Hempstead county just west of Nevada county, in Section 16-13-23. The test is down practically 2,900 feet with drillers and others interested declining to divulge any information of their findings. Rumor is general among scouts that the Nacatosh and Tokio sands were encountered at anticipated depths, but cores of both sands failed to contain encouraging showings. Drilling will continue to the 4,000-foot level.

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

Snow Hill and Urbana Sectors  
Attracting Interest.

Special to the Gazette.

El Dorado, Jan. 2.—With high water and bad roads hampering drilling operations in the new Nevada county field, two other sections of south Arkansas are attracting attention. The two are the Urbana section of Union county where a well is to be drilled by the McCreslean Oil Company and the Snow Hill sector of Ouachita county where

the Lion Oil Company is reported to have made location for a well.

Permit was issued this week to the McCreslean Oil Company for a well to be drilled in Section 3-18-13 near Urbana. The well will be the Atkins No. 4 and is located in the southeast corner of the northwest quarter of the northeast quarter. Drilling operations are expected to get under way soon.

Though no big "gushers" have been produced in the Urbana field, the area has been prolific and numerous small producers have been completed.

The Lion Oil Refining Company is reported to have made location for a test to be drilled in Section 21-15-15 in the Snow Hill sector of Ouachita county. Permit has not as yet been issued for the well.

In addition to the Lion's reported test, the Phillips Petroleum Company is reported to have made locations for tests to be drilled near Cross Roads in Ouachita county and near Roark's Landing near the Ouachita river.

The Snow Hill sector was the scene of considerable activity last spring when several small oil producers and large gas wells were completed in the area from depths around 4,800 feet.

The Lion company is reported planning to deepen an old well drilled in the Schuler area of Union county west of El Dorado by the Phillips company several months ago. They are reported planning to drill the test to the 8,000 foot level in search of the oolitic lime formation encountered in the Snow Hill area.

Permit was issued this week for a wildcat test to be drilled in Clay county near Piggott by John G. Nelson. The test will be the Frank Underwood No. 1 located in the southwest quarter of the northeast quarter of section 4-20N-8E. Derrick has been erected and rigging up is under way and drilling operations are expected to be started soon.

Three permits to plug and abandon old tests were issued by the state Conservation Department this week. C. W. Bibby obtained permit to plug and abandon the H. L. Berg No. 2 test located 330 feet north and 300 feet west of the southeast corner of the southwest quarter of the northeast quarter of section 13-15-17 in Ouachita county. Earl Patterson obtained permit to plug and abandon the Smith No. 1 test located in the center of the southwest quarter of the northwest quarter of the northwest quarter of Section 29-17-14 in Union county. He also obtained permit to plug and abandon the Ezell No. 1 test located 150 feet north and 150 feet west of the southeast corner of the north half of the southeast quarter of the northwest quarter of Section 18-17-14 in Union county.

## OIL NEWS

New Producer  
Settles To  
Smaller Flow

Special to the Gazette.

Prescott, Jan. 9.—The high light of activities in the Nevada oil field this week centered upon C B & F Petroleum Company's William Haynie No. 1 on the John R. Lewis lease in the southwest corner of southwest quarter of northeast quarter of Section 5-14-20, bottomed at 1,180 feet with casing set six feet in the Nacatosh sand. The plug was drilled Monday and, after the bailer had made three trips in the hole, strong gas pressure began blowing oil, water and sand over the top of the 120-foot derrick. The well ran wild for 48 hours until the operators installed a gate valve, bringing the well under control Wednesday. This well caused more excitement than has been experienced since the discovery well was brought in by Ames & Zingg in 1922, and gave indications of being a real gusher. While the gas pressure continued unabated, operators and scouts hourly changed their estimates of the oil flow, ranging from 300 to 2,000 barrels a day.

Since the well was capped, Clyde Cox, president of the company, said it will be good for from 300 to 500 barrels of oil a day. It was feared the continued blowing of the well would drain the oil sand and damage other wells in the Waterloo field which produces from the Nacatosh, but operators believe that danger has passed and the new well will be a good producer. This is an extension of the Waterloo field a half mile east and is two miles west of Benedum & Trees Oil Company's discovery well in the new field.

## Deep Test Watched.

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

Steele & Warmack's William Haynie No. 1 in southeast quarter of southwest quarter of northwest quarter of Section 6-14-20 on the edge of the Waterloo field, which was bailed in New Year's Eve, is standing idle with 900 feet of fluid in the hole. Rainy weather has slowed the digging of earthen pits to hold the production of this well, and it will be placed on the pump next week. Operators will announce location for an offset test in the same tract. Bryan Warmack said he and Charley Steele are sure their well will flow with little agitation.

## Increased Water Content.

Glasco No. 1 on the Ritchie lease, in center of northwest quarter of northwest quarter of southeast quarter of Section 10-14-20, in the new field which came in more than two weeks ago and looked good for 250 barrels of oil a day, continues with sand trouble, though operators are confident this will be overcome within the next week and attention can then be given by the operators to the starting of their No. 2 on the same lease. While increased water content has been noticed recently in some wells, the Glasco producer seems to be entirely free of water and the heavy oil mixed with sand is difficult to move.

## Clark County Test.

For the second week trouble delayed a final verdict in John G. Wooten's Z. T. Sparkman No. 1 test, two miles south of Whelen Springs, in Clark county, just across Little Missouri river from Nevada county. For the second time a packer, used instead of a cement setting, gave away causing the casing to pack with sand; finally the bailer was operated at intervals for two days and the owner and spectators report good oil showings. It is believed oil in paying quantities cannot be produced from this test at its present depth of 560 feet and Wooten announced today he will drill deeper into the Nacatosh and make another effort to bring in a producer. He will skid the derrick and drill another test if the effort fails.

