

New Test Well to Be Drilled In Columbia County.

Special to the Gazette. **9-24-37**
Magnolia, Sept. 23.—Oil men announced here today that Kerlyn-Lynn Oil Company of Oklahoma City is moving machinery and other equipment to the Barnett lease, six miles east of Magnolia and will start the Talbert test as soon as machinery is set up. The test, in 14-17-20, calls for 6,300 feet.

The Village test, in 24-17-19, on the Crumpler lease, being drilled by the Seaboard & Tidewater Oil Company, is down more than 2,000 feet.

Standard May Bring In Oil Well In Columbia County.

Special to the Gazette. **10-11-37**
Magnolia, Oct. 10.—A drill stem test last night of Standard Oil Company's well in 8-16-22, 10 miles northwest of Magnolia, indicated a producer of about 500 barrels of oil daily, according to reports received in Magnolia. The hole is down 7,200 feet, and is about 20 miles from production. There was much excitement here today, and several hundred persons visited the well.

Columbia County Has Oil Boom

Special to the Gazette. **10-13-37**
Magnolia, Oct. 12.—The Standard Oil Company's McKean Number 1, in 8-16-22, western part of Columbia County, which blew about 90 feet of derrick while a drill stem test was being made Saturday midnight, is estimated as a producer of between 1,000 and 2,000 barrels daily.

The well is now a little over 7,200 feet down and oil is standing from 16 to 200 feet in the hole.

Casing was placed on the ground last night.

Trading in leases and royalties is increasing, with prices soaring. Magnolia, Waldo, Buckner and Stamps are crowded with strangers. Townspeople are assisting hotels in caring for the crowds. Restaurants are doing a thriving business and abstract offices are working overtime.

Columbia County is taking on the appearance of a real oil field. One test three miles west of Magnolia in 4-17-21, has spudded in and is being drilled by Olds. Another on Barnett lease, six miles east of Magnolia, and a third on the Crumpler lease, 15 miles east, are being watched with interest.

Plug Drilled in Test Oil Well In Columbia County.

Special to the Gazette. **10-19-37**
Magnolia, Oct. 18.—The plug in the Standard Oil Company's McKean No. 1 test oil well, in 8-16-22, Columbia county, was drilled today, and the test is expected to be completed tomorrow. Three tanks have been erected.

I placed this on the side of my two horse Spaulding hack and parked near the speaker's stand. A Gazette hiredley, 22 miles south of Stamps in Lafayette county, which practically has been pumped out, hardly counted. It was not even in the class with the Stephens pool, the first to be opened in the state, or the Waterloo pool in Nevada county, about 10 miles north of Waldo. Dozens of dry holes have been drilled. Hopes have risen and fallen. But never have residents of this area had stronger justification for their hopes than the showing at the Standard's test.

Stamps, Buckner, Waldo and Magnolia, Oct. 16.—Your correspondent admits that there is no authority in the style book for such a date line as this, but pleads the law of self-preservation as justification for this bit of journalistic unorthodoxy. This article is about a deep test that promises to open a new oil field in south Arkansas. He would take his life in his hands if he should attempt to say which of the nearby towns is entitled to recognition as headquarters for the potential field. Your correspondent prefers to play safe and recognize all the rivals for the spotlight of oil interest now turned in this direction. It might not be a bad idea to include El Dorado, Camden, Stephens, Lewisville, Hope and Prescott. Shreveport will edge in without outside assistance.

Rumors Fill the Air.
The sky was dark with rumors, and a steady downpour of rain which made young fish ponds of the holes in Highway 82 between Stamps and Magnolia kept all but a few thousand hardy souls from jumping into their cars and rushing pell mell to the location of Standard of Louisiana McKean No. 1, in 7-16-22, to learn first-hand which of the thousand and one rumors was truth.

The test is located about a mile east of Buckner and 110 yards from Highway 82 at the end of a corduroy road that is just a little smoother than the neglected stretches of gravel that must be navigated to reach it. It also is located five miles east of Stamps, seven miles west of Waldo and 15 miles northwest of Magnolia. These are highway distances, computed horizontally, and not including the uncharted chug-hole ups-and-downs.

The oil showing responsible for the wave of rumors which set the countryside on its collective ear was encountered a week ago while cores were being taken in a lime formation below 7,200 feet. Strong oil saturation in the cores prompted a drill stem test, which was made last Sunday.

The test was witnessed by a small but appreciative audience. When the drill stem, with packer and choke attachment, was set down on the bottom of the hole, enough pressure was generated to force out a stream of water, mud and oil. The onlookers went wild. Like Paul Revere, they mounted their steeds and spread the news that a "gusher" was coming.

News Spreads Rapidly.
At Stamps, the report was that the well had been drilled in, and was flowing at the rate of 1,000 to 1,500 barrels of oil a day. At Hope, it was said that the well had blown in with the drill stem in the hole and was running wild. At Magnolia, report had it that the well had been drilled in and tested and was good for 500 barrels a day.

In spite of bad roads and an all-day rain Wednesday, hundreds have visited the well during the week. Most of the visitors probably were disappointed when they approached the derrick and saw the drilling crew still at work, and with no sign of a gusher or of the "Christmas tree" valves through which gushers gush and new pumps are sometimes pumped.

It Won't Be Long Now.
Bit by bit the truth was learned. Today, it is pretty generally known that while there was a most promising showing when the drill stem test was made, it was only a preliminary to the thorough testing that can be made only when casing has been set, the plug drilled, the hole bailed dry and the rest of the "drilling in" process completed.

The job of setting casing was practically complete today. The four-inch drill stem was first broken down, since it will be necessary to use three-inch drill stem inside the seven-inch casing which was set at 7,200 feet. In about a week, the plug will be drilled, and a few days thereafter the world will know whether Columbia county is to have an oil field.

Oil and lease buyers seem confident that the McKean well will be a commercial producer. A drill stem test gives a fairly accurate indication of what to expect. The fact that the showing encountered was sufficient to justify the setting of 7,200 feet of casing evidences the Standard's confidence that it has something. That something will be something for the entire area between the Shuler, Union county field, and the Miller county extension of the Rodessa field if it means production from either the colitic or Permian lime.

Have Been Waiting for Years.
Columbia and Lafayette counties have waited since 1919 for discovery of a real oil pool. The small pool at Braden, 22 miles south of Stamps in Lafayette county, which practically has been pumped out, hardly counted. It was not even in the class with the Stephens pool, the first to be opened in the state, or the Waterloo pool in Nevada county, about 10 miles north of Waldo. Dozens of dry holes have been drilled. Hopes have risen and fallen. But never have residents of this area had stronger justification for their hopes than the showing at the Standard's test.

"To sell or not to sell," however, is a problem to stump any landowner in the large area affected by the Standard test. To sell before the final test is made means that the landowner must take less than he would be able to get if the well is a producer. If it is dry hole, the landowner who holds out for higher prices may get nothing.

Most Landowners Play Safe.
Most of the landowners know enough about hazards of the oil business to play safe. Sell some and gamble on some, is the only safe formula for a farmer who has no way of learning all about oil structures, and who cannot afford to gamble for high stakes. There are few landowners who are unwilling to part with a part of their royalties, at reasonable prices, in order to play safe and come out ahead of the game. Consequently, trading was brisk all this week.

All Nearby Towns Benefit.
The lobby of the Columbia hotel in Magnolia is jammed with traders poring over maps and dickerings with landowners. Several promoters are attempting to work up new drilling blocks between the Buckner well and the

Shuler field, in the hope that the lime strata which overlie the "basement floor" of the geologic gulf basin may be productive throughout this area. Magnolia looks very much like an oil boom town.

The effect on Stamps is probably even more pronounced. The big mill of the Bodcaw Lumber Company was closed about three years ago, and although Stamps is located in a good truck and melon growing area, loss of the big sawmill pay roll was a severe blow. The Buchanans, Cabes, Brownes and other Bodcaw Lumber Company owners have retained their extensive real estate holding in Stamps, and most of the cut-over lands in four counties which supplied the Stamps mill with timber. Stamps had settled down to the task of building up its agricultural assets to make up for loss of the sawmill, but the promise of an old field transcends at present all other interests.

Waldo already enjoys to some extent the trade benefits of an oil field town. The Finches, pioneer Waldo merchants, own land in the Benedum & Tree field of Nevada county, which was opened a year ago. The Watermarks of Waldo own land in the Waterloo field, and most of the royalty owners in both fields do part of their trading at Waldo. But the town never has known anything like the boom it would experience if a deep pool of high gravity oil should be opened.

Lease Trading Brings Cash.
While awaiting the outcome of the Standard's McKean test, and the start of the boom that would follow if the well is a producer, Stamps, Buckner, Waldo and Magnolia are enjoying the flurry of trading in leases and royalties, which is putting thousands of dollars into the pockets of landowners, and the influx of traders and sightseers who stay at the hotels and spend money with local merchants.

Few business men in either town, however, are too busy to sympathize with visitors who complain of the condition of Highway 82, and to join in the refrain that something should be done about it.

Columbia Gets In the Game

County Excited Over Oil Strike—Another Test Hits the Sand.

Magnolia—Tuesday or Wednesday has been set for the test on the McKean No. 1 well in Columbia county near Buckner, in section 8-16-22, being drilled by the Standard Oil Co. The well spouted oil Saturday night, Oct. 9.

Seven-inch casing has been set and the five days for cement to be ready dates to Tuesday or Wednesday. Oil stood in the drill stem pipe, from 1,600 to 2,000 feet.

This well is down 7,204 feet. It is said by all oil men, including the operators, to be an oil well, but it cannot be determined how great or small until brought in. Estimates are that it will be a 1,600 barrel producer. It blew mud and oil 90 feet up the derrick during a drill stem test. It was closed at once.

There was excitement over the Crumpler No. 1 well, 12 miles east of here Saturday night, in section 27-17-19, when the Shuler sand was struck. The Seaboard and Tidewater Oil Co. was coring Saturday afternoon. This well is down between 5,300 and 5,400 feet. It is checking higher than the Shuler structure in Union county.

Barnett No. 1, six miles east, in 13-17-20, is drilling at 2,200 feet. It is being drilled by Kerr-Lynn Company. Its contract depth is 6,300 feet. Mary B. Dennis No. 1, in 4-17-21, three miles northwest of Magnolia, owned by E. O. Olds, is down 1,500 feet.

The McNeil test, started last summer in section 11-16-21, six miles north of Magnolia, is shut down for the present but machinery is still on the ground and drilling is expected to be resumed later.

Royalties within a mile of the McKean No. 1 sold for \$300 per acre, base; six miles east of town, \$150 per acre base. Leases near the A. and M. college, two miles northeast of town are selling for \$10 per acre.

The soaring prices and increasing interest keep the towns along highway No. 82 crowded with cars and people. Investors are here from a number of states.

McKean No. 1 Shut Down For Night Due to Gas Accumulation.

Special to the Gazette. **10-20-37**
Magnolia, Oct. 19.—After the plug had been drilled through and swabbing begun, the McKean No. 1 well was shut down for the night by operators tonight. The drillers feared an accumulation of gas in the low area about the well. Operations will be resumed tomorrow morning.

Swabbing Continues At McKean Well

Gazette 10-22-37

Special to the Gazette. **10-21-37**
Magnolia, Oct. 21.—The Standard's McKean No. 1 well, in the northwestern part of Columbia county, still was swabbing late today, after beginning at 8 a. m., following a flow of 154 barrels during a 12-hour period last night through a half-inch choke.

It was said this afternoon that the well is good for 300 to 500 barrels a day, but the operators hope to increase the flow by continued swabbing. The gas pressure had increased to 350 this afternoon from 275 yesterday.

Trading still is active with prices high, even within two miles of the well. The test is 7,204 feet deep. Two tanks have been completed, and the oil is being run into them. A flare several yards away takes care of the escaping gas from the piping.

Shuler Area Lands Involved In Suits at El Dorado.

Special to the Gazette. **10-21-37**
El Dorado, Oct. 21.—The second suit filed in El Dorado courts in the past few weeks contesting ownership of land in the rich Shuler oil field area west of El Dorado, is under way in Chancery Court here. Involved are one plaintiff, seven defendants and 28 cross-defendants.

The case pending is that of Mrs. Edna Morgan against Mrs. Georgia Morgan Jones and others. Judge Walker Smith of Magnolia is presiding in the absence of Judge George M. LeCroy, who is ill. The first suit, filed several weeks ago in United States District Court here, concerns Arrendale property in the Shuler area, and is scheduled to be tried October 25.

The Chancery Court suit involves 173 acres between the Lion Oil Refining Company's discovery well and the recent deep test of Jones, Murphy & Hurley. There is a producing well on the land and other tests are being drilled.

The suit is between heirs of the late Augustus T. Morgan, who died in 1897, and Sophronia Morgan, his wife, who died in 1899. Mrs. Edna Morgan, widow of A. T. Morgan Jr., brought the suit to cancel the contract between Mrs. Georgia Morgan Jones, J. B. Jones, John Lee Morgan, Maude Morgan, Harold Morgan, Mollie Nesbit Jones and William P. Ford.

Ralph Bellamy Has Interest In Columbia County Well.

Special to the Gazette. **10-23-37**
Magnolia, Oct. 22.—One of the notables in Magnolia with interest in holdings near the McKean No. 1 oil well and in other points in this section, is Ralph Bellamy, movie star from Hollywood. He was at the well yesterday and today watching its development.

The well was swabbed early today and then allowed to flow while waiting orders from headquarters. The flow was 15 barrels an hour with an increased gas pressure from 365 late yesterday to 480 today.

McKean Drillers To Core Deeper

Democrat 10-24-37

Magnolia—Late reports from the McKean No. 1 Saturday were that tubing was being pulled and another core was to be taken at a deeper depth.

After two swabbings early Saturday, the well made a head for 18 minutes and flowed 50 or 60 barrels. It is nine and one-half feet into the deep lime formation.

The depth of the lime stratum cannot be determined in this new area.

There is considerable interest in three other tests being drilled in the county. Crumpler No. 1 at Village, Barnett No. 1, six miles east of town, and the Mary B. Dennis, No. 1, three miles west of town.

None is at a depth where development is expected but structures are reported favorable.

Another Core to Be Taken In Oil Test Near Magnolia.

Special to the Gazette. **10-24-37**
Magnolia, Oct. 23.—At the McKean No. 1 well this afternoon the tubing was being pulled and another core will be taken at a greater depth. After two swabs early today, the well made a head and flowed 50 or 60 barrels. It is 9 1-2 feet in the deep lime foundation. The complete depth of the lime strata has not been determined.

There is considerable interest in the three other tests being drilled in Columbia county, the Crumpler No. 1 at Village, the Barnett No. 1, six miles east of here, and the Mary B. Dennis No. 1, three miles west of Magnolia.

McKean No. 1 Flowing 18 Barrels Hourly

Gazette 10-22-37

Special to the Gazette. **10-27-37**
Magnolia, Oct. 26.—McKean No. 1 began a steady flow at approximately 18 barrels an hour or 432 barrels a day today, culminating a week of swabbing and cleaning in which flowage was expected hourly.

Drilling 10 feet deeper yesterday and making two swabs today, workmen reported the well made a fine head for 18 minutes. After further checking, the well was allowed to flow. After three hours an increasing gas pressure was still noted, causing oil men to predict the well will show 750 barrels per day by tomorrow night.

The best banking day in the history of Magnolia was reported today, and interest heightened in four other deep tests in the county, now approaching producing sands.

Democrat 10-27-37 McKean Well Shows 18 Barrels a Day

Magnolia — Following a week of swabbing and cleaning in which flowage was expected hourly, McKean No. 1 began a steady flow yesterday at approximately 18 barrels an hour, or 432 barrels a day. Workmen reported the well made a fine head for 18 minutes yesterday after they had drilled 10 feet deeper and made two swabs. The well was allowed to flow after further checking. An increasing gas pressure was still noted after three hours, causing oil men to predict the well will show 750 barrels a day by tonight.

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Expansion in Shreveport Area Noted During Week.

Special to the Gazette. **10-31-37**
Shreveport, La., Oct. 30.—Activity this week in the Shreveport territory continued at an active pace with interest shifting back and forth in several districts and wildcats, and an expansion of development reported in several areas.

The new discovery in Columbia county, of Standard of La. at McKean No. 1, section 8-16-22, near Buckner, which deepened 10 feet to 7,214 feet, was re-completed flowing 16 barrels of 33.9 gravity crude hourly through open tubing, to brighten prospects of the area as an important strike from the Permian line. No new locations have been announced, however.

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McKean No. 1 to Be Permitted Free Flow Monday.

Special to the Gazette. **11-13-37**

Magnolia, Nov. 12.—The Standard's McKean No. 1, in 8-16-22, Columbia county, was plugged back this afternoon about 10 feet above the seepy salt water discovered at the bottom of the 111-foot formation of producing Permian lime. It will be allowed to flow Monday afternoon, W. J. McKean, owner of the land on which the well is located, said today.

Mr. McKean said the well, considered completed after a long period of experimentation, should flow from 1,000 to 2,500 barrels daily. When the flow was cut off at 55 feet in the Permian lime, it was flowing about 500 barrels. The lower 56 feet, drilled at intervals, was found to be saturated to the bottom with oil and gas showings.

The Standard drilled to 111 feet to obtain a guide in future drillings.

Crumpler No. 1 at Village is down about 7,100 feet, and 150 feet deeper is expected to reach the McKean production depth. The Barnett No. 1 by Kerr Lynn Company is reaching the upper Shuler producing sand around 5,400 feet and is checking high. A good showing was reported today. E. F. Olds, driller of the Dennis No. 1, two miles northwest of Magnolia has set heavier machinery for a deeper test than the first contract and will drill to the McKean depth if necessary. Drilling was resumed today at around 4,000.

Democrat 11-25-37 Standard's McKean No. 1 Appears to Be Producer

Magnolia (P)—The McKean No. 1 test of the Standard Oil Company, near Buckner, appeared a producer from the 7,250-foot level today. Acidized Tuesday, the well has been making 50 barrels an hour through a quarter-inch choke with one per cent basic sediment.

MOST OF COUNTY UNDER LEASE IN DRILLING BLOCKS

Gazette 12-5-37

Cash Comes In As Work Spreads.

Hundreds of thousands of dollars have been invested in Columbia county leases and royalties in the last few weeks on the strength of discovery of a prolific oil-bearing lime formation at total depth of 7,200 feet in the McKean No. 1 well of the Standard of Louisiana, between Waldo and Buckner, and of deep tests drilling in other sections of the county. Virtually the entire county seems assured a part in the exploration campaign now under way.

During the past week, as acidization of the lime increased the potential production of the McKean well to real gusher proportions, there has been an enormous increase in trading. Magnolia has been visited by many buyers, both private investors and representatives of most of the major oil companies. They are convinced that a big oil pool has been opened and that there is a strong possibility that others will be tapped in the county.

Royalty Sales Put Landowners 'On Velvet.'

Most of the county is already under lease, but landowners retaining royalty rights are in position to receive some good hard cash from investors who know that where there is oil activity, especially in an area as promising as this, there is always money to be made. Farmers generally sell a part of their royalty interest in order to get on the velvet. Such sales, with leases also changing hands in profit-taking, constitute the trading which have made Magnolia one of the hottest spots on the oil industry's maps at present.

One man is reported already to have cashed in for more than \$100,000 on his holdings. Another refused \$10,000 for an interest for which he paid \$800 a few weeks ago. Mayor L. A. Longino, hotel owner and dealer in oil and gas properties, estimates that close to a million dollars has already been invested.

Favorable Geology Explains Interest.

Ralph Dudley, another pioneer in Columbia county oil activities, and investment dealer, explains that one of the reasons for the big demand for oil and gas leases in other sections of the county than the area immediately adjacent to the McKean well is the general knowledge that the entire county has been shot by seismograph crews, and that the results have been highly favorable for oil accumulations.

Every oil producer in the country longs for production from "the big lime." Wells completed in this formation are long-time producers. Although it is usually necessary to treat it with acid in order to make it more porous and increase the oil flow into the well, as has been done on the McKean well, the lime holds up longer than the shales and sands and does not cause as much difficulty in production.

Many Other Tests Are Assured.

On the strength of the showing in the seismographic survey of Columbia county, 11 drilling blocks have already been purchased by oil companies. Freeman Burford, the biggest operator in the Miller county extension of the Rodessa field, owns a block. The Standard of Louisiana owns three. Companies that have never before operated in Arkansas own acreage in several of the blocks. One big independent who heretofore has confined his interests to Oklahoma, Kansas and California fields, had a buyer in Magnolia this week as news of the increasing potentiality of the McKean well ran like wildfire through the ranks of the industry.

Among the wells now drilling, a deep test is going down in the Columbia county end of the shallow Stephens field, where in 1921 the county got its first oil production and Magnolia its

first taste of the prosperity that follows an oil discovery. A strike there or between Magnolia and the Shuler field would signify an almost county-wide productivity.

Drilling Pay Rolls Are Larger.

This "big lime" production means more to a city so fortunately situated as is Magnolia than did the shallow production of yesteryear to the "boom towns" of the era. In 1919 a 3,500-foot test drilled in Columbia county was a "deep test." Wells in proven fields could be drilled then in a week, and at a cost in some cases as low as \$8,000 or \$10,000. The cost of a 7,500-foot well runs well into six figures and provides work—and high wages—for drilling crews for several weeks.

The oil industry has a higher wage scale than any other large industry. Its workers are good spenders. With the bright prospect facing Columbia county operators Magnolia may justly anticipate an industrial pay roll that will build a large city.

The forecast for Magnolia and for those who are getting in on the ground floor of her boom, is economic fair weather, with fortune shining and assured prosperity.

Oil Locations Made Near McKean No. 1

Magnolia—With this city already experiencing an oil boom, three new locations have been made by the Standard Oil Company of Louisiana near the McKean No. 1, in Columbia and Lafayette counties.

The first test will be drilled on the D. E. Thomas lease, a half-mile north of east of the original discovery well, in 8-16-22. The second is on the Bodcaw Lumber Company lease in 17-16-22, three-quarters of a mile south of the McKean, and the third test will be drilled on the Tatum land, in 18-16-22, three-quarters of a mile from the producer.

Because of increased operations in this area, Standard Oil has purchased the Kohn hotel on West Main street as headquarters for company employees. Several new businesses will open here this month, including a new theater. With many new buildings under construction in the residential sections, rent prices are soaring.

Three Tests Planned Near McKean No. 1

1-4-38

Special to the Gazette.

Magnolia, Jan. 3.—Three locations have been made by the Standard Oil Company of Louisiana near the McKean No. 1 in Columbia and Lafayette counties. The first test will be drilled on the D. E. Thomas lease, a half-mile north of east of the original discovery well, in 8-16-22. The second location is on the Bodcaw Lumber Company lease in 17-16-22, three-quarters of a mile south of the McKean, and the third test will be drilled on the Tatum land, in 18-16-22, three-quarters of a mile from the producer.

Magnolia Prosperous.

The Kohn hotel on West Main street has been bought by the Standard Oil Company for headquarters of employees. Several new businesses will open in Magnolia this month. A new theater also is planned. Many new buildings are under construction in the residential sections, and rent prices are soaring.

Drilling to Start at Once On Well Near Magnolia.

1-8-38

Special to the Gazette.

Magnolia, Jan. 7.—The Kerr-Lynn Oil Company has resumed work on the Barnett well in 14-17-20 east of Magnolia. The derrick has been strengthened. Several days were required to remove the dirt which caved into the well during the period of inactivity. It is believed by operators that 6,200 feet will be reached by the end of week and drilling on the 7,700-foot test will begin.

Drilling Spurt Buckner Field In the Offing

Democrat 1-9-38
Well About to Spud In, Locations Made, Business Booms.

Stamps—With one big producer a reality, another well about to "spud in," material arriving for two more rigs, and five other locations tentatively decided upon, the Stamps-Buckner oil area is seething with activity.

The McKean No. 1, discovery well in section 8-16-22, in the extreme eastern part of Columbia county, produced two hundred barrels per hour. Since then production has been limited by a three-sixteenth-inch choke to 20 barrels per hour until arrangements can be made for storing and moving.

Lyons and Neeleys, Lillian Taubel No. 1, on the H. L. Tatum land, sec. 4, ne. 4, section 18-16-22, Lafayette county, has completed derrick and will spud in early in the week. This well is three-fourths of a mile south-west of the McKean No. 1.

Standard Oil Company will have two more rigs on location as soon as roads now under construction are completed to sites on the nw 4 of the 1e4, section 8-16-22, and on the sw 4 of the nw 4, section 17-16-22. Several other locations are to be announced soon.

In the town of Stamps, two miles west of Buckner, excitement is running high and rumors have it that more locations are to be made soon. The Ohio Oil Company has assembled a large block south of town and many other large and independent companies have blocks in this area. One of the main reasons for interest in this field is the fact that the oil is a high grade lubricating stock.

Stamps and Buckner have received a welcome impetus in business. Stores and offices are being built or improved.

Cecil Kelly of Plain Dealing, La., has rented the old bank of Stamps building in which he will open an electric refrigeration agency. The Sinclair Oil Company has purchased a lot on highway 82 for the erection of a new service station. A. O. Smith is building a new house for rental purposes, and many residences have been modernized and owners are renting apartments.

H. F. Raley's radio shop has been moved to his home because of shortage of rental space downtown.

In Buckner, N. L. Eddy is building a new brick building for his hardware business. The postoffice will move into the building now occupied by the Eddy Hardware Company. The Dorcheat Co., Inc., dealing in leases and royalties, is fitting up more commodious offices in the old postoffice building. Cooper Land, an attorney, who recently established here, will occupy the offices not used by the Dorcheat company.

Oil Men Crowd Magnolia Areas

Democrat 1-21-38

Magnolia—Oil activities in the last week have climbed to a new high pitch, with the town unusually full of oil men from major companies. The visitors include scouts and executives of companies.

The Barnett well of the Kerr-Lynn Oil Company east of town, has held the spotlight for the past few days. Drillers are coring at a depth of around 7,200 to 7,300 feet. A large crowd of oil scouts have been on the well all the week. The well is being drilled "tight" and information regarding the formation is meager. However, some oil men say that everything looks favorable for a producer.

The Taubel well, being drilled by Lyon and Neely of Shreveport, is located just across the county line in Lafayette county, on land owned by H. L. Taton in the center of the se of nw of 18-16-22. Operators are drilling at about 3,000 feet, after setting second string of casing at about 2,100. This well is located a short distance from the Standard's discovery at McKean No. 1, which is producing daily.

Roads are being built to the two locations made by the Standard on the Columbia county side of the creek. One will be the D. E. Thomas Estate No. 1, in nw of se of 8-16-22 and the other the Bodcaw Lumber Co. No. 1 in center of sw of nw of 17-16-22. It is necessary for roads to be built with lumber to the locations to hold up the heavy machinery used in drilling. The town is crowded and rooms are hard to find.

The outcome of the Barnett well will be known in the next few days and should it be a producer it will almost prove the entire county, from

'Also see Lafayette County for Buckner Field.

McKean well on the west to the Schuler field of Union county, east of here.

Dennis No. 1 of E. O. Olds is shut down at about 4,500 feet. It is reported that operations will be resumed in a few days.

It is reported that the Standard has made location in 17-17-20 for a test, but nothing official can be learned regarding this.

Oil Strike Results in Prosperity at Waldo

Magnolia—Due to the recent oil discovery in the McKean No. 1 well west of Waldo, the town of Waldo is in the midst of the largest building boom in its history. Not only are homes being built in the corporation, but many farmers around Waldo are constructing new homes, financed by the lease and royalty money they have been paid in recent months.

The Crow Drilling Company, contractors for the Standard Oil Co. on the D. E. Thomas No. 1 and the Bodcaw Lumber Co. No. 1, has begun work on a camp about one and a half miles west of Waldo, on highway 82, on the L. E. Davis farm. Mr. Crow, superintendent of the company, recently moved his family to Waldo and they occupy one of the new homes completed by Travis Jackson of baseball fame, who is a native son of Waldo.

All employees who worked on the McKean well have returned to Waldo. They were transferred to Rodessa, La., shortly after completion of the discovery well.

Magnolia Has Record Day In Oil Trading

2-6-38

Special to the Gazette.

Magnolia, Feb. 5.—Trading in leases and royalties in the area of the Barnett well, six miles east of Magnolia, just off Highway 82 in 14-17-20, reached its peak today when between \$25,000 and \$50,000 was spent in a few hours after the drill stem, hung for several days, was loosened by circulating with a great quantity of oil.

A portion of the drill stem has been raised and it is believed there will be little difficulty in removing the entire drill stem. The drilling had reached 39 feet in the Permian lime, reported to be tight with some indications of a porous condition and an odor of gas.

Royalties were bringing a \$125 base and more. All of the officials of the Kerr-Lynn Company are on the ground watching developments. Operators are very optimistic. It is reported that major companies are doing the greater part of the buying.

Oil Sand Cored in Barnett-No. 1 Near Magnolia.

2-7-38

Special to the Gazette.

Magnolia, Feb. 6.—Operators at the Barnett No. 1 well of the Kerr-Lynn Oil Company in 14-17-20, cored eight and a half feet of oil saturated sand in the lime formation last night. Two feet of gas sand was encountered just above the oil sand, it was said. The well is down 7,670 feet. Casing was being taken to the test tonight and will be set immediately.

Columbia Well Hits Oil Lime

Eight Feet of Saturation Reported in Barnett No. 1 Test.

Democrat 2-7-38

Magnolia—Operators at the Barnett No. 1 test well, east of Magnolia, cored eight and a half feet of saturation in a lime formation Saturday night, after loosening the drill stem which had been stuck for several days. Total depth is approximately 7,670 feet.

About two feet of gas sand was encountered just above the oil sand. Casing was being hauled to the well today and will be set. A good producing well is expected.

The town is overflowing with oil scouts and others were arriving hourly. Prices on leases have soared to \$250 per acre some distance from the well. The greatest trading in the history of the oil business in the county was done Saturday, with many landowners refusing handsome sums for mineral rights on

land that could have been purchased several months ago for almost nothing.

When the well is completed, oil men say that Columbia county will see the greatest drilling campaign that has ever occurred in wildcat history. With the newly discovered

Magnolia Overrun With Oil Scouts

Democrat 2-9-38

Magnolia—Operators at the Barnett No. 1 of the Kerr-Lynn Oil Company began setting casing Tuesday. Trading is at its peak with many major companies as well as individuals buying. The town is crowded and rooms and apartments are at a premium. Operators will complete the job of setting casing in a few days.

The rig which was used in drilling the Mary Dennis No. 1 of E. O. Olds and associates in section 4-17-21, is being torn down and moved to a location in Cleveland county. Operators drilled this well to a depth of 4,516 feet. No show of oil was encountered.

The rig used in drilling the Runyon No. 1 of Robert Keen, near McNeil is being moved also. This well was abandoned at about 1,100 feet.

In the western part of the county, near the McKean discovery well, the Standard is drilling at about 3,500 feet in its Bodcaw No. 1. Surface casing has been set in the D. E. Thomas Estate No. 1. These two wells are located in Columbia county. The Tatum No. 1 of Lyons and Neeley is located in the edge of Lafayette county. The latter well is drilling at about 5,500 feet.

Leasing and royalty buying is being carried on a large scale over the entire county. Magnolia is taking on an oil town appearance as scouts and operators are working out of here, except for a few who are located at Waldo.

Casing Set In Test East Of Magnolia

2-10-38

Special to the Gazette.

Magnolia, Feb. 9.—Casing was being set today in the Barnett No. 1, the Kerr-Lynn Oil Company's wildcat test six miles east of Magnolia, in 14-17-20, at a depth of 7,664 feet, with six feet of porous oolitic lime. The well is saturated with oil and gas at the bottom, it was said. The setting of casing is expected to be completed by morning.

The casing hung an hour today 1,600 feet down, when the drill stem has hung several times. The lime formation is 46 feet thick. Dense barren lime was encountered before the last six feet of a fine saturation was reached, Dean McGee, vice president and chief geologist of Kerr-Lynn, said. After the casing is set it will require seven days for the cement to set and then five days more to complete preparations for bringing in the well.

Trading in leases is active, and oil men are here from many states. This test is between the McKean discovery well in the western part of Columbia county and the rich Shuler field just over the line in Union county.

Barnett Well Hung Up Again At 7,000 Feet

2-12-38

Special to the Gazette.

Magnolia, Feb. 11.—Casing in the Barnett No. 1 test became hung today between 600 and 700 feet from the bottom of the well, total depth of which is 7,664. Unable to release it, operators cemented the casing and will drill the plug in about 72 hours, using a smaller casing to the bottom of the hole for the final test.

The casing was hung for an hour at about 1,600 feet down, but was released soon and no more trouble was experienced until the deep hang-up.

Standard to Make New Test.

The Standard Oil Co. has made location for the W. P. Phillips No. 1, deep test, 660 feet north and west of the center of section 15-17-19, and about three-quarters of a mile west of the town of Village, not far from Tide-water's test abandoned recently near the lime formation because of bit trouble.

The Standard has been surveying in the vicinity of the Barnett well but will wait until the Barnett is completed to determine the new location. Other locations in the county were

reported but not verified. In addition to the W. P. Phillips location near Village, the company has been surveying in Section 16-17-19.

Barnett Well Being Tested Will Case to Bottom of Hole; Standard Spuds in Near Village.

Magnolia—It was reported late Saturday, authoritatively, that the cement plug at the bottom of the seven-inch casing, between 600 and 700 feet off the bottom of the Barnett test, less than five miles by airline east of Magnolia, was drilled Friday night. A Schlumberger test was attempted Saturday morning, but about 20 feet at the bottom could not be penetrated with the tester, because of slumped off shale, so another core was being taken. This was expected to come out of the hole about midnight and it was expected that the Schlumberger test would be completed by 6 a. m., Sunday, after which the five-and-one-half-inch casing is to be set to the bottom of the well and cemented there.

This well has been the center of interest for some time. It is being put down by the Kerr-Lynn Co. Casing was set last week to within 600 or 700 feet of the bottom and then became hung in the well.

The Standard Oil Co. of Louisiana was to spud in the Phillips No. 1 Saturday night, according to the operators.

This well is three-quarters of a mile west of Village, in section 15-17-19.

5,000-Barrel Well In Near Magnolia

3-5-38

Special to the Gazette.

Magnolia, March 4.—The Kerr-Lynn Barnett No. 1, in section 14-16-20, less than five miles east of Magnolia by air-line, blew in at 3:30 p. m. today and officials at the well, after it had cleaned itself by blowing into the pits, estimated the flow at 5,000 to 10,000 barrels a day.

Shooting of the casing began this morning at 7,623 feet. It was shot every two feet to 7,649, and from that point to 7,651 it was shot 16 times. This is all in the permian lime, which began at a depth of 7,618 feet. There is much saturation below, but salt water was encountered lower down.

Officials said the oil is 40 gravity and clear of salt water. The well was swabbed twice after the shots and at the second swab, oil shot over the derrick.

The well was killed after the flow because there is no tubing nor tanks. Tubing will be ordered at once and tanks built, and then the well put on a choke for regular flow, which operators say will require several days.

The well opens a new field about half way between the McKean and the western border of Columbia county and the Shuler field over the county line in Union county, and puts Columbia county in the spotlight more than ever as an oil field. After the well blew, the population "went wild," rushed to the telephone and telegraph offices and deluged the operators with messages.

Barnett Well Regarded as A Big Strike

To Connect McKean and Shuler Fields; Magnolia in Turmoil.