## To Lay Pipe Line.

Berry Asphalt Company will begin laying of five miles of 8-inch pipe line from the Benedum-Trees leases to the asphalt plant at Waterloo next week. The line will be laid 15 inches deep and will cost \$40,000. During the rainy weather this week little hauling of oil was done.

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

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

Attention Centers on Snow Hill  
Deep Area.

Special to the Gazette.

El Dorado, Jan. 9.—With operations already started on one old well and drilling to be started in a few days on a new test, the Snow Hill area of the Smackover field in Ouachita county is again attracting the attention of the oil fraternity and is sharing the limelight with the new Nevada county field.

The Phillips Petroleum Company this week resumed operations on the E. Gette (Rose) No. 1 test in section 28-15-15 which had been temporarily abandoned several months ago when operations were halted in the field after several tests failed to make large producers.

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

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

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

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

## Five Producers.

There are at present five producers in the Snow Hill deep sand area all of which are producing varying quantities of oil and large amounts of gas. Total barrels daily while gas production is about 14,000,000 cubic feet daily. The oil is of high gravity.

The Lion Oil Company has one producer in the area from which it is obtaining 85 barrels of oil per day and approximately 4,000,000 cubic feet of gas. The gas production is being used to operate pumping rigs on the Lion company's many producers in the Smackover fields. The test is the Berg-Reynolds No. 1 and is located in the southeast corner of the southeast quarter of the northeast quarter of section 28-15-15 in Ouachita county.

The Standard Oil Company of Louisiana has one producer in the area. It is the Reynolds B3 located in the southeast corner of the northeast quarter of the southwest quarter of section 27-15-15 in Ouachita county and is producing approximately 50 barrels of oil and 4,000,000 cubic feet of gas daily. The Standard is using the gas production to operate its pumping rigs in the Smackover fields.

The Phillips Petroleum Company, drillers of the discovery well, have three producers in the area with total production of 250 barrels of oil and 6,000,000 cubic feet of gas daily.

The discovery well, the Reynolds No. 1, is the largest producer in the area. It is producing 200 barrels of oil per day and 2,000,000 cubic feet of gas. That test is located in the southeast corner of the southeast quarter of the northwest quarter of section 27-15-15. The Arnold No. 1 test located in the northwest corner of the northeast quarter of the southwest quarter of section 27-15-15 is producing 40 barrels of oil and 2,000,000 cubic feet of gas daily. The smallest producer in the area is the Harris No. 1 which is producing 15 barrels of oil and 2,000,000 cubic feet of gas per day. It is located in the northeast corner of the southwest quarter of the northeast quarter of section 28-15-15.

## Further Tests Predicted.

With operations resumed by two companies in the Snow Hill area, it has been predicted that other companies will make further tests in that section which made good showings in seismograph test shooting the first of last year. Reports have been heard here that tests will be made in other parts of the southeastern part of Ouachita county, north Union county and Calhoun county across the river from the present tests.

In the Urbana area southwest of El Dorado in Union county, the McCreslean Oil Company is nearing production level in its Atkins No. 4 well on which drilling operations were started recently. Reports from the area are that the test is drilling below 2,000 feet. The well is located in the southeast corner of the northwest quarter of the northeast quarter of section 3-18-13.

Three drilling permits were issued this week by the state Conservation Department and five permits were issued to plug and perforate wells.

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

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

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

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

## OIL NEWS

Operations At  
Standstill In  
Nevada Field  
Gazette

1-17-37

Special to the Gazette.

Prescott, Jan. 16.—Rain which has fallen every day except one since New Year's Day has not only rendered rural roads in the Nevada county oil field impassable but has practically caused a cessation of operations this week.

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

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

## Deep Test Continues.

Benedum & Trees Lily Block No. 1 in the northeast corner of the northeast quarter of the southeast quarter of Section 9-14-20 is drilling near the Permian lime sand in the Travis Peak near the 2,600 foot level, after coring in a stray sand at a depth of about 2,900 feet. This deep test continues to be the main operation of interest in the new field and while it continues a "tight test" with operators and drillers divulging no information of findings nor depth, scouts and natives who are watching operations are convinced the owners and drillers have hopes of a real producer in the next week. It is known that producers could have been made at the Nacatosh sand at 1,180 feet in this well and at the Tokio at 2,800 feet.

## Haynie Well Dormant.

The C. B. & F. Petroleum Company William Haynie No. 1 on the John R. Lewis lease in the southwest corner of the southwest quarter of the northeast quarter of Section 5-14-20, which blew in two weeks ago and ran wild 48 hours before it could be capped, remains dormant. Owners announce they probably will mud off the oil and gas sand at the Nacatosh and drill to the Tokio rather than try to make a producer, believing the continued blowing of this test before it could be capped created two large a cavity in the Nacatosh level to insure a good producer. The company announced today it soon would begin the drilling of an offset to this test.













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

The Phillips Petroleum Company obtained permits to plug back and perforate to the Meekin sand in four test wells, all in Union county. The wells are the B. C. Fleming No. 4 test, located 110 feet west and 150 feet south of the northeast corner of the southwest quarter of the southeast quarter of Section 5-16-15; the B. C. Fleming No. 5 test, located 200 feet west and 660 feet north of the southeast corner of the southwest quarter of the southeast quarter of Section 5-16-15; the J. P. Bilyeu No. 2 test, located 200 feet south and 270 feet west of the northeast corner of the southwest quarter of the northwest quarter of Section 9-16-15, and the J. P. Bilyeu No. 3 test, located 200 feet south and 250 feet east of the northwest corner of the southwest quarter of the northwest quarter of Section 9-16-15.