Democrat 3-6-38

Magnolia—Officials of the Kerr-Lynn Oil Company cracked (lightly lifted) the master gate of their Barnett No. 1 well late Saturday and found the gas pressure at the well 1,000 pounds, according to Dean McGee, vice president and chief geologist for the company.

Pressure had to be put on the master gate to make the gas pressure test. The well is to be "killed" sometime Sunday by pumping it full of mud and water, in order to run the tubing, which is expected to be done Monday, Mr. McGee says, because

of the heavy pressure.

The "killing" process will be somewhat of a task but he contemplates no trouble. It will require seven or eight hours to run tubing, and it is expected that the well will be put on flow through the tubing sometime Tuesday afternoon.

One 700-barrel tank has been erected since the well blew in late Friday.

Trading was heavy Saturday, many out-of-state buyers paying big prices for leases and royalties.

The town had a circus appearance all day Saturday with streets, sidewalks, hotels and cafes crowded, and parking space at a premium.

An official of one of the nation's biggest oil companies said Saturday that he considers the bringing in of the Barnett one of the biggest oil events in the tri-state oil area of Arkansas, Louisiana and Texas, and believes the Barnett well will prove the connecting link between the McKean, or Buckner field, and the Shuler field, and that the entire area between the two may prove a field equal to the east Texas area.

The well came in so suddenly after a slump in enthusiasm, due to the many troubles that the operators have encountered, that optimism has risen to a high pitch with all local people and visitors.

Estimates of potential production run to 5,000 barrels daily and higher. The location is about five miles east of Magnolia, in section 14-16-20.

Magnolia Excited Over Big Oil Well

3-6-38

Special to the Gazette.

Magnolia, March 5.—Officials of the Kerr-Lynn Oil Company cracked the master gate of the Barnett No. 1 late today and found the gas pressure at 1,000 pounds, Dean McGee, vice president and chief geologist for the company, announced. The pressure had to be put on a master gate to make the gas pressure test.

The well will be "killed" tomorrow by pumping it full of mud and water to run the tubing. Mr. McGee said that because of the heavy pressure, the "killing" process may be difficult. It will require seven or eight hours to run the tubing, and it is expected that the well will be put on flow through the tubing Tuesday afternoon.

A 700-barrel tank has been erected since the well blew in yesterday.

Heavy Trading in Leases. Trading was heavy today. Many out-of-state buyers paid big prices for leases and royalties. The town had a "circus appearance" all day, the streets, sidewalks, hotels and cafes being crowded and parking space at a premium.

On official of one of the large oil companies said today that he considers the bringing in of the Barnett No. 1 one of the biggest oil events in the tri-states, and believes that the Barnett will prove the connecting link between the McKean and Shuler fields. He said that the area between the two may prove a field equal to the East Texas field.

The well came in so suddenly after a slump in enthusiasm over the many troubles that the operators have encountered, that optimism rose to a new high pitch.

Democrat 3-10-38 S. O.'s Crone No. 1 Drilling Continues

Stamps—The Standard Oil Company's S. T. Crone No. 1 is drilling below 7,156 feet and is expected to core into the pay lime soon. Saturated Permian lime was first found in the same company's McKean No. 1 discovery well, one-half mile to the southwest, at 7,192 feet.

Standard's Bodcaw-Barbara No. 1, se 1-4 of the ne 1-4, section 18-16-22, Columbia county, lost approximately 5,000 feet of drill stem in the hole while going in for the first core. This accident occurred when the hook supporting the traveling block broke. Workers narrowly escaped death or injury when the block, weighing several tons, crashed through the deck of the derrick. Special equipment has been sent and a crew has taken charge to fish for the lost drill stem.

Casing to Be Removed Today From Barnett No. 1.

3-11-38

Special to the Gazette.

Magnolia, March 10.—Dean McGee, vice president of the Kerr-Lynn Oil Company, said today that he would remove the cement casing from his company's Barnett No. 1 tomorrow and would allow the well to flow Saturday morning. Cement was placed after the well blew in last Friday.

A large tank was erected today and

a third tank will be erected tomorrow. when laying of pipe and connecting separator are scheduled to be completed.

The Banner News Publishing Company will print the first copy of its daily edition of the Daily Banner News tomorrow. There is a continued rush of building and renting of homes and offices here.

Barnett Well Flow Delayed By Bad Tee

Special to the Gazette. 3-13-38
Magnolia, March 12. — Operators started to open the Barnett well this afternoon, but a defective tee in a pipe prevented completion of the job. However, oil and gas sprayed through a small turnout valve, half-way up the derrick before the valves were closed. Officials sent to El Dorado for another tee tonight and announced that the well would be completed tomorrow. About 600 persons were on the ground to witness the final test, although it had been announced at noon that the test probably would not be made until tomorrow or Monday. All connections are up, the separator is connected and tanks are completed.

Magnolia was crowded today, as it has been the past week, and many visitors are expected tomorrow. The gas pressure was still excessive this afternoon, but the well was reported under control.

Barnett Well to Be Gauged Today

Democrat 3-13-38
Magnolia — Announcement was made here late Saturday by operators of the Barnett No. 1, that the flow of oil will be tested early Sunday, by placing it on flow, through pipes, into tanks on the ground. The operators started to make the test late Saturday and, because of a defective tee in one of the pipes, detected before they placed it in operation, the job was not completed. Through a side opening in the valve as it was moved, the oil sprayed half way up the derrick. The gas pressure was high, but the well is under control.

Magnolia has been full of strangers from many states, and parking space is at a premium. More are expected Sunday, despite announcement today that most likely the test would have to wait until Sunday, about 600 persons were on the ground Saturday afternoon.

Barnett No. 1 May Be 15,000 Barrel Well

Special to the Gazette. 3-13-38
Magnolia, March 13. — The Kerr-Lynn-Barnett No. 1 well in 14-17-20 was opened at 10 a. m. today for completion of the flow, after a faulty tee held up operations yesterday. On a half-inch choke the well flowed 43 barrels an hour. It was allowed to flow 45 minutes. Estimates on the flow vary up to 15,000 barrels a day.

It was said by Vice President and Chief Geologist McGee of the company today that after the well has cleaned itself, better production may be expected. No salt water was in the oil, which tested 39.5 gravity. The oil was allowed to flow into the tanks and then shut off until another test was taken.

Production will begin in two or three days, McGee said. Two 1,500-barrel tanks have been erected on the ground and a smaller tank of 700 barrels has been on the ground several days. Officials said the oil would be run by pipe lines later.

Many people, including local residents and visitors, witnessed the testing. The final test was said to give assurance of a big producer in a new field, and many newcomers with new businesses are believed a certainty.

No definite arrangements have been made concerning new well locations, but several are expected.

Already a town has been laid off on Highway 82, where the road turns off to the well. A store building is going up with streets laid off and named for officials of the Kerr-Lynn Company. The town has been named Barnett City.

Shreveport Times 3-13-38

Standard Oil Company of Louisiana was drilling at 4,156 feet at the W. P. Phillips No. 1, section 15-17-19, in the Village area of Columbia county, Arkansas.

Shreveport Times 3-13-38

Buckner Area. — Standard Oil Company of Louisiana continues fishing job at the Bodcaw-Barbara No. 1, section 18-16-22, in the Buckner field of Columbia and Lafayette counties, Arkansas. Part of the drill pipe lost in the hole has been recovered. Meanwhile, the company's S. T. Crone No. 1, section 8-16-22, was drilling at 7,225 feet.

Barnett Well Makes Trouble

Democrat 3-14-38
Casing Leak in Big Magnolia Gusher Delays Operations.

Magnolia—A leak in the casing seat at the Barnett No. 1 oil well, five miles east of here, this morning, allowed salt water to seep into the well, killing the gas flow temporarily, after the well was regarded Sunday by the Kerr-Lynn Oil Company of Oklahoma as completed. Operators were preparing today to re-cement and stop the flow of salt water. While the oil and gas flow has ceased, operators are not alarmed and expect to recomplete the well in a few days.

Yesterday's estimates of the potential flow were as high as 15,000 barrels daily. The oil tested 39.5 gravity. Deane McGee, vice president of the company, said the well produced Sunday at the rate of 5,000 barrels daily through a half-inch choke.

The new producer is located in section 14-17-20, approximately midway between the Shuler field in adjoining Union county, and the McKee No. 1, discovery well in the western part of Columbia county. It blew in 10 days ago from a depth of 7,651 feet in the Permian lime.

Completion of the nineteenth producer from the Jones sand in the Shuler field was reported over the week-end. It was the Lion oil Refining Company's Morgan A-5, in section 18-18-17. Although declining to estimate production, company officials said it was a "big" well.

Salt Water Shows Up In Barnett No. 1

Special to the Gazette. 3-15-38
Magnolia, March 14.—After showing up as a big producer yesterday, the Barnett No. 1 well in 14-17-20, stopped flowing last night. Operators found salt water today but said there was no cause for alarm because of so much oil and gas and different saturations in the hole. They bailed and now are setting tubing.

They believe they can shut off the salt, which is believed to be coming from the joint of the seven-inch casing with the five and a half-inch casing. They plan to set the tubing to that point and shut off the salt water. Many visitors still are in town.

The Phillips No. 1, near Village, in 15-17-19, is reported to have made a fine showing of oil and gas today at a depth of around 4,665 feet, the same depth at which the Barnett No. 1 is said to have encountered 12 feet of saturation. A drill stem test was said to have had four pipe joints of oil. The Thomas Crone No. 1 in 8-16-22, in the Buckner area, is reported to have encountered a good saturation at a depth of 7,257 feet, and it is believed will make a good producer.

The long drill stem that fell into the Bodcaw No. 1, in 17-16-22, several days ago, is being fished out by degrees.

Stamps Well Spouts Oil

Democrat 3-15-38
Standard's Crone No. 1 Brought In From Permian Lime.

Stamps — The Standard Oil Company's Crone No. 1 well was reported brought in early this morning, in saturated Permian lime, at 7,264 feet, after spouting oil over the derrick.

The well is in the northwest quarter of the southeast quarter of section 8-16-22, and is the second in the Buckner field and the third in Columbia county, counting the Barnett well east of Magnolia, now having a little trouble with salt water.

The Crone well came in after coring eight feet of saturated Permian lime, and the oil is said to be of high

gravity. The crew of the Standard's Bodcaw Barbara No. 1, in the southeast quarter of the northeast quarter of section 18-16-22, was still fishing for drill stem, but expected to complete the job today and begin coring into the pay formation.

Thomas Crone No. 1, Buckner Area, Blows In

Special to the Gazette. 3-16-38

Stamps, March 16. — Standard's Thomas Crone No. 1 in the Buckner area, Section 7-16-22, blew in early today after a drill stem test. The oil formation encountered at 7,264 feet showed oil of the same gravity as the McKean No. 1. No production estimate has been made.

Favorable progress has been made on recovering the remaining stem from the Bodcaw-Barbara, and operators will resume coring on the well in a few days.

Final Test of Thomas Crone 1 Due in Few Days.

Special to the Gazette. 3-18-38
Stamps, March 17.—A Schlumberger test has been made of the Standard's Thomas Crone No. 1, Buckner area, in Section 8-16-22, and casing was being set today. The well will be allowed to flow after 72 hours. Bottomed at 7,272 feet in the Permian lime section, the well showed 600 feet of oil and 60 feet of oil and mud on a 20-minute test from 7,225-72 feet with quarter-inch chokes, top and bottom. No salt water was encountered.

The Crone No. 1 is the second producer for this area. The McKean No. 1, discovered last November, is producing an average of 500 barrels of 33 gravity oil daily. At Standard's Bodcaw Barbara well, about 600 feet of lost drill stem was recovered today. It is planned to resume coring in a few days.

Fire Delays Crone No. 1

Democrat 3-20-38
Magnolia—A new derrick and rig are reported on the way here to replace the outfit virtually destroyed by fire at the Standard Oil Company's S. T. Crone No. 1 oil test, in the western part of the county, Friday night.

The crew had been having trouble with a lodged casing. The well was regarded as practically in the pay formation. While the crew was lubricating the stuck casing, 250 feet off the bottom, at 9:10 Friday night, a line broke and the casing fell. A spark is believed to have touched off the lubricating oil.

The steel derrick buckled in the heat and fell, and the rig was destroyed. Loss of the Crow Drilling Company was estimated at \$4,000. The well is in section 8-16-22, east of Stamps.

The crew of the Bodcaw-Barbara No. 1, section 18-16-22, same general area as the Crone well, was expected to complete its fishing job late Saturday and resume coring. It is near the pay sand. Part of a drill stem was lost in the hole.

The crew of the Barnett No. 1, once brought in as a good producer, but which sprung a casing leak, admitting salt water, was expected to complete resetting of tubing and packer Saturday night, and is expected to again test the flow Sunday. The operators are confident of being able to eliminate the water nuisance.

Thomas Crone No. 1 Test Well Derrick Burns.

Special to the Gazette. 3-20-38
Stamps, March 19.—Oil used to lubricate a hung casing on the Standard's Thomas Crone No. 1 well, in Section 8-16-22, caught fire last night and burned three hours, destroying the derrick and floor. The well was not damaged.

The fire was caused by a cable falling, breaking electric wiring. Operators said a new rig would arrive soon.

The well has reached 7,272 feet in green shale. The drill stem test last week showed 600 feet of oil. A Schlumberger test was made.

Drilling was resumed today on the Bodcaw-Barbara No. 1, also in Section 8-16-22, after the last portion of drill stem lost several days ago, was recovered.

Efforts to Shut Off Salt Water Continue at Barnett No. 1.

Special to the Gazette. 3-20-38

Magnolia, March 19.—Despite the threat of salt water at Kerr-Lynn's Barnett No. 1 in 14-17-20, five miles east of Magnolia, the well continues to show gusher proclivities. As bailing continued yesterday and today gas and water shot up into the derrick after each swabbing.

The tubing was pulled and was being run again this afternoon and tonight. Another flow test is expected tomorrow morning. Operators are confident they can eliminate the salt water menace.

Packing and tubing will be reset at another depth, as it is believed that the water is coming from the shot casing. If this resetting does not accomplish desired results, work will continue until the salt water is shut off.

The Standard's Phillips No. 1 in 15-17-19, near Village, is reported drilling around 5,000 feet but information is so scarce there since the saturation was encountered last week, that official information cannot be obtained.

Mayor Longino of Magnolia To Drill New Oil Well.

Special to the Gazette. 3-24-38
Magnolia, March 23.—A permit for an oil test has been issued to L. A. Longino, mayor of Magnolia, in Section 17-17-20, half a mile northeast of the Barnett No. 1. John Magale of Magnolia and Shreveport is associated with Mr. Longino. Both are well known in the oil business.

Setting of Casing Completed On Barnett No. 1.

Special to the Gazette. 3-25-38
Magnolia, March 24.—The squeeze job on the Barnett No. 1, which is resetting cement in holes shot before the well showed as a big producer, has been completed and as soon as the cement sets, a test will be made, probably Saturday. Operators still believe they will overcome the salt water menace and make the Barnett a producer. Interest also is centering on the Phillips No. 1 at Village and the Thomas Crone No. 1 in the McKean well section, which was reported oozing through openings at about 45 barrels of oil per day. It was found yesterday that the surface casing must be reset. It was hoped to complete the work tonight.

Democrat 3-27-38 Standard Is Coring Bodcaw-Barbara No. 1

Barnett No. 1 in the SE 1-4 NE 1-4, section 18-16-22, Columbia county, was coming out of the hole Saturday with a 20-foot core starting at 7,314 feet. So far, only small showings of the lime have been found. When this core is out a Schlumberger test will be taken. If no pay formation is found at this depth, drilling will be resumed.

A new derrick has been completed to replace the one burned on the S. T. Crone No. 1 location. The casing, which was lost when the well burned, is now in good shape. After perforating, cement will be set. When this has hardened, the well will be acidized. It is probable that this will complete the well.

Democrat 3-27-38 May Test Barnett Well Again Monday

Magnolia — Work of drilling through cement set several days ago in the Barnett No. 1 oil test, began Saturday afternoon. It was announced that it would be Monday or Tuesday before a test could be made for a flow. This last cement job was done in an effort to shut off salt water.

This well came in some time ago as a big producer but, because of salt water, believed coming through a casing leak, had to be re-cemented. L. A. Longino, mayor of Magnolia, is expected to drill in section 17-17-20, a half-mile northeast of the Barnett well. He has obtained permit. John Magale of Magnolia and Shreveport is associated with him.

Democrat 3-29-38 Barbara No. 1, "Dry Hole", Is Abandoned

Stamps—Standard Oil Company's Bodcaw-Barbara No. 1, outpost in the center of se 1-4 of the ne 1-4, section 8-16-22, was abandoned Sunday as a "dry hole" at approximately 7,440 feet. This hole is three-quarters of a mile southwest of the McKean No. 1 discovery well.

The other outpost, the S. T. Crone No. 1, in the w 1-4 of the se 1-4, section 8-16-22, recently shot casing and completed cementing job. This well has proven itself a producer in a recent drill stem test. It is expected that it will be acidized as soon as cement has set and put on production. Tanks and pipe line to loading rack at Buckner have already been built.

It now appears that Standard's policy will be for the present to drop back, close in, and drill offsets to the discovery well. Rig from Bodcaw-Barbara is being moved to the R. Waters' lease, se 1-4 of the se 1-4, section 7-16-22, due west offset to the McKean No. 1. Drilling is to begin as soon as rig is up.

Barnett No. 1 Again In; No Salt Shown

Special to the Gazette. 3-30-38

Magnolia, March 29.—Operators re-completed the Kerr-Lynn's Barnett No. 1 well late tonight and announced after permitting the well to flow through a two-inch choke into the tanks that there was no show of salt.

The recompletion was necessitated by a show of salt water in the original test, when perforations were made from 7,623 to 7,651 feet. In the recompletion job perforations were made only from 7,646 to 7,649 feet.

Democrat 3-31-38 Barnett Well Gauged At 520 Barrels Daily

Magnolia—The Barnett No. 1 well in 14-17-20, brought in Tuesday night, is flowing a high-grade oil at the rate of 520 barrels daily, officials said today. No salt water is present and less than one per cent of basic sediment.

The well will be allowed to flow until this afternoon, when the drill stem will be replaced with 3-8-inch tubing. Gas pressure is good.

Democrat 3-31-38 Oil of 33 Gravity.

Magnolia—The Thomas Crone No. 1 of the Standard Oil Company in the western part of Columbia county came in last night at 8:15 for a good producer. It was allowed to flow into the pits all night. It is flowing oil of 33 gravity without trace of salt water.

Total depth is 7,262 feet and production is coming from the Permian lime. The well will be acidized tomorrow in order to increase production. A good gas pressure accompanies the oil flow.

The well will be turned into tanks which are connected with a pipe line to the loading rack at Buckner.

The rig on this well will be moved to the Crone No. 2 of the Standard, in the same section. The rig used on the Bodcaw No. 1 is being moved to the Water No. 1 in 7-16-22.

The Barnett No. 1 of the Kerr-Lynn Oil Company, east of town, in 13-17-20, continues to flow steadily. Operators are pulling drill stem out of well today and running tubing. Several offsets will be announced in a few days. An active drilling campaign is expected. Abstracters are busy and the town is crowded.

Barnett No. 1 Producing As 520-Barreler

Special to the Gazette. 3-31-38

Magnolia, March 30.—The Barnett No. 1 well in 14-17-20, brought in last night, is flowing a high grade oil at the rate of 520 barrels daily, officials said today. There's no salt water and less than one per cent of basic sediment. It will be allowed to flow until tomorrow afternoon, when the drill stem will be substituted with 3-8-inch tubing.

The gas pressure is good, the flare having burned all night and today, with regular flame.

Other Drilling to Follow.
An official said that several other locations for tests would be announced soon. It is expected that drilling activities in several sections of the county as well as in the Barnett section, would start immediately.

Several business contracts have been pending in Magnolia, awaiting the permanent completion of the Barnett well.

During the drilling of the well, a three-foot saturation of gas and distillate was encountered between 7,648 and 7,651 feet. The nine shots made yesterday were between 7,646 and 7,649 feet. It is believed that the salt water came from higher up when the first shot was made March 4 at 7,623 feet.

Thomas Crone No. 1 Due In.
Swabbing is in process on the Thomas Crone No. 1, in 8-14-22, in the western part of Columbia county near the McKean discovery well. A report from there this afternoon said the well was scheduled to be brought in tonight.

Acres feet of each drilling unit, multiplied by bottom hole pressure of the well producing from the unit, the result to be divided by a total of all products of unit acre feet of saturated sand, multiplied by bottom hole pressure of the unit with the figure last obtained to be multiplied by the field allowable.

Barnett 1 In, Proves Good Producer

Special to the Gazette. 4-3-38

Magnolia, April 2.—The Barnett No. 1, in Section 14-17-20, five miles east of Magnolia, has come through its varied vicissitudes today and is now on production, estimated at 21 barrels an hour through a one-fourth inch choke. The oil is high grade and free from salt or sulphur water. It still was cleaning itself of wash water tonight.

The well came in about 10 a. m. today on permanent production through the tubing which was run last night. It had only nine perforations on the last test at 7,646-7,649 feet. The gas pressure was so high yesterday and the night before that much difficulty was experienced in "killing" the well so that the tubing could be run. Following the pulling of the drill stem from the hole, through which the oil had flowed since Thursday, the well was killed with cold water. As soon as the tubing was set and the spike was dripped into it this morning, the flow began within 22 seconds, half the time calculated.

Oil of High Gravity.
The oil is of high gravity and the production was increasing.

This completion assures the new Magnolia field and places business on a firm foundation, it was said. Drilling and business contracts, which have been hanging in the balance pending the completion of the well, are expected to go forward at once. Many leases in that section expire in about six months and drilling activities will follow rapidly to take advantage of contracts. One of the officials said that several locations will be announced in a few days.

The Thomas Crone No. 1, in Section 8-16-22, is reported flowing. The well will be a good producer, it was said. Work is not complete on the test.

Barnett Well Causes Boom

Gazette 4-3-38
Test Confined to Narrow Limits—New Oil Town Is Created.

Magnolia — Kerr-Lynn's Barnett No. 1, in 14-17-20, "came in" again Saturday, this time on regular production schedule, and soon after it was put on the gauge with a 1-4-inch choke at 2 p. m. through tubing. The flow is 21 barrels per hour of high grade oil, with plenty of gas pressure.

The oil is free of salt or sulphur water, the menace since the last test before this.

In preparation for this test, after efforts were made to shut off salt water, only nine perforations were made through the casing, at between 7,646 and 7,649, and the flow is coming from that three feet of saturation, which showed gas and distillate when the well was being drilled.

The casing had many more ashts before, but showed salt water after indications of big production. The well has many feet of saturation at other depths, but fear of more salt water trouble kept down further experiments. The well is increasing in production and assures the new Magnolia field of many more drilling contracts in that area.

Many leases expire within six months, it was announced, and operators will have to start an active program to be able to profit on present contracts.

The Thomas Crone No. 1, in the same section as the McKean discovery well, 8-16-22, in the extreme western end of the county, is producing on the final testing the two wells coming in on permanent production in two sections of the county this week.

This will boost business in every line. A big building program here and at Barnett City, a new oil town near the well, and in other parts of the county, will go forward at once.

Rumor of Salt Water Denied By Barnett No. 1 Operators.

Special to the Gazette. 4-6-38

Magnolia, April 5.—Operators of the Barnett No. 1 well today termed "a propaganda report" the rumor circulated that the well was showing 10 to 12 per cent salt water. They said the well was flowing 16 barrels of oil an hour, free from salt water. They said the oil is of 37 gravity and with only two per cent basic element and less than one per cent wash water.

Pressure on the tubing today was 450 pounds, a 25 per cent increase in 24 hours. The well was given nine perforations from 7,646 to 7,649 feet. The oil is being hauled from the tanks to the Standard pipe line at El Dorado.

The Thomas Crone No. 1 in the Buck-

er area was completed last night by acidizing with one treatment and it was reported this afternoon that the well is flowing 50 barrels per hour through a quarter-inch choke. The oil is being loaded on tank cars at the loading rack at Buckner. It is in 8-16-22, three fourths of a mile northeast of the McKean No. 1. The Crone rig is being moved to Thomas Crone No. 2, which will start drilling Thursday. The Bodcaw-Barbara rig has been moved to the Waters No. 1 and was scheduled to be spudded tonight. It is in the area near the McKean discovery well. It was reported that several new locations in the McKean area probably would be announced.

Democrat 4-6-38 Oklahoma Oil Firm Comes in Arkansas

The Kerlyn Oil Company of Oklahoma City, Okla., filed notice of entry into the state today to do business in the Columbia county oil field. Capital stock was listed at \$2,500,000.

The company announced it expected to use \$100,000 of its capital stock in Arkansas.

George M. Armistead of Little Rock was named agent for service.

Democrat 4-6-38 Waters' No. 1 Drilling Goes Below 1,500 Feet

Stamps—Standard of Louisiana's Waters No. 1 in the set of the set, section 7-16-22, is drilling below 1,500 feet, and is expected to set second string casing Thursday. This well is one-quarter mile due west of the McKean No. 1, discovery well, and may help to define the Buckner field.

The S. T. Crone No. 1, section 8-16-22, was acidized Monday and has since been flowing into tanks at more than 1,200 barrels per day. This oil is of high gravity.

Waters No. 1 Well Hits Nacatosh Strata at 1,400 Feet.

Special to the Gazette. 4-7-38
Stamps, April 6.—The Standard's Waters No. 1 well in section 7-16-22, Buckner area, was spudded in last night and by this afternoon had reached the Nacatosh formation.

Another new Standard test, the Crone No. 2, in section 8-16-22, is expected to spud in Friday. The section was drenched today by the heaviest rain of the year.

Standard's Crone No. 1 in section 8-16-22, flowed 58 barrels hourly through a quarter-inch choke in its first nine-hour test. After all tanks had been filled, the well was shut off. Final testing will be made tomorrow. The well was treated with 5,000 gallons of acid at 7,272 feet.

Standard May Have Gusher

Phillips No. 1, Columbia County, Given Drill Stem Test.

Democrat 4-12-38

Magnolia — On a 17-minute drill stem test this morning, from 6,307 to 6,316 feet, Standard Oil Company's W. P. Phillips No. 1, in section 15-17-19, showed 40 thrifbles of oil and three thrifbles of water and mud.

The test was made with quarter-inch choke on top and bottom of drill stem. The pressure built up to 50 pounds in 10 minutes and valve was closed for five minutes and pressure built up to 90 pounds. The oil was about 39 gravity.

This appears to be a new field opened for Columbia county. This well is located five miles east of the Barnett No. 1 of the Kerr-Lynn Oil Co., which was opened as a producer two weeks ago.

In a 24-hour gauge ending at 7 a. m. today, the Kerr-Lynn well produced 355 barrels of oil through quarter-inch choke.

Good Showing Of Oil in Test Near Village

Special to the Gazette. 4-13-38

Magnolia, April 12.—In a drill stem test before noon today in the Standard Oil Company's Phillips No. 1 in 15-17-19, 10 miles east of Magnolia, five miles east of the Barnett No. 1, near Village, showed 4,000 feet of oil in a drill stem and 300 feet of water and mud. Good gas pressure pushed the

flow out of the drill stem on the ground as the drill stem was broken down. The gas pressure built up to 50 pounds in 10 minutes. The valve was closed five minutes and pressure increased to 90 pounds. This test was made at from 6,307 to 6,316 feet in what appeared to be the Jones sand of the Shuler field. Coring was continued this afternoon.

This will show the depth of the present saturation. Whether the well will be brought in at the depth, regardless of what is below this 13 feet of saturation, could not be determined but since this is a test in new territory, it is believed the company will test the structure down to depths of the Permian lime. Oil is 39 gravity.

Oil scouts said here today the well would make a good producer at this depth. The location seems to assure a continuation of the oil structure from the Buckner area in the western part of the county, where there are two producing wells, all the way across this county, by Barnett, Phillips and on to Shuler in Union county.

Barnett No. 1 continues to flow as regularly as it did when completed.

Successful completion of the Village well probably would result in extensive operations between that point and the Shuler sand and also toward Magnolia.

Columbia County Oil Holdings Sold Gazette 5-4-38

El Dorado, Ark., May 3 (AP).—The Kerr-Lynn Oil Company of Oklahoma City, announced today sale of its holdings in east Columbia county to the Atlantic Refining Company of Dallas.

A producing well, the Barnett No. 1 near Magnolia, and approximately 600 acres of leases were included. The price was not announced.

An official of the Kerr-Lynn said the Atlantic planned to develop the new Columbia county field.

The Atlantic company bought the Bailey and Trimble title to five 40-acre tracts southeast of the Shuler field near here, recently.

Buckner Field Well Good Oil Producer

Magnolia — Report on the Waters No. 1 well of the Standard Oil Company, which was completed Wednesday, is to the effect that if allowed to flow freely the well would make 200 barrels of oil an hour, or at the rate of nearly 5,000 barrels a day.

The well has been choked down since it cleared itself yesterday, and is being allowed to flow into tanks

at the rate of 100 barrels an hour. It is regarded as the best of the three producers of the Buckner field. It is in the western part of Columbia county.

It was understood today that the plug will be drilled tonight in the Crone No. 2, also a Standard Oil Company well, in section 8-16-22.

Waters No. 1 A 200-Barrel Producer

Special to the Gazette. 5-13-38

Magnolia, May 12.—The Waters No. 1 well, southeast quarter of southeast quarter of Section 7-16-22 in the western part of Columbia county, Buckner area, which came in late yesterday acidizing, has cleaned itself and has been flowing into the tanks at the rate of 100 barrels an hour for the past 12 hours. Operators said if it were allowed to flow wide open it would flow 200 barrels an hour. It is the best of the three producers in that area.

Crone No. 2 Due In.
The plug will be drilled in the Crone No. 2, southeast half of southwest quarter of Section 8-16-22, at 10 tomorrow night, Mr. McKean said today. He said it is expected to start producing Saturday or Sunday. The derrick is up on McKean No. 2, southeast quarter of southeast quarter of Section 7-16-12, Lafayette county, and slush pits are dug. This well is expected to be spudded in this week.

The Standard's W. P. Phillips well near Village, in 17-15-19, 10 miles east of Magnolia, was coring at 7,473 feet late today and was expected to core tonight. This has been pronounced a producer at two or more depths, where good saturation was found for several feet, but since it is a test, the company is expected to go on through to the lime structure.

Shell Well Plans Test.

A new location was announced today as an offset to the Barnett No. 1 by the Shell Oil Company on the Nan Garrett farm, in 17-24-20. The Barnett rig has been stacked up on the ground. The Barnett No. 1 still is flowing about 300 barrels a day through a quarter-inch choke.

Crone No. 2, Columbia County, Brought in by Standard.

Special to the Gazette. 5-17-38
Magnolia, May 16.—The fourth well in Buckner field was brought in today. It is the Standard Oil Company's No. 2, and is making 107 barrels an hour. The well is in the new Buckner field of western Columbia county. It came in without swabbing or acidizing.

W. B. Phillips No. 1 Well In Near Magnolia

Special to the Gazette. 5-27-38

Magnolia, May 26.—Standard's W. B. Phillips No. 1 in 15-17-19 near Village, 10 miles east of Magnolia, came in about 4 p. m. today, flowing gas, oil, water and mud. Several oil scouts estimated production at 1,000 to 1,200 barrels daily with 500 barrels of 35 gravity oil without any trace of salt water.

The flow was turned into the pits and set fire until it cleans itself. Water is said to be 5 per cent of the flow. The gas pressure is good. The tubing had been run and swabbing had begun when the well blew in. The casing was perforated with 97 shots last night and early today, between 7,420 and 7,430 feet. Total depth is 7,603, with seven-inch casing set at 7,517 feet. The well has shown several saturations.

Enthusiasm Soars.

After a lull here for several days because of inactivities near here, except at the Phillips well and in the Buckner area, enthusiasm soared and many citizens rushed to the third field in the deep area of Columbia county.

McKean No. 2 Reaches Lime.

The McKean No. 2 reached 3,893 feet late yesterday where it encountered the James lime. This and all other formations in the well check five feet higher than the same ones in the Waters well, indicating it is nearer the main oil pool. The McKean No. 2 is expected to be a better producer than the Waters No. 1, the best of the four producing wells in that area.

New Village Well Is Big Producer Democrat 5-27-38

Magnolia.—The Standard Oil Company's Phillips No. 1, in section 15-17-19, flowed 92 barrels of oil last night from 10 to 11 p. m., on a 1-64 inch choke. The oil is 36.8 gravity at 76 degrees.

Oil men say that this well is the largest well completed in the state since the boom days of Smackover. No trace of salt water is in the flow.

The two 250-barrel tanks which were erected at the location were filled by 3 a. m. today, and it was necessary for operators to close in the well until more storage can be provided.

The new well is in what is known as the Village area, 10 miles east of here, and blew in yesterday afternoon, after swabbing operations had begun. The depth is about 7,430 feet.

At the rate of flow gauged last night the well would provide more than 2,000 barrels of oil per day.

Oil scouts believe that this well is on the same structure that is producing at the Barnett No. 1, about five miles west of the Phillips well.

Offset to Phillips 1, Columbia County, to Be Drilled.

Special to the Gazette. 6-7-38
Magnolia, June 6. — A rig is being erected in Section 15-17-19 as an offset to the Phillips No. 1 by the Fohs Oil Co. of Houston. Drilling will start in a few days. It is said that the Fohs company has another location in that area. A location has been made in the Barnett area, in 13-17-20, by Russ and others of Dallas, and drilling is expected to begin next week.

Buying is active surrounding the Olds well (Dennis No. 1), two miles northwest of Magnolia. It was drilled to the contract depth last fall, and it is reported that a new test will be made in that area soon or the well drilled to the producing depth.

Four Concerns Lease Sites At Magnolia

Special to the Gazette. 6-11-38

Magnolia, June 10.—Officials announced today that the L. & N. W. Railroad Company had closed deals with four large supply companies for leases of sites along tracks here near the depot and immediately will erect supply houses.

These companies are the Mid-Continent Supply Company of Fort Worth, Tex.; the Simmons Craig Company and the Superior Iron Works and Supply Company, both of Shreveport, and the Arkmo Lumber Company, an Arkansas concern.

The Superior Iron Works and Supply Company bought the warehouse of J. M. Bradley and started razing it today, preparatory to erecting a new building. The Wilson Supply Company of Houston, Tex., which closed a deal last week for another site on the railroad, has nearly completed a building. The Superior Iron Works and Supply Company and the Mid-Continent Supply Company will build an oil pipe rack each adjoining their houses.

Three other large supply companies are reported contemplating leases for sites here, but deals have not been closed.

Standard Oil Begins Test, The Third in Village Area.

The Standard Oil Company has started erection of a derrick on its lease on the Henry Harris place, the third test in the Village area. It will be known as Harris No. 1 and will be a south offset to the Standard's Phillips No. 1, discovery well, in 15-17-19, 10 miles east of Magnolia.

The other two wells, also offsets to the Phillips No. 1, are the Fohs Oil Company's Phillips No. 2 and the Standard's Crumpler No. 1.

Will Drill Two Wells In Magnolia Territory

Shreveport, La.—Grady Vaughn, Dallas, Tex., operator, Saturday obtained a "farm out" lease on 92 acres southeast of the discovery well in the Magnolia area, Columbia county, Ark., from the Shell Petroleum Corporation and will start the first of two tests immediately.