C. V. Lenz filed log of the Dale No. 7 test located 550 feet west of the center of Section 24-15-26 in Miller county.

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

## Oil News

# Morgan Well May Mean New Oil Formation

Democrat 3-21-37

## Lion's Union County Well Gets Attention—Rodessa Widened.

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

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

A second oil producer for the newly discovered Lisbon field, Claiborne parish, La., appeared assured last week after Oden and Evans cored 12 feet of saturation to 5,373 feet in No. 1 Patton, Section 36-21n-5w, north offset to E. T. Oakes, H. D. Easton et al.'s No. 2 Patton, Section 1-20n-5w, completed last December in Basal Glen Rose at 5,379 feet and which has been averaging 150 to 200 barrels daily since that time. Three other tests in this area are below 5,000 feet.

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

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

But the testing of Holcomb, Thomasson et al.'s No. 1 Lizzie Henderson, R. Bennington survey, Marion county, Texas, and Arkansas-

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

and to T. J. and A. S. Harvey for Nos. 1 and 2 Fee, all in the township.

No action has been taken on W. H. Wurtzbaugh's application for 10 tests on the Jefferson and North-western railroad land in the R. Bennington survey. Raymond Little of Greenville, Tex., has secured permit for No. 1 Mount Carmel Methodist church, J. Grayson survey, Marion county. G. N. Campbell has applied for permit to Drill No. 1 Schluter, Johnson survey, one and one-half miles southwest of Jefferson, Marion county. In Cass county, K. C. Lynch secured permit to drill No. 1 Lewis, E. B. B. & C. railroad survey, an outside test.

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

## Test Shows Oil; New Deep Field Hailed

Democrat 3-20-37

# Lion Well Down 5,559 Feet—12 Permits Issued in Miller.

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

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

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

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

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

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

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

Members of the Arkansas Commission are: O. C. Bailey, chairman, Alfred MacMillan, Robert J. Short, Ed Hollyfield and J. D. Reynolds. Two other permits were issued today by the conservation board, one for a test in Clark county, and the other for a test to be drilled by the Marine Oil Company, in the Urbana field of Union county.

The Clark county test will be the C. L. Cabe No. 1 of M. W. Martin, section 14-10-20.

The Marine well will be the Thompson E-6 and will be in section 10-18-13.

In the Rainbow City field, east of El Dorado, the Penn-Ark Petroleum Company is reported to have started swabbing operations on its Raulston No. 1 in section 12-17-14. Casing was set in the Crain sand at about 3,000 feet after a good showing was reported. Plug was drilled and tubing run in the hole, and swabbing operations started.

## Oil News

# Louisiana's Lisbon Field Now Assured

Democrat 3-29-37

## Operators in Rush to Drill—Three Arkansas Wildcats Fail.

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

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

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

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

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

Gulf Pipe Line Company has surveyed right of way for a pipe line to the field from its Shreveport-El Dorado trunk, about eight miles away. Standard Pipeline Company which has been buying the oil from the discovery well, which is averaging over 180 barrels daily, taking it by trucks to Homer, 12 miles away, is also considering a line to the field.

Rodessa had a comparatively quiet week with chief interest centered in Marion county, Texas, outpost tests. Results of bottom hole pressure survey during February was made public by the Rodessa operators' committee, which showed the decline for the 28 days of February to be 10 pounds, or an average drop of .36 of a pound per day. The average pressure March 1 was 1,864 pounds. On last July 7 it was 2,314 pounds. The gas-oil ratio is still 1,662 to 1 and the daily gas withdrawal for the month was 199,376,000 cubic feet.

First oil from the Marion county, Texas, extension of Rodessa—or the Jefferson area for those who believe it on a separate structure from Rodessa—was shipped last week by Holcomb, Thomasson et al.'s No. 1 Lizzie Henderson, R. Bennington survey, when 1,800 barrels was sent to tank cars under Texas Railroad commission tender to the Shell Petroleum Corporation's refinery at Norco, La. Swabbing continues at this well with side chokes installed, after casing was perforated twice again from 5,946-45 feet and 5,060-63 feet. Arkansas-Louisiana Gas Company's No. 1 W. S. Ford, Charles Grayson Survey, Marion county, was preparing to re-perforate casing in this well which had had casing perforated several times and also has been twice acidized.

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

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

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

**Week's Completions.**  
Outside of the Rodessa field, the north Louisiana oil territory added two oil wells last week, both in the shallow Converse field, Sabine parish.

There were three completions in Arkansas, all wildcat failures.

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

The completions in Arkansas follow: Hempstead county—Imperial Oil & Gas Prod. Co., No. 1 Foster Estate, section 35-12-26, dry, abandoned at 3,683 feet.

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

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

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

## OIL NEWS

# 'Deep Oil' Expected In Union County

Special to the Gazette. 3-28-37

El Dorado, March 27.—Prospects for a new oil boom in south Arkansas rivaling the days of the Smackover field boom appeared bright this week, following good showings made in drill stem tests on the Edna Morgan No. 1 wildcat test of the Lion Oil Refining Company in section 18-18-17, in the Shuler area of Union county, about 14 miles southwest of El Dorado. The activity in south Arkansas oil activities and is the most promising showing made since the search for "deep oil" was started several years ago.

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

Sharing something of the spotlight in Union county is the Raulston No. 1 test of the Pennark Petroleum Corporation in the Rainbow City field, east of El Dorado, which was swabbed in this week for a producer estimated at good for 200 barrels of oil a day. The test is located in section 12-17-14.

**"Deep Oil" Objective.**  
Since development of several shallow sands in the Smackover and other sands in various sections of south Arkansas, it has long been the desire of operators to get "deep oil" in south Arkansas, and many deep tests have been drilled around or below the mile-deep level.

All such efforts have proved fruitless, with the exception of the Snow Hill sector of the Smackover field, where five small wells are producing varying quantities of high gravity oil and considerable amounts of gas.

Prior to the Snow Hill discovery, deep tests were drilled in three other sections. The first was drilled by the Lion Oil Refining Company near Hayes City and abandoned below 7,000 feet, after drilling more than 1,300 feet in rock salt without penetrating the "dome."