Vaughn made location for No. 1 Nannie Garrett, center of NE, SE, section 14-17-20. The consideration was reported as drilling of two tests, Shell retaining one quarter of seven-eighths over-riding royalty. After Vaughn is reimbursed for all equipment and cost of drilling, the leases are to be operated on a fifty-fifty basis.

This area recently was opened by Kerr-Lynn Oil Company's No. 1 Barnett, section 14-17-20, producing from Permian lime and later sold to Atlantic Refining Company.

Shreveport Operator Options Tract Near Magnolia.

Special to the Gazette. 6-26-38

Magnolia, June 25.—Mr. Smitherman, independent oil operator of Shreveport, has taken an option on the Olds interest in the block around the Mary E. Dennis No. 1 test, two miles northwest of Magnolia, which was drilled last fall and winter to a contract depth, stopping before it reached the producing Permian lime. Olds owned 40 per cent interest in about 4,000 acres. The option is for 50 days. It is expected that this test will be drilled deeper, or a new one in the block drilled, as one or more blocks are being assembled north and northwest of town. The Dennis No. 1 structure showed up well during the drilling, several gas pockets being encountered.

Nine Columbia County Wells To Be Drilled

Special to the Gazette. 6-29-38

Magnolia, June 28.—Announcement of nine new oil well locations in the Barnett No. 1 area of Columbia county put new life in the oil fraternity here today. Three of the wells are reported awaiting rigs and several others are expected to be started soon.

New Pipeline Rumored.

It was reported also that surveys now under way are for an eight-inch pipe

line to be built for the Standard Oil Company from the Buckner area to its Haynesville (La.) station. The line, which would lack only five miles of reaching across Columbia county, would serve the newly opened fields in the Buckner area, the western border and the Barnett field, five miles east of Magnolia.

Locations of Wells.

The Atlantic Oil Company will sink seven of the new wells, as follows: Two on Marshall Talley place, SW NW and NW SW 14-17-20; four on Mrs. N. L. Baker's place, one in SE NE 14-17-20, the other three in SW NW SE NW and SW NE 13-17-20, and one on the Phillips Turk site, NW NE 14-17-20. Two Shell Corporation wells will be drilled in NE SW 14-17-20. One of the Talley locations and one of the N. L. Baker wells will be drilled immediately.

ly. Rig also is awaited on the Nan Garrett well, previously announced.

Six Already Producing.

The six producing wells in the area are flowing their allowed maxima from the deep lime. Four are Standard's in the Buckner area in Columbia county, with a fifth just over the line in Lafayette county, the Barnett No. 5, five miles east of Magnolia. The sixth is the Standard Phillips No. 1 at Village. Two others are going down in that area.

Standard Preparing to Drill New Well in Columbia.

Special to the Gazette. 7-1-38

Magnolia, June 30.—Machinery is being moved from the Crone No. 1 well in 8-16-22, in the Buckner area, to the McKean No. 3, in the same area, in the western part of Columbia county, a new location made last week by the Standard Oil Company. Second string casing is being set at a depth of 2,000 feet in the Warren No. 1, in 17-16-22. The structure in this well has shown up well.

Talley No. 1 Well, Near Magnolia To Be Spudded In Soon.

Special to the Gazette. 7-16-38

Magnolia, July 15.—Material is being placed on the ground at the Talley No. 1 well, Magnolia area, near the Barnett No. 1 in 14-17-20 by the Atlantic Company. It is expected the well will be spudded in soon.

Several New Wells Contemplated In Magnolia Area.

Special to the Gazette. 7-24-38

Magnolia, July 23.—In addition to four test wells going down near the Permian lime in this area, a big play in leases is going on in Sections 8, 9, 10, 15, 16, 17, in township 17, range 19 west. It is reported that this block is being taken for the Tidewater Associated Oil Company. Most leases already have been taken in this area.

Another block has been in the forming north and west of Magnolia, in Sections 32, 33, 34, 35, township 18, south, range 19 west. It is reported that this block has been taken for a major oil company with the expectation that a well would be drilled in the area soon.

The four wells getting down toward the pay lime are: The Fohs et al. Phillips No. 1, Village area, in 15-17-19, which is down around 7,340 feet in pink hydrite and is expected to be brought in soon; Standard's Crumpler No. 1, same area, coring at 6,340; Warren No. 1, by Standard, Buckner area, 18-16-22, in Lafayette county, down 7,000 feet, and the McKean No. 3, 7-16-22, Columbia county, drilling below 5,700 feet.

The Talley No. 1, by the Atlantic Company, Magnolia area, 14-17-20, is drilling around 500 feet, after spudding in Wednesday night.

Standard's Warren No. 2 In Buckner Area Spuds In.

Special to the Gazette. 8-27-38

Magnolia, Aug. 26.—Standard's Warren No. 2, northwest quarter of northwest quarter of Section 17-16-22, in the Buckner area of Columbia county, spudded in last night. The test will be watched closely because it is between the Standard's dry hole on the Bodcaw Lumber Company tract in Lafayette county and the McKean No. 1, discovery well in Columbia county.

Tidewater to Drill to Lower Marine in Columbia.

Special to the Gazette. 8-27-38

Magnolia, Aug. 27.—The Tidewater Associated Oil Company has selected the Zion community tract six miles south of the Village field and 12 miles southeast of Magnolia for a deep test to the Lower Marine. It will be drilled by Grady Vaughn to 8,600 feet, the deepest yet drilled in Columbia county. Rig for the Fohs well will be moved to the new location, on the Lou Bene land in the southeast quarter of the northwest quarter of Section 15-18-19. Successful drilling there would open the fourth field in the county discovered since last October, when the

McKean No. 1 came in.

Much interest is centered in the vicinity of the Kerr-Lynn well, where four wells are drilling at or below 6,000 feet, all expecting to top the lime within 10 days.

The Atlantic Oil and Refining Company's Talley No. 1 and the Grady Vaughan Garrett No. 1 in 14-17-20 and the Atlantic's Baker No. 1 and the Leon Russ et al. Baker No. 1 in 13-17-20 indicate that this area will prove an extension of the field 1 1-4 miles east and west. Three wells east of the discovery well are checking favorably.

The Standard Oil Company's E. D. Harris in 15-17-19, Village area, is expected to drill soon. It is an east offset to the discovery well. While the same company's L. Harris No. 1 in the same section has its derrick up, drilling probably will not start until the other Harris well is checked.

Leasing has been active in township 15 south, range 20 west, centering around Sections 3 and 4 between Calhoun and Kerlin. The leasing has been taken in the name of K. E. Jennings but is believed to be going to a major company. The block probably will not cover a large area.

The Atlantic company has let contract on the 27 1-2 acre tract of Mrs. N. L. Baker, to be united with the 12 1-2 acre tract of Nan Garrett to make a 40-acre location for the Atlantic's Baker No. 2, an east offset to the Kerr-Lynn's Barnett No. 1. The well is expected to be started by September 1.

Nan Garrett 1, Columbia County, To Be Tested Today.

Special to the Gazette. 9-11-38
Magnolia, Sept. 10.—The Shell Oil Company's Grady Vaughn Nan Garrett No. 1 well, five and one-half miles east of Magnolia, in Section 14-17-20, a southeast offset to the Kerr-Lynns Barnett No. 1, discovery well in that area, will be tested tomorrow at between 7,523 and 7,553 feet. Seventeen

feet of saturation was encountered in a sand, or Permian lime, which was topped almost 100 feet higher than the lime in the Barnett, which was shot three times at 7,647 to 7,649 feet and still is flowing its allowance through a small choke. The Nan Garrett plug was drilled today.

The Atlantic's Baker No. 1 and its Talley No. 1 are coring after reaching depths of 7,728 and 7,740 feet, respectively. The Leon Russ Baker No. 1, at 7,777 feet, is being abandoned.

The Tidewater Associated Oil Company's Beene No. 1 in Section 15-18-19, was spudded in tonight. Standard's Warren No. 2, Buckner area, 18-16-22, is drilling below 5,550 feet.

New Magnolia Field Well Brought In

Special to the Gazette. 9-11-38
Magnolia, Sept. 11.—The Shell's Grady Vaughn Nan Garrett well, southeast offset to the Barnett discovery well in the Magnolia area, was brought in at 11 a. m. today at about 5,545 feet.

The well made 32 barrels per hour through a 1-4 inch choke. There is no salt or sulphur water and the gas pressure is excellent. When it cleans itself, it is expected to be a good producer.

Special importance was attached to the completion of the wells, as it is the first completed in the area since the discovery well was brought in 100 feet deeper. Three other wells in the area still have found no saturation.

New Columbia Wildcat Strikes Heavy Saturation in Lime.

Special to the Gazette. 9-11-38
Magnolia, Sept. 19.—After logging 17 feet of well saturated lime between 5,523 and 5,553 feet, the Shell Oil Company has set casing on its Grady Vaughn Nan Garrett No. 1 wildcat in the center of the northeast quarter of the southeast quarter of section 14-17-20, east of Magnolia in Columbia county.

The saturation was encountered nearly 100 feet higher than in the Barnett No. 1, discovery well, of which the Nan Garrett is a southeast offset. The saturation indicates the trend of production is to the south-southeast of the discovery well, still the lone producer in the field.

Three other wells in the area have failed thus far to find production, but operators have not halted drilling. They are the Atlantic's Talley No. 1 west of the discovery well, now at 7,740 feet; the Atlantic's Baker No. 1 and the Leon Russ Baker No. 1, both east of the Barnett No. 1, now at 7,728 and 7,777 feet respectively.

Optimism increased here with the completion of the Canadian Oil Company's Stocks No. 1 test in section 9-15-22 for a producer of 100 barrels daily in the Nacatoosh sand, in which 33 feet of sand was cored from 1,178 to 1,211 feet after the well was taken to 3,000 feet. It was completed from 1,190 to 1,200 feet.

The Canadian has several hundred acres in the area and is expected to start additional wells.

Nan Garrett East Offset Near Magnolia To Be Drilled.

Special to the Gazette. 9-13-38
Magnolia, Sept. 12.—Following the bringing in of the Nan Garrett well yesterday by Grady Vaughn, in section 14-17-20, which is flowing about 600 barrels a day through a quarter-inch choke from 7,536 to 7,553 feet. A derrick and machinery are being moved today to the Levi Garrett No. 1, another Shell Company well to be drilled by Grady Vaughn. It will be an east offset to the Nan Garrett, and is expected to start drilling Thursday.

Warren No. 2 In Buckner Field In

Special to the Gazette. 9-25-38
Magnolia, Sept. 24.—The Standard's Warren No. 2, in the northeast quarter of the southeast quarter of Section 18-16-22, Buckner area on the west edge of Columbia county, began flowing into the pits today. No estimate of production will be made until the well has cleaned itself.

This is the seventh well in that area and was said to indicate a good producer. Total depths is 7,255 feet, the top of the lime having been encountered at 7,212 feet, with porosity at 7,221.

Three Operations Under Way In Magnolia Pay Area.

Special to the Gazette. 9-25-38
Magnolia, Sept. 24.—Three drilling operations are under way in the Magnolia (Kerr-Lynn) area.

The Atlantic Oil and Refining Company's L. Garrett No. 1, in 13-17-20 is moving in rig-and-building derrick. The Leon Russ et al J. M. Barnett No. 1, in 14-17-20 is cleaning off location and digging slush pits. The Grady Vaughn Levi Garrett No. 1, in 14-17-20, is waiting on cement to set a second string of pipe at approximately 2,300 feet. The drillers expect to drill below this pipe by this week-end.

The Standard Oil Company continues efforts to shut off salt water in Tena Crumpler No. 1 in 15-17-20, Village area, and if this cannot be done, it will plug back to around 5,000 feet and whipstock out the hole and drill a new hole from 5,000 to the producing lime.

Standard's Ed Harris No. 1 in 15-17-19, and the Company's L. Harris No. 1 in 15-17-19 have derricks up, but are awaiting outcome of the Tena Crumpler.

The Tidewater Associated Oil Company's J. T. Beene No. 1, in 15-18-19, is preparing to run string pipe to 2,300 feet, and expects to be below the depth by tomorrow.

There has been considerable royalty buying around the old Olds test, two miles northwest of Magnolia.

Standard's Warren No. 1 Due In Over Week-End.

Special to the Gazette. 9-25-38
Stamps, Sept. 24.—The Standard's Warren No. 2 Buckner area, section 18-16-22, is waiting on cement to set after running producing string of casing at 7,255 feet. Pay sand was reached the first of the week. The plug will be drilled and the well probably brought in tomorrow.

Levi Garrett Wells in Magnolia Area Watched.

Special to the Gazette. 10-2-38
Magnolia, Oct. 1.—Two Levi Garrett No. 1 wells, Grady Vaughn's in Section 14-17-20 and the Atlantic Oil and Refining Company's in 13-17-20, are being watched closely as they approach the expected pay zone, as their success or failure will "prove" the area south and east of the Barnett discovery well.

The Vaughn test, in the center of the southeast quarter of the southeast quarter, recovered lime and shale in a core from 3,985 to 4,005 feet the middle of the week and now is drilling at about 4,800 feet. Operators expect it to reach the pay zone by October 15. The Atlantic's test, in the center of the northwest quarter of the southwest quarter, had mid-string pipe run at 2,300 feet.

Pits have been dug for the Leon Russ et al. Faulk No. 1, a new location in the center of the southwest quarter of the southeast quarter of section 14-17-20, but operators are holding up while waiting for a crude oil market.

Standard's Warren No. 2, brought in a week ago, was given two acid treatments this week, 2,000 gallons on Tuesday, and 4,000 gallons on Wednesday, and then produced 48 barrels an hour through an open flow. It is possible that another acid bath will be given.

Tidewater Associated Oil Company's Beene No. 1 test, 10 miles south east of Magnolia in 15-18-19, has been waiting on cement for setting of mid-string at 2,000 feet. It is scheduled to go to the Lower Marine zone at 8,600 feet or lower.

Two Wells in Columbia County Near Pay Zone.

Special to the Gazette. 10-16-38
Magnolia, Oct. 15.—Two wells in Columbia county are expected to reach the pay sand next week, two more are ready for immediate drillings, and others are awaiting the outcome of the tests under way.

The Grady Vaughn et al's Levi Garrett No. 1 in the center of the southeast quarter of section 14-17-20 is drilling around 6,500 feet and is expected to reach the pay zone the coming week. The Atlantic Oil Company's Levi Garrett No. 1 in the center of the northwest quarter of the southwest quarter of section 13-17-20, is drilling around 5,300 feet. Both are in the Kerr-Lynn area near the Barnett No. 1 discovery well.

The Standard Oil Company's E. D. Harris No. 1, in the center of the southwest quarter of the northeast quarter of section 15-17-19 in the Village area has rigged up to set surface casing. The Standard's M. L. Harris No. 1 in the northeast quarter of the southwest quarter of section 15-17-19 in the same area, has derrick up, but it is believed that this well will await the completion of the E. D. Harris No. 1. The Phillips No. 1, discovery well, and the Pobs well are producing in the same area, but drilling in the area has been slowed by the continued trouble with the Tena Crumpler well.

New Buckner Test Ready.
The new location of the Buckner area, the McKee No. 4 in the southwest quarter of the northwest quarter of section 8-16-22, is rigging up and is expected to spud in the first of next week.

Tidewater's Associated Oil Company's Beene No. 1 in the center of the southeast quarter of the northwest quarter of section 15-18-19 is drilling around 4,500 feet, after being shut down a short time the middle of the week while machinery was being repaired.

Two new wells are expected to be started next week in the new Nevada field just over the Columbia county line. They are the J. E. Speer Phillips No. 1, in the southeast corner of the southeast quarter of the southeast quarter of section 18-14-21, which has moved in timbers preparatory to rigging up over the week-end, and the A. H. Boswell et al. Snider No. 1 in the northwest corner of the southeast quarter of the northwest quarter of section 2-15-22, which will start drilling soon. The operators are playing along this fault line and plan to sink several wells soon. One well, the Stocks No. 1, discovery well in that shallow field, is producing at 1,200 feet.

Grady Vaughn Well Blows Over Derrick in Test.

Special to the Gazette. 10-26-38
Magnolia, Oct. 25.—During a drill stem test on Grady Vaughn's Levi Garrett No. 1, Magnolia area, at noon today, the well blew over the derrick. It showed 44 fathoms of oil in the drill stem from the bottom at 7,483 feet. When the pipe was broken down, the flow showed the amount within 12 minutes.

Tests indicate the well will be the best in the county. The well showed two or three levels of saturation during the drilling before reaching the present saturation. Between 7,430 and 7,458 feet of gas and distillate were encountered. Oil saturation then was found and it extended to 7,485 feet from which the drill stem test was made. The saturation was reported better at the bottom and is expected to be better farther down. Operators are awaiting orders whether to continue deeper or to set casing and complete the well at the present depth.

This production is nearly 100 feet higher than that of the Nan Garrett No. 1 well and about 200 feet higher than that of the Kerr-Lynns Barnett No. 1, indicating a southeast trend of the field.

Casing Set for Final Testing Of Levi Garrett No. 1 Well.

Special to the Gazette. 10-28-38
Magnolia, Oct. 27.—Workmen began setting casing tonight on the Grady Vaughn Levi Garrett No. 1 well in the center of the southeast quarter of the northeast quarter of section 14-17-20 in the Magnolia area, preparatory to final testing at 7,500 feet tomorrow.

A drill stem test was made at 7,443 feet Tuesday, and showed oil saturation for 79 feet more, it was said. The well is bottomed at 7,522, but casing will be set 22 feet higher.

Two other oil saturations were cored before reaching the 92-foot level cored this week. Operators said that the well probably could have been brought in at either of the higher levels, but they believed the deeper level would be more productive.

Completion of the well as a good producer would result in immediate development of the area southwest of the Levi Garrett No. 1, which is southeast of the Nan Garrett No. 1, discovery well.