The second well was drilled in the Rainbow City area east of El Dorado by H. L. Hunt and associates. This well was taken below the 7,000-foot level and a showing of oil was said to have been obtained, but the well could not be completed as a producer.

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

It was more than a year after the Gulf well was drilled that the Phillips Petroleum Company started deep well activities in the Snow Hill area on the J. D. Reynolds land, after seismograph tests had indicated several "high" in that area. The well was completed as a producer of several hundred barrels of oil a day and several million cubic feet of gas at a depth of around 5,000 feet. The producer was completed in the Permian lime formation.

Approximately eight other wells were drilled in the same area and four were completed as small producers.

**Tests Indicate Oil.**

The Phillips and other companies made extensive seismograph tests in all sections of Union county, some of the best showings being obtained in the Shuler area of western Union county. At that time a brisk period of lease trading in and near Shuler resulted and operations started on the Edna Morgan No. 1 test by the Phillips company.

The Morgan well was drilled to a depth of 4,270 feet by the Phillips company and then abandoned.

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

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

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

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

After the second test operators decided to set casing, and reaming was started for the setting of nine and five-eighths inch casing. However, early this week the drill bit, collar, reamer and some drill pipe were twisted off in the hole and necessitated a fishing job. A portion of the lost pipe was recovered Tuesday and the remainder was recovered Wednesday night.

**Ready for Casing.**

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

The showing in the Shuler area was such that Col. T. H. Barton, president of the Lion Oil Refining Company, remarked that his company had struck a "remarkable field of oil," and predicted a big boom in the area. He also estimated that the well may be a producer of 7,500 barrels of oil a day.

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

The Phillips company also is reported to have retained considerable of its holdings, and other major companies, since the showing in the Shuler well, are reported to have bought leases in the vicinity.

To the southeast of the Shuler area, near Junction City, the Standard Oil Company of Louisiana has blocked considerable acreage for seismograph testing, and lease trading in that area is also active.

Since the showing in the Lion's test, more oil scouts, lease traders and representatives of major companies and independent producers have come to El Dorado than at any time since the boom days. The streets are crowded with traders and other interested in trading, and many blue print oil field maps are in evidence.

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

**Raulston No. 1 Producing.**

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

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







# Developments In Two States Being Linked Schuler, Lisbon Fields Adjoin—New Locations in Arkansas.

Shreveport, La.—With completion of a second oil well in the Travis Peak in the Sugar Creek gas field, Claiborne parish, this week, and continued addition of producing wells in the Lisbon field of the same parish, north Louisiana's main oil operating interest continued to be fixed on the north Louisiana basin.

These developments dovetail with the extensive geophysical exploration and leasing campaign which has developed in the basin since discovery of oil at Lisbon and in the Schuler area in section 18-18-17, Union county, Arkansas.

Another north Louisiana basin development of more than passing interest last week was the testing of 20 million feet of gas at 6,066-88 feet in Lide and Greer's No. 1 W. J. Smalley, section 18-16n-4w, Bienville parish, in a horizon that had not shown gas in either of the two preceding gas-distillate producers farther west in sections 12 and 13-16n-5w.

The new Travis Peak oil well in Sugar Creek is United Gas Public Service Company and associates No. 1 Dobbins, section 12-19n-6w, one mile southeast of the No. 1 Warren Brown, section 1-18n-6w, recently completed as an oil well in the Travis Peak No. 1 Dobbins, at total depth of 5,776 feet, flowing 200 barrels of oil in eight hours after being acidized and was shut in awaiting erection of storage.

Four new wells in the Lisbon field, with two others swabbing oil and heading, brought the total of officially completed oil wells in that field last week to 10. Thirteen new locations were made. One of the four new wells, a quarter-mile outside production, linked up to prongs of production in that part of the field and is one of the first wells so far completed there. It is Gulf Oil Corporation's No. 1 Eva Bennett, section 31-21n-4w, which flowed 500 barrels of net oil in 12 hours after being acidized, flowing through half-inch tubing choke.

The other wells officially completed are: Lyons and Neely's No. 1 Maggie Patton, section 31-21n-4w, 23 barrels per hour at 5,272 feet; Gulf's No. 1 H. E. Patton, section 36-21n-5w, 500 barrels per day at 5,324 feet; T. L. James and Company's No. 2 W. H. Patton, section 36-21n-5w, 400 barrels daily at 5,344 feet.

Red Iron Drilling Company and Scout Oil Corporation's No. 2 H. E. Patton, section 36-21n-5w, is heading 15 barrels per hour and Love Petroleum Company's No. 3 Patton, same section is swabbing oil. Atlantic Oil Producing Company, made first location for several years in

this territory when it began moving in for No. 1 F. B. King, section 35-21n-5w, in Lisbon.

C. R. Schuster and associates of California have purchased the controlling interest in E. T. Oakes, H. D. Easton et als. No. 2 Patton, section 1-20n-5w, and the 160 acres around it and made locations for four tests in that quarter-section this week. Consolidation was not disclosed.

Lyons and Neely made two new locations in Lisbon, Magnolia Petroleum Company, two, and Hollyfield and McFarlane of El Dorado, Ark., made four locations. J. D. Carruthers et al. made location for No. 1 Aycock, section 6-29n-5w, half a mile south of production.

The Belmont Quadrangle Drilling Corporation of Bradford, Pa., is the company for whom H. D. Easton has assembled over 10,000 acres for a 6,000-foot test around section 21-19n-4w, Lincoln parish, eight miles south of Lisbon.

Exploration for deeper pay horizons continues at Rodessa, with one Marion county, Texas, outpost test having showings in a horizon below Rodessa producing zones, adding interest to this exploration. In what corresponds to the Pettit in Sligo, Bossier parish, Arkansas-Louisiana Gas Company's No. 1 Laura McIntosh, William Edmonson Survey, that was barren in the Rodessa zones, a showing of oil and gas appeared in cores from 6,644 to 6,665 feet and the test is coring below 6,692 feet. This test is two and one-half miles southwest of nearest production.

surface casing was started about the middle of the week.

### Casing Set on McCree No. 1.

West of Camden in Ouachita county, H. H. Taylor of Tulsa, Okla., was reported to be drilling under surface casing on his Joe McCree No. 1 wildcat test in Section 21-13-19. The test is located in the center of the northwest quarter of the southwest quarter of the northwest quarter of the section. Exact depth of the well could not be learned.

Hempstead, Clark, Dallas, Franklin and Logan counties came in for attention this week with plans being made for wildcat tests to be drilled in each county. In addition operators were expected to have started operations on a test well in Nevada county.

In Hempstead county about 10 miles south of Hope in Section 22-14-24, H. E. Moore of Tulsa, Okla., is reported to be planning a test to the Glen Rose lime on a 5,000-acre block about six miles north of two wells the company is drilling in Miller county near a producer completed by C. V. Lenz in the Garland City area.

### Many Wells Scheduled.

West of Holly Springs in Dallas county operators from Port Arthur, Tex., are reported planning to drill a test in Section 35-10-16 on the Corrells land. The well is expected to be taken to 3,500 feet.

In Clark county, Carter and Burdick are rigging up for operations on their Ozan Lumber Company No. 1 test in Section 25-9-18 on a 6,000-acre block nine miles east of Gurdon. E. O. Olds of Camden is the drilling contractor.

Frank F. Silver is expected to start operations soon on his Chambers estate No. 2 in Section 17-2n-7 in the area where he drilled a well some time ago.

In Franklin county the Ozark Natural Gas Company of Fort Smith will drill two test wells, one in Section 13-8n-29w on the G. A. Sutherland land and the other in Section 33-10n-26w on the H. R. Crowe land.

### Six Permits Issued.

Six permits to drill new wells, one to plug and abandon an old test and one to plug back and perforate were issued this week by the state conservation department and logs of two wells were also filed.

Carter and Burdick of Arkadelphia obtained permit to drill the Ozan Lumber Company No. 1 test located 330 feet south and 330 feet west of the northeast corner of the northeast quarter of the northwest quarter of Section 25-9-19 in Stark county.

The Alice Sidney Oil Company of El Dorado obtained permit to drill the D. S. and J. C. Morgan No. 1 test located 330 feet east and 330 feet south of the northwest corner of the northeast quarter of the southeast quarter of Section 18-18-17 in Union county.

Clyde E. Cox of Prescott obtained permit to drill the William Haynie No. 1 test located in the center of the northwest quarter of the southeast quarter of the northeast quarter of Section 5-14-20 in Nevada county.

W. D. Wingfield, trustee, of El Dorado, obtained permit to drill the Southern Kraft Corporation No. 1 test located 330 feet north and 330 feet east of the southwest corner of the southwest quarter of the northeast quarter of Section 18-16-14 in Union county.

The Ozark Natural Gas Company of Fort Smith obtained permit to drill two tests in Franklin county. They are the G. A. Sutherland No. 1 test located in the center of the east half of the northeast quarter of Section 13-8n-29w and the H. R. Crowe No. 1 test located in the center of the southeast quarter of the northeast quarter of Section 33-10n-26w.

The Carl B. King Drilling Company obtained permit to plug and abandon the E. H. Wolcott No. 1 test located 1-320 feet south and 1,320 feet west of the northeast corner of Section 36-19-26 in Lafayette county.

The Gulf Refining Company obtained permit to plug back and perforate in the Meekin sand in the Sid Umsted "A" 24 located 1,980 feet north and 1,020 feet west of the southeast corner of Section 33-15-15 in Ouachita county.

Alex Larson, trustee, filed log of the J. T. Wortham estate No. 1 test located 375 feet east and 210 feet north of the southwest corner of the southwest quarter of the northwest quarter of Section 29-13-21 in Nevada county.

The McCreslenn Oil Company filed log of the Hadley No. 3 test located 330 feet south and 330 feet west of the northeast corner of the northeast quarter of the southwest quarter of Section 3-18-13 in Union county.

Wednesday and resumed drilling operations under surface casing Thursday night.

It is expected that the second string of casing will be set at 1,600 feet early next week. The J. I. Roberts Drilling Company, drillers on the Marine's well, is also drilling the Alice Sidney test. The test is located 330 feet east of the west line and 330 feet south of the north line of the northeast quarter of the southeast quarter of Section 18-18-17.

### Discovery Well Continues Flow.

Under a half-inch choke on the tubing, casing and tubing pressure has decreased on the Edna Morgan No. 1 discovery producer of the Lion Oil Company and production Thursday was reported at 331 barrels of oil and 2,691,000 cubic feet of gas. Tubing pressure was reported at 900 pounds and casing pressure at 700 pounds. The discovery well has produced steadily at the rate of from 300 to 400 barrels of 45 degree gravity oil and from 2,500,000 to 4,000,000 cubic feet of gas per day since its completion on April 4 with no trace of salt water. Production on the well has varied according to the size of the choke on the tubing. Gas and oil from the well are piped alternately through the Lion's four-inch pipe line to its refinery plant here. The discovery well is located 1-980 feet north of the south line and 4,237 feet east of the west line of the southwest quarter of Section 18-18-17.

### Gulf May Drill in Shuler.

Rumors were circulating here this week that the Gulf Refining Company is contemplating a deep test well northeast of the Lion's producer if the wells now drilling should be completed for producers. It is reported that the Gulf has extensive holdings in and around Section 33-17-17 and Section 4-18-17 and that a test well will be drilled in that vicinity which is about two and one-half miles northeast of the discovery producer.