Casing Set in Atlantic Well In Magnolia Sector.

Special to the Gazette. 11-5-38
Magnolia, Nov. 4 (AP).—Casing was being set today in the Atlantic Oil Refining Company's L. Garrett No. 1 well, in the northeast quarter of the southwest quarter of Section 13-17-20. The well has 32 feet of saturation near the bottom, which is at 7,583 feet. This was found to have a space of dry lime for a short distance below 14 feet of the saturation. Operators said indications are that the well should be a good producer. It should be brought in Monday.

The Vaughn Levi Garrett No. 1, in Section 14-17-20, brought in Wednesday as the field's third and apparently biggest producer, is having trouble with water. Operators are investigating the source. The well made 200 barrels in an hour and 15 minutes after having been washed 15 minutes. It was cleaning itself and had water and mud in the first flow. It was placed on an eight-inch choke and flowed 40 to 48 barrels an hour, with less than one per cent water, but trouble appeared later. It is expected the trouble will be overcome and the well will be one of best in the county. The gas pressure registered about 1,000 pounds the first few hours the well flowed.

100th Jones Sand Well Due In

Special to the Gazette. 11-6-38
El Dorado, Nov. 5.—Three completions this week and another expected this week-end would bring to 100 the producing wells in the Jones sand of the Shuler field west of El Dorado.

There are also 16 other wells producing from the Morgan sands and the Reynolds lime.

Two of the completions were by the Phillips Petroleum Company and the other by Jones, Murphy & Hurley. The Phillips company expects to complete another test this week-end.

First completion was the Millings No. 1 of the Phillips company in the southeast corner of Lot 4 in the southwest quarter of Section 18-18-17. The sand was cored from 7,567 to 7,635 feet, with pipe set at 7,702 feet and perforated from 7,602 to 7,624 feet with 198 shots. The Phillips company also completed its A. Nelson No. 1 test in the center of the north half of Lot 3 in the northwest quarter of Section 19-18-17, in which sand was cored from 7,582 to 7,631 feet, with pipe set at 7,707 feet and perforated from 7,595 to 7,630 feet with 235 shots.

Jones, Murphy & Hurley completed its Murphy Land Company B-2 test in the center of the south half of the northeast quarter of the northeast quarter of Section 13-18-18. The well encountered the Jones sand in cores from 7,507 to 7,565 feet, with pipe set at 7,675 feet and perforated from 7,538 to 7,565 feet with 99 shots. It produced 600 barrels the first 17 hours.

Final testing is under way on the Edwards No. 1 test of the Phillips company in the center of the south half of the southwest quarter of the northeast quarter of Section 17-18-17. Sand was cored from 7,628 to 7,635 feet, with pipe set to 7,740 feet. Pipe was perforated from 7,628 to 7,635 feet with 105 shots. Washing was started on the test Wednesday and swabbing, Thursday. Operators were doubtful whether the well would be completed as a flowing test but planned to continue swabbing.

Second Phillips Test Due This Week.

The Phillips company is waiting on casing at 7,712 feet in its C. H. Murphy No. 1 test in the center of the north half of Lot 2 in the northwest quarter of Section 19-18-17. Sand was cored from 7,570 to 7,613 feet, with pipe set at 7,712 feet. Operators plan to perforate casing tomorrow from 7,590 to 7,613 feet with 207 shots and complete the well early next week.

The Lion Oil Refining Company is coring in the Reynolds lime formation below 7,675 feet in the Marcus No. 5 test in the center of Lot 5 in the northwest quarter of Section 18-18-17 and is preparing to run Schulmberger test before setting casing. Top of the lime was cored at 7,609 feet.

The Lion company is drilling ahead on six other tests and is attempting to drill out stuck rock bit on another test. Two others are waiting on rigs.

Rock bit became stuck in the Nelson No. 3 of the Lion and efforts are being made to mill out the obstruction. Total depth of the well, in Section 18-18-17, is 7,413 feet. The Morgan A-7 in Section 18-18-17 is drilling below 7,287 feet; the Dee No. 3 in Section 17-18-17, below 5,747 feet; the Marine No. 6 in Section 20-18-17, below 5,943 feet; the Bank No. 1 in Section 12-18-18, below 4,430 feet; the Nelson No. 4 in Section 18-18-17, below 3,925 feet,

and the Cecil No. 1 in Section 7-18-17, below 1,950 feet. The Marcus No. 6 in Section 18-18-17 and the Mayfield No. 7 in Section 18-18-17 are waiting on rigs.

The Phillips company is preparing to start coring in the Reynolds lime in the Sewell No. 5 test in Section 7-18-17 and is waiting on rigs on the Shatford No. 1 in Section 17-18-17, the Brian No. 2 in Section 13-18-18, and the Miller No. 2 in Section 18-18-17.

The Delta Drilling Company is waiting on casing at 7,590 feet after cementing stuck drill pipe in its Powledge No. 1 test in Section 21-18-17.

The Marine Oil Company is drilling below 2,276 feet in the Calloway No. 3 test in Section 18-18-17.

Jones, Murphy & Hurley is preparing to start its Murphy Land Company B-3 test in Section 13-18-18.

C. H. Murphy and Associates are drilling below 5,850 feet in their Fee No. 1 test in Section 13-18-18.

In the Rainbow field casing has been set and final testing will be started early next week on the Furlow No. 5 test of the Ohio Oil Company in the southeast corner of the southwest quarter of the northeast quarter of Section 12-17-14. Casing was set last week after sand was cored from 2,975 to 2,995 feet in the Crain sand with heavy oil saturation being shown. The test is a north offset to the Raulston No. 2 producer of J. R. Lockart and Associates in the same section.

In the northwest corner of the northeast quarter of the southeast quarter of Section 12-17-14, Bradham and Associates are drilling below 1,500 feet in their Raulston No. 1 test.

Lockhart and Associates are drilling below surface casing in their Raulston No. 4 test in Section 12-17-14.

Three Drill Permits Issued.

The Arkansas state Conservation Department has issued three permits to drill new tests, three to plug and abandon old tests and one to plug back and perforate.

The Texas Canadian Oil Corporation of Arp, Tex., obtained permit to drill the J. N. Stocks No. 2 test, 75 feet north and 75 feet west of the southeast corner of the northwest quarter of the southwest quarter of the southeast quarter of Section 9-15-22 in Nevada county.

The Lion Oil Refining Company obtained permits for the Marcus No. 5 test in the center of Lot 3 in the southwest quarter of Section 18-18-17 and the Mayfield No. 7 test, in the center of Lot 2 in the northwest quarter of Section 18-18-17, both in Union county.

The Crescent Drilling Company obtained permit to plug and abandon the Lena Sewell No. 1 test, 330 feet north and 330 feet east of the southwest corner of the northeast quarter of the northeast quarter of Section 12-18-18, in Union county.

The Standard Oil Company of Louisiana obtained permits to plug and abandon the R. P. Combs B-7 test, 200 feet north and 200 feet west of the southeast corner of the northwest quarter of the southeast quarter of Section 18-18-15 and the A. Hinson No. B-8 test, 460 feet north and 220 feet east of the southwest corner of the northeast quarter of the southeast quarter of Section 6-18-15, both in Union county.

J. E. Crosbie, Inc. obtained permit to plug back and perforate in the M. W. Sullivan No. 5 test, 393 feet north and 341 feet west of the southeast corner of the southeast quarter of the northwest quarter of Section 12-17-14 in Union county.

Logs were filed by the Lion Oil Refining Company for the Powledge No. 1 test, both in Union county, and by the Marine Oil Company for the Calloway No. 2 test in Union county.

Columbia Well To Show Drilling.

The Kerr-Lynn area east of Magnolia, Columbia county, Arkansas, was in line for new drilling as G. H. Vaughn et al completed L. Garrett No. 1, section 14-17-20, as the third oiler for the new Permian lime field. On first 13-hour gauge, the well made 230 barrels through 1-4-inch choke. Total depth is 7,522 feet. In the same area, and offsetting one of the other two oilers, Atlantic Refining Company's Garrett No. 1, section 13-17-14, set final casing at 7,583 feet. The well is due in Monday.

Fourth Oiler for the Kerr-Lynn Field

A fourth oiler for the Kerr-Lynn field east of Magnolia, Columbia county, Arkansas, is being drilled by the Kerr-Lynn Co. Garrett No. 1, section 12-17-20. Getting favorable showing on a drill stem test, operators set casing on bottom at 7,627 feet. In the same area, Leon Russ et al were rigging up for a new test at Barnett No. 1, section 14-17-20, a south offset to the discovery.

Atlantic Garrett No. 1 Well May Be Brought in Today.

Special to the Gazette. 11-15-38
Magnolia, Nov. 14.—The Atlantic Garrett No. 1 test oil well, in section 13-17-20, which set casing last week, is scheduled to be brought in tomorrow. A tank was being set today. The well is bottomed at 7,653 feet.

One of two new locations in the Magnolia area, the Petroleum Investment Company's Leon Russ et al J. M. Barnett No. 1 in section 14-17-20, has set surface casing after having spudded in last week. This well is a south offset to the discovery well and a west offset to the Grady Vaughn Nan Garrett. The other new location in that area is rigging up. It is the Normandie Oil Company's (J. S. Rushing et al) A. S. Crisp No. 1, in section 23-17-20. It is a south offset to Grady Vaughn's Levi Garrett No. 1, and is about three-quarters mile south and a little east of the discovery well. Other locations are expected to be announced soon.

The Tidewater Associated Oil Company's Beene No. 1, in 15-18-19, was reported to be drilling at 7,230 feet in red shale. The contract for this well calls for 8,500 feet.

The McKean No. 4, in 8-16-22, was drilling today at 5,416 feet. The Standard's E. D. Harris test, in 15-17-19, was reported drilling around 6,900 feet.

Another Well Completed In Magnolia Area

Special to the Gazette. 11-17-38
Magnolia, Nov. 16.—The Atlantic Oil Company's Levi Garrett No. 1, in Section 13-17-20, was shot 136 times early today from 7,500 to 7,622 feet and came in as the fourth producer in the Magnolia area. It flowed 139 barrels the first hour through a half-inch choke, with a small amount of wash water, soon cleaning itself.

The well was placed on a quarter-inch choke and has been making 75 barrels an hour of a high grade oil, around 40 gravity from the Permian lime. The casing pressure was 1,500 pounds and the tubing 1,100 pounds. The oil is flowing into tanks on the site. The well is bottomed at 7,627 feet.

The Tidewater Associated Oil Company's J. P. Beene well, in 15-18-19, rated sand below 7,300 feet, the third saturation since drilling started.

Royalty trading is active, selling under the well at \$200 per base acre and off-sets at around \$125.

Columbia Field Continues To Grow; Now Has 17 Wells.

Bringing In of the Atlantic's L. Garrett No. 1

Magnolia, Nov. 19.—The bringing in of the Atlantic's L. Garrett No. 1, center NW 1/4 SW 1-4, 13-17-20, Magnolia area, Wednesday, brought the number of wells in the three fields which lie in Columbia county to 15, of which 13 are in this county, and two of the eight in the Buckner area in Lafayette county, just over the border. This Buckner field, the first deep lime area brought in in the county, is on the Columbia-Lafayette line, mostly in this county.

Beane No. 1 May Open New Field.

The three fields are the Buckner, the Magnolia (Kerr-Lynn) and the Village fields, with a prospective fourth field in the area of the Tidewater Associated Oil Company's Beene No. 1, six miles south of the Village field in Section 15-18-19, which has reported several promising cores and has brought increased activities in royalty selling. This is a wildcat test, and oil men say they believe it will be a producer. It is coring below 7,300 feet. Reports were withheld after much excitement and interest were aroused Wednesday when some saturation was found for several feet at the present total depth.

The first of these 15 deep lime wells, Standard's McKean No. 1, in Section 8-16-22, blew in October 9 of last year, and was brought in a few days later as the discovery well in that field and in Columbia county. Other Standard wells following this discovery well were McKean No. 2, McKean No. 3; Crone wells, 1 and 2; Warren wells, 1 and 2, and the Waters No. 1. The McKean No. 4 now is drilling near 6,000 feet.

The Magnolia (Kerr-Lynn, now Atlantic) field was the second to come in, with Kerr-Lynn's Barnett No. 1 discovery well blowing in March 4, being completed several days later after much salt water trouble. It since has flowed steadily through three shots. This well is six miles east of Magnolia, in SW NE 1/4-17-29. The other three wells in that area are the Grady Vaughn's Nan Garrett No. 1; Grady Vaughn's L. Garrett No. 1, and the Atlantic's L. Garrett No. 1, brought in last week. Each one has been better than its predecessor, as that field grows toward the south and east. One of the two new wells starting there is to the southwest.

The Petroleum Investment Company's (Leon Russ, et al) J. M. Barnett No. 1 NW 1-4 SE 1-4, 14-17-20, is drilling below the surface casing set last week at 2,100 feet. The other location is the Normandie Oil Company's (J. S. Rushing, et al) A. S. Crisp No. 1, NE 1-4 NE 1-4, 23-17-20, rigged up. Several other locations are expected to be announced soon.

The Standard Oil Company's Phillips No. 1, SE 1-4 NW 1-4, 15-17-19, was the discovery well in the Village area and came in as a producer May 26. It is about 10 miles east of Magnolia. Other producers in that area brought in later are the Fohs No. 1 and the Standard's Tena Crumpler No. 1. The Standard's E. D. Harris No. 1 is drilling now at about 7,200 and is expected to reach the pay line soon. The same company's L. Harris in the same area is rigged up and waiting for the completion of the E. D. Harris.

There is another field, the Stephens

Magnolia Field Allowables To Be Set December 9.

Special to the Gazette. 11-30-38
El Dorado, Nov. 29.—Daily crude oil and gas allowable for the Magnolia field in Columbia county will be determined at a hearing of the Arkansas Board of Conservation here December 9. Chief Agent A. M. Crowell announced. He said that operators from the Columbia area would testify.

The daily allowable for Arkansas is 50,000 barrels of crude oil. Mr. Crowell said that 22,400 barrels were coming from prorated fields and 27,900 from unprorated fields.

"This data shows that the present daily allowable set by the board is 300 barrels under the allowable made by the Bureau of Mines," Mr. Crowell said, "if the anticipated 200 barrels a day is set for the Magnolia field."

Mr. Crowell reported that wildcat activities in several areas were booming. In Lafayette county the Shell Petroleum Company has started drilling a 9,000-foot test a mile and a half east of Lewisville. Preparations are being made to drill a deep wildcat test east of Stephens in Ouachita county in Section 23-15-19.

Beeb H-1 Wildcat Test Near Magnolia in Limelight.

Special to the Gazette. 12-6-38
Magnolia, Dec. 5.—Tidewater Associated Oil Company's Beene No. H1 in Section 15-17-19, a wildcat test under contract for 8,500 feet, obtained a saturated core of promise this morning at from 8,200 to 8,223 feet. Hopes for a producer are high, and trading picked up at once.

Standard's E. D. Harris well at Village is scheduled to be tested Wednesday. This well has shown a good saturation. The McKean No. 4, Buckner area, 8-16-22, also is due to be tested this week. Casing has been set.

Magnolia Oil Quota 1,000 Barrels Daily

Special to the Gazette. 12-8-38
El Dorado, Dec. 7.—The Arkansas Board of Conservation set an initial allowable of 1,000 barrels a day, or 250 barrels a well, for the Magnolia oil field in Columbia county today. The order is effective December 17, following a two-day shut-down to determine reservoir pressure and gas-oil ratios. The field will be shut down at 7 a. m. December 15 and will remain closed until 7 a. m. December 17. The order was issued following a study of bottom hole pressures and gas-oil ratios taken November 15. Chief Conservation Agent A. M. Crowell said.

Test reports revealed the following:

Atlantic Refining Co., Barnett No. 1, B. H. P., 3,220 and gas-oil ratio, 650; Garrett No. 1, gas-oil ratio, 800; G. H. Vaughn N. Garrett No. 1, B. H. P., 3,255, and gas-oil ratio, 1,109; L. Garrett No. 1, B. H. P., 3,260, and ratio, 1,150. The average daily production of the wells has not exceeded 250 barrels daily since the producers were brought in, Mr. Crowell said.

Fourth Oil Field In Columbia

Special to the Gazette. 12-17-38
Magnolia, Dec. 16.—Tidewater Associated Oil Company's Beene No. 1, in 15-17-19, 11 miles southeast of the Village and six miles south of the Village field of Columbia county, was com-

pleted last night as a good producer. The well was shot 48 times, washed and placed on a small choke. At 1 p. m. today it was flowing into a pit.

The oil is of 43.75 gravity. There is no salt and very little wash water. The flow has not been gauged. The gas pressure on the tubing is 1,600 pounds, and on the casing, 1,000 pounds.

The well, in wildcat territory, is bottomed at 8,332 feet, the deepest in the county. Seven-inch casing was set a few days ago at 8,291. The lime producing formation was logged at 8,183. Casing was perforated from 8,208 to 8,220.

Fourth Columbia Field.

This well opens a fourth field in this county, production coming from Permian lime formation said to be new and not altogether tried out by oil operators. It is reported that this new field insures an active drilling campaign over much of Columbia county next year.

Two other wells in the county, in the Magnolia field near the Kerr-Lynns Barnett No. 1, discovery well six miles east of here, are nearing completion. Petroleum Finance Company's Frances Barnett No. 1, in 14-17-20, is setting seven-inch casing for a production test at 7,562 feet in the lime formation after several saturated cores have been taken. The Southwood's Levi Garrett 1, in 13-17-20, is coring in saturated lime at 7,548, and is expected to set casing soon.

The Atlantic and Normandies are drilling at 3,160 and 5,180, respectively, in the same area.

Big Operator A Native Arkansan

Special to the Gazette. 12-18-38
Magnolia, Dec. 17.—Recent developments in the Columbia county oil field have brought the name of Grady Vaughan into the limelight as a big independent operator.