Most of the territory south and east of the Shuler area has been fairly well leased by major and independent companies and operators and speculators and leases now are being taken in a northern and northeastern direction from the area.

### Detrick Still Idle.

Southeast of the Shuler area, and a few miles north of Junction City, H. C. Detrick has failed to resume drilling operations under surface casing on his S. L. Robbins No. 1 wildcat deep test that is to be taken to the depth of the Morgan sand. Surface casing was set on the well two weeks ago but resumption of operations was delayed pending curing of titles on the leases. No definite information could be obtained as to when operations are expected to be resumed. The Detrick test is located 700 feet east of the west line and 330 feet north of the south line of the southwest quarter of the northwest quarter of Section 12-19-16.

Southeast of El Dorado in the Urbana area, completion is expected this week-end on the Thompson B-6 well of the Marine Oil Company in Section 10-18-13. Casing was set for final testing of the well at about 3,500 feet early this week in the Urbana sand. It was expected that the well would be completed for a small pumper. The Marine has extensive holdings in the Urbana area where it has completed numerous producers. The Thompson test is located 330 feet north and 330 feet east of the southwest corner of the northeast quarter of the northeast quarter of the section.

### McCreslenn Coring.

In the same area, the McCreslenn Oil Company Thursday started coring operations below 3,200 feet on its Atkins No. 5 test in Section 3-18-13. It is expected that the test will reach the Urbana sand early next week. The well is located 330 feet north and 330 feet east of the southwest corner of the southwest quarter of the northeast quarter of the section.

North of El Dorado just outside the city limits in Section 21-17-15 the Sklar Oil Corporation of Shreveport reported to have bade location for a shallow test well to the Nacatosh sand. The company two weeks ago completed a small pumper in the Nacatosh sand at 2,150 feet on the Cordell No. 1 in Section 24-17-16. The well is pumping about 12 barrels of oil per day. The test which is located in the northeast corner of the southeast quarter of the southwest quarter of the section is the first of a series of about 12 wells that the Sklar company is to drill in the area.

Another deep test well destined to attract considerable interest is the Southern Kraft No. 1 wildcat test of W. D. Wingfield, El Dorado operator, which was spudded in early this week in Section 18-16-14. The well is between the Snow Hill deep area in Ouachita county, Smackover field and the Rainbow City deep area where a deep test was drilled by H. L. Hunt several years ago. The well is expected to be taken to the Permian lime formation at about 4,800 feet in search of production. The test is located 330 feet east and 330 feet north of the southwest corner of the southwest quarter of the northwest quarter of the section. Drilling below

2,200 feet and recently was cased off at that sand for the company's second deep test in the field. A good sand 75 feet in depth in the Lily Block test No. 1 at a depth of 4,200 feet, but with not enough oil to insure a producer, leads this company to believe that sand in the discovery well will be a real producer of high gravity oil.

### Third Deep Test.

Grady Vaughn is expected to begin deepening his Christopher estate No. 1 next week for the field's third deep test. Recently operations in this test were stopped at a depth of 4,300 feet. It is located in the southeast corner of the southwest quarter of the southeast quarter of section 3-14-20 and, it is said, will be drilled to a depth of 6,000 feet in search of a high gravity producing sand.

In the Stewart-King wildcat test near the village of Sutton, in the southeast corner of the southwest quarter of the southwest quarter of section 6-13-22, drilling was stopped Tuesday at a depth of 3,500 feet. Drillers of this test announced when drilling operations were resumed last week that they expected an oil producing sand between 3,500 and 4,000 feet and rumor has it that drilling will be resumed as soon as out of state owners of interests in the test arrive.

Sheppard Bros. have set surface casing in their wildcat test in the northeast corner of the southeast quarter of the northeast quarter of section 17-11-20, and expect to make a test of the Nacatosh sand next week.

In Clark county McLarry and others of Greenville, Tex., have set surface casing in their J. G. Clark No. 1 in section 22-10-21, and drilling will be resumed next week. The road to this test has been graded during the week and the test is being watched with interest by other operators and scouts.

## OIL NEWS Outcome Of Three Shuler Tests Awaited

Special to the Gazette. 5-9-37

El Dorado, May 8.—Members of the oil fraternity in south Arkansas this week are awaiting further developments in the Shuler area west of El Dorado, in Union county where three deep test wells are being drilled to the Morgan sand at about the 5,560-foot level where production was encountered in the Edna Morgan well of the Lion Oil Refining Company.

In addition, persons interested in oil activities are watching operations in several other sections of south Arkansas where deep wildcat tests are being drilled. Two of the tests are being drilled in Union county and one in the western part of Ouachita county. Wildcat tests are also being planned in Hempstead, Clark, Dallas, Logan and Nevada counties.

Though wells in the Shuler area are not expected to reach the interesting stage for at least a week, field followers are watching with close interest drilling work on the three tests under way. The three wells in the area are in three separate stages of development.

### Justiss No. 1 at 4,000 Feet.

The Justiss No. 1 test of the Marine Oil Company in Section 18-18-17, a north off-set to the discovery well of the Lion Oil Refining Company, is drilling at the 4,000-foot level in shale and is expected to near the coring stage in about a week. The deeper the well gets, the slower the drilling operations are. When the well was started, the C. I. Roberts Drilling Company were reported to have made as much as 700 feet a day, but with deeper operations, drilling is necessarily slower. It is expected that coring will not be started until the test nears the Morgan sand.

It was reported here that the well is checking "high" as compared with the discovery and it was thought likely that the sand may be encountered at a higher level than in the Lion's discovery well. The Marine well is located 330 feet east and 330 feet north of the southwest corner of lot seven in the northwest quarter of Section 18-18-17. Morgan B1 at 2,800 Feet.