Vaughan was born 48 years ago in Little River county near Wilton, the son of Gene Vaughan, a planter and gin operator. He left home at 17 to begin work as a tank builder in the Louisiana oil field.

The Moran Tank Company at Oil City was his first employer. After several weeks, he got into the drilling end of the oil game and "roughnecked" for two years.

He then was transferred to the old Homer and Haynesville field as superintendent of the Simms Oil Company.

Independence was in sight when he had saved enough money to buy a drilling rig. That rig was the foundation of the widespread business he now conducts.

Vaughan operates more than 30 rigs, drilling in 17 states. He owns outright more than 120 wells in seven states and employs more than 300 men in the drilling and producing department, with an annual pay roll of about one-half million.

Develops Arkansas Field.

He has spent more than \$200,000 developing the Columbia county oil field in the area around the Kerr-Lynn discovery well. His annual business amounts to over a million dollars in purchasing supplies.

He purchased the first Fairbanks Morse Diesel engine to be operated in the New Mexico area and Old Mexico. Its operations have taken place in Arkansas, Louisiana, Texas, New Mexico, Colorado, Wyoming, Alberta, Canada, Illinois, Kansas and Kentucky.

Vaughan started operations in the Columbia area in order to get his first oil well in Arkansas.

Wife Also An Arkansan.

He married the former Miss Dixie Pipkin, daughter of Marshall Pipkin of Little River county in 1918, after returning from service in the World war. He enlisted as a private in the 89th Division and spent 14 months in France and Germany. The Argonne forest was the scene of most of his services.

Returning as a lieutenant, he took up his oil business again and worked up to a position as one of the six largest independent operators in the nation.

The Vaughans have two children, Grady Jr., 17, and Jack, 13. Grady Jr. last year attended Southern Methodist University, majoring in petroleum engineering. This year he is a student at the University of Oklahoma.

Ardent Football Fan.

The oil man is a loyal supporter of the S. M. U. football team and every year employs more than 50 boys from S. M. U., Centenary, Texas A. and M. University of Texas and the University of Oklahoma.

His office and residence are in Dallas on Lakewood boulevard, the home being a \$150,000 structure. He also operates a farm near Ben Lomond, Ark., consisting of several thousand acres. There he raises cattle and other stock.

Magnolia Area Has New Producer

12-23-38

Special to the Gazette.

Magnolia, Dec. 22.—Petroleum Finance Company's Barnett No. 1, in the northwest quarter of the southwest quarter of Section 14-17-20, in the Kerr-Lynn area of the field east of Magnolia, was brought in today on a small choke, flowing as a good producer. Operators allowed the well to clean itself and expect to gauge it during the night.

Tubing pressure was reported about 1,000 pounds and casing pressure around 600. No salt water was reported.

This is the fifth producer in the Magnolia area, where Kerr-Lynn's Barnett No. 1, discovery well, came in last March. Casing on the new well was set several days ago. Total depth is 7,562 feet. The well was shot early today and started flowing at 2:30 p. m. Southwood Oil Company's Garrett No. 1 has set casing and is waiting on cement and probably will be brought

in tomorrow or Saturday. Total depth is 7,549. This well is in the same area, Section 13-17-20. Structure encountered has been favorable.

Another Magnolia Well In

12-24-38

Special to the Gazette.

Magnolia, Dec. 23.—Southwood Oil Company's Garrett No. 1, in section 13-17-20, which was perforated yesterday, was brought in after washing today. Although the flow still is being used to clean the well, it appears to be a good producer.

Petroleum Finance Company's well, in section 14-17-20, which started flowing at 2:30 p. m. yesterday, still was cleaning itself through an eighth-inch choke today. No gauge of the oil flow or gas pressure has been made.

The wells are the fifth and sixth in the Magnolia area (Kerr-Lynn), six miles east of Magnolia. The Barnett No. 1 was the discovery well in the field, the second in the county.

Rains made roads to the wells nearly impassable today.

Active Drilling Campaign In Columbia County Seen.

1-1-39

Special to the Gazette.

Magnolia, Dec. 31.—New wells in each of the four fields of Columbia county are in prospect for early in the new year, and a refinery will be started January 15 by James B. Wright of Gladewater, Tex., in the Magnolia field, six miles east of Magnolia. Production has been found in every deep stratum explored in the county, presaging continued drilling in the proved areas and exploration of new fields.

The refinery will be located south of Highway 82 on land owned by Mrs. N. L. Baker. It will be of 2,000-barrel daily capacity.

Normandie Oil Company's L. Garrett No. 1, NE 1-4 NE 1-4 23-17-30, Magnolia (Kerr-Lynn) area, has reached 7,000 and began coring for pay lime today.

Atlantic Oil Company's F. Barnett No. 1, SW 1-4 SE 1-4 14-17-20, is drilling around 5,500 feet.

The Petroleum Oil Company's Barnett No. 1, NW 1-4 SW 1-4 14-17-20, put on flow December 22, and Southwood Oil Company's Garrett No. 1, SW 1-4 SW 1-4 13-17-20, put on flow December 23, are reported flowing 30 barrels per hour on small chokes. These two are the fifth and sixth producers in the Magnolia area.

In the Village area, Standard Oil Company's A. Lewis No. 1, NW 1-4 NE 1-4 15-17-19, has set a second string of casing after trouble with hung pipe.

Standard Oil Company's Crone No. 3 in the Buckner area, NE 1-4 SW 1-4 8-

16-22 is ready to spud in. There are nine producers in that field, the first in Columbia county.

The Tidewater Associated Oil Company's and Seaboard Oil Company's Beene No. 1, SE 1-4 SW 1-4 15-18-19, discovery well in the fourth field in the county, 1 miles southeast of Magnolia, and six miles south of the nearest producer, in the Village field, is flowing about 10 barrels an hour through an eighth-inch choke. It is high grade oil of more than 40 gravity. This well, started September 12 and brought in December 16, is the deepest well in the county, total depth being 8,332. Other producers in the county range from 7,300 to more than 7,600 feet. All are deep lime producers.

Four-Inch Oil Line to Connect Magnolia, Stephens Fields.

1-3-39

Special to the Gazette.

Magnolia, Jan. 2.—Grady Vaughn is running a four-inch oil line from his wells in the Magnolia field to join the Arkansas-Louisiana Company's line from the Stephens field to Haynesville, passing about a mile from the Magnolia field.

Normandie Oil Company's L. Garrett No. 1 23-17-20, struck saturation lime last night and is coring in lime at around 7,300 feet, which is considerably higher than that in the discovery well, and showing better structure.

Atlantic's Barnett No. 1 in 14-17-20, was reported drilling at 5,800 feet, and is expected to reach pay sand the last of the week. Petroleum Finance Co. started digging pits yesterday for a new location and Southwood started today on a new location.

Normandie's L. Garrett No. 1 To Test Today.

1-11-39

Special to the Gazette.

Magnolia, Jan. 10.—The production test for Normandie's L. Garrett No. 1, which set casing the past week, will be made tomorrow. It is at 7,445 feet and has had good saturation. It is in northeast northeast 23-17-20.

Atlantic's P. Barnett No. 1, is drilling at 7,230 and is expected to be coring soon. It is in southwest southeast 14-17-20. Both are in the Magnolia field.

Southwood's J. O. Hutcheson No. 1, Magnolia field, northeast southwest 14-17-20, is waiting on second string of casing. The A. C. Garrett No. 1, being drilled by Grady Vaughn for A. C. Goldston of Houston in southeast southwest 13-17-20, Magnolia field, spudded in today and set first string of casing tonight.

Two new locations in the Magnolia field were announced today. J. S. Rushing's A. S. Crisp No. 1, southeast northeast 23-17-20, is rigging up. Grady Vaughn's A. S. Crisp No. 1 in southeast northwest 23-17-20, has completed survey.

The Standard's A. Lewis No. 1, northwest northeast 15-17-19, Village field, is drilling at 5,054 feet. The company's Crone No. 3, Buckner field, northeast southwest 8-16-22, is drilling at 3,547 feet.

New Magnolia Field Well Brought In

1-13-39

Special to the Gazette.

Magnolia, Jan. 12.—Normandie Oil Company's L. Garrett No. 1 was completed in the northeast quarter of the northeast quarter of Section 23-17-20 of the Magnolia field today, and flowed 19 barrels an hour through three-sixteenths-inch choke. It was turned into the tanks.

The well was bottomed at 7,545 feet, with casing set at 7,517. The lime was topped at 7,380. Eighty feet of continuous porous lime was encountered. The casing pressure was 1,450 and that of the tubing was 1,200. No salt water was encountered. As the lime formation was not drilled through, it is not known how much further down it continues.

This is said to be one of the best wells of the seven in that field. It is the farthest south in the Magnolia area, and the only one in Section 23.

Atlantic's F. Barnett No. 1, 14-17-20, down to 7,460 and is looking for pay lime. Two others have started drilling.

Wagons Used as Rain Delays Magnolia Field Operations.

1-13-39

Special to the Gazette.

Magnolia, Jan. 14.—Rigging up of two new wells in the Magnolia field has been delayed the past week by rains, which have necessitated the substitution of wagons and teams for trucks in hauling men and supplies.

The Alice Sidney Oil Company's A. S. Crisp No. 1, in the southeast southeast section 23-17-20, is rigging up but its progress has been impeded. Grady Vaughn has announced location for his A. S. Crisp No. 1 in southeast northwest section 23-17-20, but no material can be delivered to the site until the mud situation is improved. Both wells are near the highway, but the newly cut roads are nearly impassable. Many workers are riding horses to work.

Completion of the Normandie Oil Company's L. Garrett No. 1 Wednesday increased the field's well total to seven. The new well is the only producer in section 23, but there are three other wells drilling in that area. The Atlantic's F. Barnett No. 1 is drilling at about 7,500 feet and probably will be coring by tomorrow. It is in southwest southeast section 14-17-20 and is being drilled by Frank and Fred Jones.

The Southwood Oil Company's J. O. Hutcheson No. 1 in northeast southwest 14-17-20, is drilling below second string casing, while Grady Vaughn's A. C. Garrett No. 1, southeast southwest 13-17-20, farthest east well in the field, is drilling below first string casing and is ready for second string casing.

New Pipeline From Magnolia Field to Texas Started.

1-15-39

Special to the Gazette.

Magnolia, Jan. 7.—Construction was started this week by a crew of 150 men of the Dixie Pipeline Company on a pipeline from the Magnolia field to Houston, Tex. The system will consist of lines from each well into a four-inch pipe line four miles long, which will connect at the Calhoun road at Nations Creek crossing, a mile east of Magnolia, with a six-inch pipeline three miles long. The six-inch pipeline will deliver the oil into the Ohio-Arkansas pipeline, which extends from Stephens to Haynesville, La., and there enters the Cities Service line into Houston. The capacity of this line is 20,000 barrels daily.

Pumping Station to Be Built.

A large pumping station and two 1,000-gallon tanks will be erected at the junction of the four-inch and six-inch lines at Nations Creek crossing. The system, when expanded, also will handle the take from the Fohs well at Village and Tidewater's Beene No. 1 in the Atlanta field. It is expected to be completed within 10 days. G. H. Vaughn, owner of the construction company, said. The pumping station site has been leased from Ed Nations.

Construction will be started by January 15 on a 2,000-barrel daily capacity refinery on a 10-acre tract six miles east of Magnolia on Highway 82, which James B. Wright of Gladewater, Tex., has leased from Mrs. N. L. Baker, owner.

This construction already under way and soon to start caused a heavy influx of oil people into the city this week, again exhausting housing facilities.

Among the newcomers were more seismograph crews, who will seek further production fields in the county, which already boasts four. Among the possible trends in drilling in the county may be attempts to complete the new wells at shallower depths. While all the wells have been sunk to the deep lime formation, below 7,300 feet, good saturation has been reported consistently from 4,000 to 4,500.

Two Wells Near Completion.

Two wells in the Magnolia field are nearing completion. The Normandie Oil Company's L. Garrett No. 1, northeast, northeast section 23-17-20, is coring in the lime at 7,464 feet and will set casing soon. This is a south offset to Grady Vaughn's Garrett No. 1, Atlantic Oil Company's F. Barnett No. 1, southwest, southeast section 14-17-20, is drilling at 7,000 feet in the same field. Both wells were started the first week in December.

Four new locations have been staked in that area, among them the Southwood Oil Company's J. O. Hutcheson No. 1, northeast, southwest section 14-17-20, which has rigged up. This tract formerly was Barnett land and is known also as Southwood's Barnett No. 1.

Standard's A. Lewis No. 1, northwest, northeast section 15-17-19, in the Village field, is drilling at 4,000 feet. It is a north offset to the E. D. Harris No. 1 producer. Standard's Crone No. 3, the tenth well in the Buckner field, is waiting on cement on 9.3-8-inch second string casing. It is in northeast, southwest section 8-16-22.

F. Barnett No. 1 Completed In Magnolia Field.

1-22-39

Special to the Gazette.

Magnolia, Jan. 21.—Atlantic Oil Refining Company completed its F. Barnett No. 1 in southwest southeast section 14-17-20 today, and reported, after allowing the well to clean itself, that pressure was good and there was no show of salt water. Operators had not completed their gauge of its production.

The well is the eighth in the Magnolia field. It was drilled to total depth of 7,710 feet, with casing set at 7,499 feet. It encountered the lime from 7,464 feet to its bottom.

Southwood's J. O. Hutcheson No. 1, northeast southwest 14-17-20, is drilling at 5,000 feet. Vaughn's A. C. Garrett No. 1, nearing 3,000 feet, had rig trouble and has been shut down until troubles are remedied. Vaughn's A. S. Crisp No. 1, southeast northwest 23-17-20, has been delayed because of the severe rains and mud, but is scheduled to be started soon. This is in the same section in which Normandie Oil Company last week completed the section's first well, which is flowing steadily.

Alice Sidney Oil Company's (Dr. J. S. Rushing) A. S. Crisp No. 1, also in 23-17-20, which has been rigging up, has been delayed by mud and water, but that trouble seems about over.

The Dixie Pipeline Company's system, which will serve the entire Magnolia field, nearly has been completed and has been placed in use. The oil is delivered by the Ohio-Arkansas line from Stephens to Haynesville, La., thence from Haynesville to Houston, Tex., via the Cities Service line.

The A. C. Wesson well, two miles north of Stephens, by the Deep Rock Corporation, northeast southeast 23-15-19, Ouachita county, being drilled by Grady Vaughn, whose Arkansas headquarters are in Magnolia, is 4,200 feet.

Standard's Crone No. 3, northeast southwest 8-16-22, Buckner area, is drilling at 5,202 feet, and the company's A. Lewis No. 1, northwest southwest 15-17-19, Village field, at 6,313.

Three Wells Drilling, Two Ready To Start in Magnolia Field.

Special to the Gazette. 1-29-39

Magolia, Jan. 28.—Three wells are drilling in the Magnolia field and two have rigged up, ready for beginning in the same field. The new Atlantic F. Barnett No. 1 is flowing well and has become one of the best producers in the field.

The three drilling are Southwood Oil Company's J. O. Hutcheson No. 1, northeast southwest, 14-17-20, started January 8, now down nearly to 6,000 feet, drillers, Frank and Fred Jones; W. L. Goldston's A. C. Garrett No. 1, southeast southwest, 13-17-20, being drilled by Grady Vaughan, now 5,700; Alice Sidney Oil Company's (Dr. J. S. Rushing) A. S. Crisp No. 1, southeast northeast, 23-17-20, completed rigging up Thursday after having been delayed by bad weather, and spudded in today for first string of casing.

The two locations rigged up or rigging up and about ready to begin are Atlantic's new well, A. C. Crisp No. 1, northwest northeast 23-14-20, by Crescent Drilling Company, and Southwood's J. O. Hutcheson No. 2, southeast southwest, 14-17-20, which is being rigged up by the Big West Drilling Company.

Three Wells Drilling, Two Ready To Start in Magnolia Field.

Special to the Gazette. 1-29-39

Magolia, Jan. 28.—Three wells are drilling in the Magnolia field and two have rigged up, ready for beginning in the same field. The new Atlantic F. Barnett No. 1 is flowing well and has become one of the best producers in the field.

The three drilling are Southwood Oil Company's J. O. Hutcheson No. 1, northeast southwest, 14-17-20, started January 8, now down nearly to 6,000 feet, drillers, Frank and Fred Jones; W. L. Goldston's A. C. Garrett No. 1, southeast southwest, 13-17-20, being drilled by Grady Vaughan, now 5,700; Alice Sidney Oil Company's (Dr. J. S. Rushing) A. S. Crisp No. 1, southeast northeast, 23-17-20, completed rigging up Thursday after having been delayed by bad weather, and spudded in today for first string of casing.

The two locations rigged up or rigging up and about ready to begin are Atlantic's new well, A. C. Crisp No. 1, northwest northeast 23-14-20, by Crescent Drilling Company, and Southwood's J. O. Hutcheson No. 2, southeast southwest, 14-17-20, which is being rigged up by the Big West Drilling Company.

The Dr. Rushing well and the new one of the Atlantic are in section 23. The Normandie Oil Company's L. Garrett, was brought in January 10 as the first in that section. One or more locations are expected to be announced soon for section 24, following the apparent extension of the field south and east.

Grady Vaughan has announced he would drill another well in section 23, following completion of his well now drilling in that field.

Standard Oil Company's Crone No. 3, northeast southwest, 8-16-22, Buckner field, is drilling around 6,700 feet. The company's A. Lewis No. 1, northwest northeast, 15-17-19, Village field, is still fishing for a drilling collar and bit lost a few days ago at 7,704 feet.

New Magnolia Well Staked; Five Others Drilling.

Special to the Gazette. 2-5-39

Magolia, Feb. 4.—Five wells are drilling and one new location has been staked by the Atlantic Oil and Refining Co. in the Magnolia field, the most active area in Columbia county.