The second deepest well in the Shuler area is the Morgan B-1 test of the Lion Company, an east off-set to the discovery well. The well is drilling around 2,800 feet with the Delta Drilling Company in charge of operations.

An intermediate string of casing was set in the well last week-end and drilling operations resumed early this week. The Lion's well is located 330 feet east of the west line and 330 feet north of the south line of the northwest quarter of the southeast quarter of Section 18-18-17.

### Alice Sidney Spuds In.

The Alice Sidney Oil Company, Dr. J. S. Rushing, trustee, this week spudded in and set surface casing on its D. S. and J. C. Morgan No. 1 test half a mile east of the discovery well in Section 18-18-17. The company set 103 feet of 16-inch surface casing in the well

### Ouachita Operations.

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

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

The new test is the William Haynie No. 1 test of Clyde Cox, located in the center of the northwest quarter of the southeast quarter of the northeast quarter of section 5-14-20. Drilling operations were started on the test this week and the well is expected to be taken below 5,000 feet.

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

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

In Miller county Odell Hinson and associates are making plans to deepen the Montana Realty Company No. 1 test in section 3-17-28 which was abandoned some time ago. The well is expected to be taken to the lower Glen Rose formation. The well was abandoned at 5,293 feet.

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

### Permits Issued.

W. L. McClanahan obtained permit to drill the Capps Brothers No. 1 test located in the southwest corner of the southeast quarter of the southwest quarter of section 11-20-28 in Miller county. Frank F. Silver obtained permit to drill the Joseph Chambers estate No. 2 test located in the southwest quarter of the northeast quarter of the northwest quarter of section 17-2N-7W in Miller county.

W. E. Lokey, trustee, obtained permit to drill the Shepard-Purifoy No. 1 test located in the center of the northeast quarter of the northeast quarter of the northeast quarter of section 17-11-20 in Nevada county.

Benedum and Trees obtained permit to deepen the Groves Land and Timber Company No. 1 test located 170 feet north of the center of the north half of the southeast quarter of the northwest quarter of section 10-14-20 in Nevada county.

Earl Patterson obtained permits to plug and abandon five tests in Ouachita county. They are the Shirey C-1 located 200 feet north and 200 feet west of the southeast corner of the southeast quarter of the northeast quarter of section 35-15-17; the Shirey A-2 located 155 feet north and 155 feet east of the southwest corner of the southeast quarter of the northeast quarter of section 35-15-17; the Shirey B-2 located 200 feet north and 200 feet west of the southeast corner of the southwest quarter of the northwest quarter of section 36-15-17; the Shirey B-1 located 160 feet south and 160 feet west of the northeast corner of the southwest quarter of the northwest quarter of section 36-15-17 and the Shirey No. 1 located 160 feet south and 160 feet east of the northwest corner of the southwest quarter of the northwest quarter of section 36-15-17.

H. C. Detrick filed log of the Aaronson No. 1 test located in the center of the southwest quarter of the southeast quarter of the southwest quarter of section 3-18-16 in Union county.

The Lion Oil Refining Company and the Phillips Petroleum Company filed log of the deepened Edna Morgan No. 1 test located in the center of lot one in the southwest quarter of section 18-18-17 in Union county.

### New Producer Added to Field In Nevada County.

Special to the Gazette. 5-2-37

Prescott, May 1.—During the week one producer was added to the Waterloo field when Charley Steele and Bruce Wallace brought in their Junie Haynie No. 2 in the northeast quarter of the northwest quarter of section 6-14-20 from the Nacatosh sand at a depth of 1,200 feet. This test previously had been drilled to the Tokio sand at 2,200 feet and plugged back to the Nacatosh when no oil was found at the lower depth. The new well is good for 100 barrels of oil a day on the pump.

Benedum & Trees Oil Company is drilling at 3,500 feet in its Groves Land and Timber Company No. 1 on the north side of the northeast quarter of the northeast quarter of section 10-14-20. This was the discovery well in the new field and was good for 200 barrels of oil a day from the Tokio sand at









# Oil News

## Extension of Rodessa Area Is Apparent

Democrat 6-28-37  
Miller Well Flows by Heads-Lisbon Maintains Interest.

Shreveport, La. — Likely opening of a new producing area in DeSoto parish, favorable showing by a well which is trying to extend the Rodessa field into Arkansas, and continued strong interest shown in the new Lisbon field of Claiborne parish, stood out this week in north Louisiana's oil development.

The looming new field opener in DeSoto parish is Pullman Oil Co.'s (M. J. Grogan) Ramsey A-1, section 26-11-11, six miles south of the old Bull Bayou field, which showed for an estimated 500 - barrel oiler on drill stem test from 2,930-61 feet, total depth. The showing has been determined as Paluxy sand, which also produces in Bull Bayou. Although from the same sand, it is not being connected with this structure as there are several low dry holes between it and the well. Oil is 37.9 gravity.

Flowing by heads after treatment with 3,000 gallons of acid, W. L. McClanahan et al's Capps 1, section 11-20-28, Miller county, definitely loomed as an extender of the Rodessa field production two miles northward into Arkansas. Prior to treatment with acid, the well had been swabbing some oil in operations which have been under way since last Sunday. Total depth is 6,113 feet with location one-half mile north of the Louisiana line.

New interest developed this week in the Lisbon area of Claiborne parish with a half mile northeast extension by Gulf Refining Co.'s J. J. Henry No. 1, section 31-21-4, flowing 750 barrels in 24 hours through 1-4 inch choke, from 20 feet of pay from 5,193 to 5,213 feet.

North limits of the field, however, were apparently defined with T. L. James & Co.'s Baker No. 1, section 25-21-5, three-quarters mile outpost, drilling through or failing to find the pay zone. The well was coring on deeper to test possible lower formations after which Schlumberger test will be run.

Five locations were staked in the area last week which will try to extend the field's limits to the south. Eight miles southeast of the field, the Lincoln parish wild cat of Glassell & Glassell, Gray No. 1, section 16-20-3, was waiting orders at 5,620 feet, after failing to find show in the Lisbon level and 300 feet in the Travis Peak.

New wildcat operations in Red River and Tensas parishes got under way and drilling was resumed on a test in West Carrell parish, this week. On the south flank of the Hull Bayou field of Red River parish, Glassell & Whitehurst cemented surface casing in LeLong No. 1, section 25-12-11, a proposed 6,000-foot test.

Two new operations in the Sugar Creek area of Claiborne parish, where three oil producers have been completed from the top of the Travis Peak, are planned shortly. Northeast of Sugar Creek, M. R. Campbell and T. S. Walker are planning test in section 26-20-6, and Triangle Drilling company in section 29-20-5.

North of production in the shallow Converse area, Kirk-Green-Way, Inc.'s Whitney 1, section 8-9-13, Sabine parish, failure in the Glen Rose was drilling on below 6,000 feet toward the Travis Peak. George Greer et al. continued rigging up at Commercial Bank No. 1, section 9-1-8, Vernon parish wild cat.

The Rodessa field had an unusually quiet period this week, with only routine work reported. In the gas part of the field, R. W. Norton's Payne No. 1, section 27-23-16, continued to stretch the north Louisiana-Arkansas drilling depth record as he neared 11,000 feet as the week closed.

Oil production on the east side of the Bethany gas area of Caddo parish from the Tokio sand was apparently proven last week at Calatex Oil Gas Co.'s W. C. Agurs A-3, on the line of section 6 and 7-16-16. Bottomed at 2,483 feet, the well has been placed on the pump, showing estimated 30 barrels oil daily. The company is planning a series of new wells.

### 14 Operations in Shuler.

The new Shuler field of Union county, Ark., added its fourth oil producer last week at Lion Oil Refining Co.'s Morgan B-1, section 18-18-17, southeast of the discovery, but was killed a couple of days later and the bottom of the hole plugged after it began to show salt water with its production. Completed from sand in which casing was perforated from 5,797-5,826 feet, the well was making 70 barrels of oil and 30 barrels of salt water per hour through 1/2-inch choke. It was due to be re-tested during the week-end.

There were 14 active operations underway as the week closed, in the field. Deepest of these was Alice Sidney Oil Co.'s Powledge 1, section 7-18-7, one-half mile north of production.

East of Shuler, also in Union county, Mid-Continent Pet. Co. is busy assembling a block on a recently "shot" high around section 19-18-16. Centering around section 12-19-16, Grimes Bros. of El Dorado, have taken over the block formerly owned by V. V. Bull et al. and plan to deepen the S. L. Robbins No. 1, section 12, which has surface pipe set.

In Ashley county, Howard W. Morris has a 10,000-acre block southeast of Hamburg in township 18 and 19, range 4, on which a test is planned. In Chicot county, southeastern corner of state, E. C. Montgomery is taking a block around township 19, range 1w.

In the recently opened Troy field of Nevada county, Benedum & Trees Oil Co. was plugging its Groves No. 1, section 10-14-20 to the pay level of the field after going to 6,147 feet in anhydrite. The well, with elevation of 353 feet, hit top of the big lime at 5,144 feet, base at 5,394 feet and top of rock salt at 5,510 feet.

In Hempstead, E. H. Moore, Inc., abandoned Porterfield 1, section 21-14-25 at 4,515 feet. Some operator's Dale 2, section 24-14-26, Miller county deep test, was at 6,855 feet. Standard of Louisiana's Harvey No. 1, section 33-16-26, in Miller, was at 4,976 feet with top of anhydrite logged at 4,908 feet.

North Louisiana's daily average oil yield this week increased 3,077 barrels, contributed mostly by the new Lisbon field of Claiborne and Lincoln parishes, which went to 12,725 barrels daily. Arkansas's daily average yield was 28,597 barrels, an increase of 217 barrels over the previous week.

The daily average in Arkansas districts for the week follows:  
El Dorado, 1,533; Calion, light, 1,415; Calion, heavy, 1,735; Smackover, light 2,328; Smackover, heavy, 16,864; Lisbon, 281; Nevada, 1,322; Stephens, 580; Miller, 702; Shuler, 1,835; and Camden, 12.

### Gazette 1-27-37 INCORPORATION MATTERS.

The Southwestern Telephone Workers Union of Oklahoma filed notice of entrance into Arkansas at Secretary of State C. G. Hall's office yesterday. Mrs. Lena Trimble of Little Rock was named resident agent, and the Little Rock Y. M. C. A. was shown as the union's principle place of business in Arkansas. Employees of the Southwestern Bell Telephone Company here said last night the organization is a company union of the Southwestern Bell company.

Two domestic companies filed articles of incorporation yesterday as follows:

Reed Oil Company Inc. of Rogers, Benton county, naming Jess Eoff resident agent and showing \$5,000 as capital with which the firm will begin business. Incorporators were listed as Jack Reed of Fayetteville and E. G. Sharp and Jeff Duty of Rogers.

Clear Creek Industry Inc. of Everton, Boone county, naming Joseph Migliore of Everton, resident agent and showing \$2,000 as capital with which the firm will begin business. Incorporators were listed as Joseph, Roscoe C. and Willie Migliore, all of Everton.

The Ozark Land and Timber Company of Russellville filed notice of dissolution. N. G. Saeyer of Asheville, N. C., was shown as president and D. T. Cotton of Leslie, secretary.

The Texas-Canadian Oil Company, Ltd. of the Bahama Islands filed notice of entrance in Arkansas, naming Jeff Davis of El Dorado resident agent and showing \$40,000 worth of property as owned by the company in the state.

The Union Bridge and Construction Company of Delaware filed notice of withdrawal from the state.