The new location was the L. Garrett No. 2, which was rigged up yesterday by the Crescent Drilling Company in northwest northwest Section 24-17-20, a southeast location.

Southwood's J. O. Hutcheson No. 1 in northeast southwest Section 14-17-20 is drilling at 7,100 feet. The same company's J. O. Hutcheson No. 2 in the southeast southwest Section 14-17-20, is nearing 2,000 feet. Goldston's A. C. Garrett well, being drilled by G. H. Vaughan in southeast southwest Section 13-17-20, is drilling at 7,100 feet and is expected to be coring next week. Alice Sidney Oil Company's (Dr. J. S. Rushing, El Dorado) A. S. Crisp No. 1, southeast northeast 23-17-20, is drilling at 2,800 feet. Atlantic's A. S. Crisp in northwest northeast 23-17-20 is down to 2,500 feet and will set second string casing at 3,200 feet.

In the Buckner field Standard Oil Company is ready to begin coring on its Crone No. 3, northeast southwest 8-16-22, at 7,241 feet, officials reported. At the company's A. Lewis No. 1, Village field, northwest northeast 15-17-19, which has had considerable trouble trying to fish out a lost collar and bit, operators have cemented back to 6,394 and plan to drill past the obstruction at 6,704 feet.

Deep Rock Oil Company's A. C. Weston in Section 25-15-17, Stephens area wildcat, Ouachita county, being drilled by Grady Vaughan, and watched with much interest in this section, is wait-

ing on orders after a Schlumber survey at 6,000 feet.

A large acreage block is being assembled by Standard and Phillips Oil Companies in Sections 3, 4, 5 and 6, where considerable interest has centered because of the wildcat test drilled in that section last winter by J. W. Olds. The well was drilled to 4,500 but has not gone deeper, as that was the contract depth. Several showings were encountered in the test. It is expected that another location will be announced there soon.

Geologist Terms Magnolia Field One of Nation's Best.

Special to the Gazette. 2-13-39

Magolia, Feb. 11.—A report by Walker Pittman, Magnolia geologist, a graduate of the Universities of Arkansas and North Carolina, in which he termed the Magnolia field one of the richest in the United States, provided much encouragement to the oil fraternity here. Mr. Pittman reported that the oil producing stratum was more than 100 feet thick here and that the producing area would include more than 12,000 acres. He said that each royalty acre should produce more than 6,000 barrels and that oil recovery might be expected to exceed 50,000 barrels per acre.

Mr. Pittman said Columbia county's development as an oil center in 1938 was "very significant, since Arkansas was considered among oil company geological departments as a 'has been' state as late as January 1, 1938." He recalled that practically all the major oil companies had checked over and turned down the Magnolia area as structurally "flat" and of no value for oil production until the Kerr-Lynn Barnett No. 1 was brought in.

Two New Wells Due In. Two wells in the Magnolia field are expected to be completed the first of next week, Southwood's J. O. Hutcheson No. 1, northeast southwest, 14-17-20, which has set casing at 7,565, and the Golston A. C. Garrett No. 1, southeast southwest, 13-17-20, which is bottomed at 7,510 and has set casing. These two wells have shown good saturation in the lime and would be the ninth and 10th wells in the field. The Southwood cored from 7,500 to total depth, and the Goldston's from 7,450 to the bottom.

Southwood's J. O. Hutcheson No. 2 is drilling at 3,400, in southeast south-

west 14-17-20. The Alice Sidney Oil Company's (Dr. J. S. Rushing) A. S. Crisp No. 1, southeast northeast 23-17-20, is drilling near 5,000 feet. Atlantic's A. S. Crisp No. 1, has set second string of casing and will be drilling below that this week-end. Atlantic's new L. Garrett B-1, northwest northwest 24-17-20, has rigged up and was expected to spud in several days ago, but excessive rains hindered work. Operators are ready to resume work.

Two New Locations Announced. Two locations have been announced in the field in addition to several which had been announced and are being delayed for various reasons, principally the excessive rains and mud, which have made hauling nearly impossible. One is the Southwood Oil Company's L. A. Grelling No. 1, in northeast northwest section 23-17-20, the southwest portion of the field, and Southwood and Goldston's L. Garrett in northeast southwest, section 13-17-20, on the east edge of the field. The latter is a north offset to Goldston's A. C. Garrett, which has set casing and is awaiting completion. Rigs will be moved onto the new locations as soon as the wells now due in are completed.

Officials said that a dozen or more other locations tentatively have been made in the field and it is expected they will be announced as soon as weather conditions are better.

Standard's A. Lewis No. 1, northwest northeast, 15-17-19, Village field, is drilling a new hole after plugging back from the recent fishing trouble and is drilling at 7,000 feet. Plug was drilled on the Crone No. 3 yesterday and operators were attempting to underream today. Casing was set at 7,223.

Columbia Field Registers 24th Well; Six Others Planned.

Special to the Gazette. 2-26-39

Magolia, Feb. 25.—Completion of the Standard's A. Lewis No. 1, fifth deep lime well in the Village field Thursday raised Columbia county's total of producers to 24, and the number in this immediate section to 26. The other two wells are in the Buckner field, just over the line in Lafayette county.

Five wells in the Magnolia field are drilling and two others are preparing to start, while one in the Buckner field is building derrick and one in the Atlanta field is moving in equipment.

A. Lewis No. 1 Best in Field. The A. Lewis No. 1, in northwest northeast section 15-17-19, flowed 125 barrels while open Thursday. When it had cleaned itself late Thursday night and was placed on a 3-8-inch choke and turned into the tanks, it gauged 14 bar-

rels per hour, with a gas-oil ratio of 1,000 to 1, and the BSW one-half of one per cent. Casing pressure was 1,700 and tubing pressure was 1,600. Gravity of the oil is 39.40, about the same as all from the deep lime in these fields. This well was pronounced by oil men as the best producer of the five in the Village field.

The five wells drilling in the Magnolia field are: Alice Sidney Oil Company (Dr. J. S. Rushing), A. S. Crisp No. 1, southeast, northeast, 23-17-20, drilling around 6,800 feet, likely to reach pay next week; Southwood Oil Company's J. O. Hutcheson No. 2, southeast southwest, 14-17-20, drilling at 6,600; Atlantic Oil and Refining Company's A. S. Crisp No. 1, fishing at 5,300 feet for a "twist off" lost in the hole; Atlantic Oil Company's L. Garrett B. 1, drilling around 4,700; Normandie-Goldston's Garrett No. 1, drilling at 3,000 feet.

Wells ready to start drilling are Hassie Hunt's (Penrod Drilling Company) Talley No. 1 northwest southwest 14-17-20, Magnolia field, moving in materials; Southwood's L. A. Grelling No. 1, northeast northwest, 23-17-20, Magnolia field, rigging up; Standard's McKean No. 5, Buckner field, southwest, northwest, southeast, 1-16-22, building derrick; Tidewater-Seaboard Oil Company's Price No. 1, northeast, southwest, 15-17-19, Atlanta field, near Beene No. 1, which was completed December 16, moving in. The Price No. 1 will be drilled by Grady Vaughan, who drilled in the Beene No. 1.

Columbia County Has Boom Week in Drilling, Leasing.

Special to the Gazette. 3-5-39

Magolia, March 4.—This was one of the most active weeks in Columbia county since oil was discovered. The activities included drilling progress in the four fields already discovered and the announcement of a test in a wildcat area that has given continued encouragement.

This new deep lime wildcat, the Phillips Petroleum Company's June Rogers No. 1, in northeast northwest Section 4-17-21, is two and a half miles northwest of the Magnolia near the Olds test, which was taken to nearly 5,000 feet last winter. It is on land owned by June E. Rogers, who owns 25 of the 40 acres on which the test is located. The Askew estate owns the other 15 acres. A plank road is being built to the well.

2,000 Acres Leased From Warnock. Another new movement was the leasing of more than 2,000 acres in one block, centering around Warnock Springs, Section 26-16-20, a little more than five miles northeast of Magnolia, by R. S. Warnock Jr. to a major oil company. The price paid and the name of the purchaser were not announced but it was reported a good lease price was paid. This is a part of a 3,000-acre block of the estate of the late Senator R. S. Warnock. This lease has opened the way for many small landowners in that section to lease smaller acreages and inspired much other trading in the county this week.

Another favorable feature indicating continued development in the Atlanta field was the spudding in Thursday night of a new location by the Tidewater-Seaboard Oil Company's Price No. 1, northeast southwest, Section 15-18-19, a south offset to the company's Beene No. 1, Atlanta field opener. This will be drilled by the Big West Drilling Company.

Two Wells Due In This Week.

Two wells are coring in deep lime in Magnolia field, six miles east of Magnolia, and are due to be completed next week, with two others close behind them. The two wells coring are the Southwood's J. O. Hutcheson No. 2, northeast southwest, 14-17-20, and the Dr. Rushing's (Alice Sidney Oil Company) A. S. Crisp No. 1, southeast northwest, 23-17-20. Both are coring near 7,380 feet. Others drilling in that field are: Normandie-Goldston L. Garrett No. 1, at about 5,800 feet in northeast southwest, 13-17-20; Atlantic's A. S. Crisp No. 1 northwest northeast, 23-17-20, about 5,800 feet after completing a fishing job of several days for a "twist off" in the hole; Atlantic's L. Garrett B. L., northwest northwest, 24-17-20, about 5,300; Southwood's L. A. Grelling No. 1, is down below second string of casing; Grady Vaughan's A. S. Crisp No. 1, has rigged up and is ready to start in southeast northwest, 13-17-20; Hassie Hunt's (Penrod Drilling Company) Talley No. 1, northwest southwest, 14-17-20, is setting second string of surface casing; Standard's McKean No. 5, Buckner field, northwest southeast, 7-16-22, spudded in Wednesday and set first string of surface casing. The same company's, Minnie

Phillips Petroleum Company's June E. Rogers No. 1, northeast northwest, 4-17-21, two and a half miles northwest of Magnolia, a wildcat, but near the Olds' Mary B. Dennis, drilled a little more than a year ago to near 5,000 feet, is expected to be ready to spud in this week-end.

Twelfth, Thirteenth Wells Due In. It is expected that 13 oilers will be

producing in the Magnolia oil field Monday, extending the area east, south and west. The completion of Southwood's J. O. Hutcheson No. 2, northeast southwest section 14-17-20, was a good producer yesterday due in this week-end are the Sydney Oil Company's (Dr. J. C. Rushing) Crisp No. 1, southeast northwest section 23-17-20, and Atlantic Oil and Refining Co.'s L. Garrett B. 1, northwest northwest, section 24-17-20.

Other wells drilling are Normandie-Goldston's Garrett No. 1, northeast southwest, 13-17-20, drilling at 7,000 feet; Hassie Hunt's (Penrod Drilling Co.) Talley No. 1 northwest southwest 14-17-20, drilling at 3,500 feet; Atlantic Crisp No. 1, northwest northeast, 23-17-20, drilling at 5,950 feet; Southwood's L. A. Grelling No. 1, northeast northwest, 23-17-20, fishing for a "twist off" at 3,800 feet; Grady Vaughan's Crisp No. 1, southeast northwest, 23-17-20, has set second string of surface casing at 2,200 feet.

New locations in the same field are: Southwood's L. Garrett B. 1, southwest northwest, 24-17-20, an east offset to the Sydney Oil Company's Crisp No. 1, which is building derrick; Southwood's L. A. Grelling No. 2, northwest northwest, 23-17-20, a west offset to L. A. Grelling No. 1, which will be started as soon as the Grelling No. 1 is completed; Grady Vaughan's Crisp No. 2, northeast southwest, 23-17-20, a new location, expected to start soon.

Drilling of the Hassie Hunt well, a south offset to the Atlantic's Talley No. 1, has increased trading west of the field toward Magnolia. The Talley No. 1, one of the first wells in the field, located on the western edge, was given up as dry, but some operators said failure to core soon enough was responsible for lack of production. Royalty sales on 20 acres of the King estate, in sections 21 and 16, Thursday brought \$150 per base acre.

In the Village field, the Standard Oil Company's Minnie E. Harris No. 1, 15-17-19, set second string 9 5/8-inch surface casing Thursday night at 2,395. Standard's McKean No. 5, Buckner field, northwest southeast, 7-16-22, is drilling below 3,690.

Tidewater-Seaboard Oil Company's Price No. 1, northeast southwest, 15-18-19 south offset to the Atlanta field, Beene No. 1, by the same company, is waiting on second string of casing around 2,200 feet.

Phillips Petroleum Company's June E. Rogers No. 1, northeast northwest, 4-17-21, two and a half miles northwest of Magnolia, a wildcat, but near the Olds' Mary B. Dennis, drilled a little more than a year ago to near 5,000 feet, is expected to be ready to spud in this week-end.

Alice Sydney Gets New Well Near Magnolia

Special to the Gazette. 3-12-39

Magolia, March 11.—The twelfth producer was brought in today in the Magnolia field, the Alice Sidney Oil Company's (Dr. J. S. Rushing) A. S. Crisp No. 1, in 23-17-20. It was flowing late today through 1 1/8 inch choke, and almost cleaned itself after starting to flow about 9 a. m.

This well, which was started a month ago, was bottomed at approximately 7,525 feet. Casing was set at around 7,497. Saturation was topped in the deep lime at about 7,595. There is approximately 125 feet of pay formation.

The 11th well, South Wood's Hutcheson No. 2, in section 24, was brought in yesterday. Atlantic's L. Garrett B-1 in section 24, same field, is due in tomorrow.

Atlantic's

Garrett B-1 Completed

Special to the Gazette. 3-17-39

Magolia, March 16.—Atlantic Oil and Refining Company's Garrett B-1, in 24-17-20, was flowing into tanks today after a final test last night. It flowed briefly last night, but gas pressure on the tubing checked the flow. It was necessary to correct a cement defect.

The well, the 13th in the field, was cleaning itself today. It was pronounced a good producer. Casing was set March 6.

Normandie-Goldston's L. Garrett No. 1, in 13-17-20, has casing set at 7,582 feet and is due in the first of next week. The Atlantic Crisp No. 1 has been coring and was reaming today. Its depth is approximately 7,568 feet.

Garrett No. 1, Magnolia Area, Completed

Special to the Gazette. 3-22-39

Magolia, March 21.—The Normandie-Goldston L. Garrett No. 1 in section 13-13-20, Magnolia field, became the 14th producer in the field today. It is in the eastern border of the field and a north offset to Goldstone's A. C. Garrett No. 1.

This new well began flowing into pits the middle of the afternoon, and is cleaning itself. A gauge will not be taken until tomorrow after the well has cleaned itself and is turned into the tanks. It appears to be a good producer. It reached pay sand at 7,554 feet. The total depth is around 7,582 feet, with casing set near the bottom.

Atlantic's A. S. Crisp No. 1 set production casing Friday and will be next to be completed, probably the middle of this week. It is in section 23-17-20 and was bottomed at 7,599 feet.

Another Oil Well In Near Magnolia

Special to the Gazette. 3-23-39

Magolia, March 22.—Atlantic Oil and Refining Company's A. H. Crisp No. 1 well came in today, and is flowing into the pits. It is in Section 23-14-20. It was bottomed at 7,610 feet with casing set at 7,589. Top of pay was reached at 7,497. It will not be gauged until tomorrow.

Normandie-Goldston's L. Garrett No. 1, which came in yesterday, still was cleaning itself late today into pits and had not been gauged. An official said it is one of the best wells in the field, although its pay structure apparently is thinner than that of wells further south in the field. It is a south offset to one of the dry holes drilled early in the development of the field.

Two More Pipelines to Furnish Outlets for Columbia Oil.

Special to the Gazette. 3-26-39

Magolia, March 25.—Two more pipelines are being planned or constructed in Columbia county for conveyance of oil to markets. They are the Tidewater-Seaboard Oil Company's line from the Atlanta field to a pumping station near Magnolia field, connecting with the Dixie Pipeline Company's recently constructed pipeline for the Magnolia field, which conveys the oil to a line from Stephens to Haynesville, running near Magnolia. This crude is conveyed from Haynesville to Houston through another system.

A new and larger system is being surveyed and will be laid soon by the newly incorporated Columbia County Pipeline Company. The company includes the following incorporators, Leon F. Russ, John R. Black, Dallas, Tex.; William H. Bonner, Houston, and George Frankel New York.

This company plans to run a pipeline from the Magnolia field through Atlanta field to connect with another pipeline from Shuler to Port Arthur, Tex., which runs through the southeastern part of this county. W. D. McKay is the agent for the company here. The business of the company will include the transportation and conveyance of oil and gas by pipelines, railroads, tank cars, boats, barges and the purchase and marketing of oil and gas and all by-products.

Halliburton Company, Shreveport, well workers with tools, etc., for correcting troubles, is building a headquarters for trucks just west of the railroad here and will station a manager here.

14th, 15th Mangers Added.

Two new wells added this week increased the Magnolia field total to 15, with three others expecting to reach pay structure soon. The completions are Normandie-Goldston's L. Garrett No. 1, ne sw 13-17-20, and Atlantic's A. S. Crisp No. 1, nw ne, 23-17-20. The Normandie-Goldston's had a thinner pay level, and is seemingly on the north of the Magnolia structure. It appears to be a good producer, although the gas pressure is hardly up to par. On the 40 north Atlantic's Baker No. 1 was given up early in development as dry.

Other wells nearing interesting depths in the field are: Grady Vaughan's A. S. Crisp No. 1, se nw, 23-17-20, drilling at 6,200; Hunt's (Penrod Drilling Company) Talley No. 1, nw sw, 14-17-20, drilling at 5,800; Southwood's L. A. Grelling No. 1, ne nw, 23-17-20, nearing 4,250 after having had to drill a new hole from around 3,700 following a fishing job of several days; Atlantic's Garrett D-1, ne nw, 24-17-20, which has set second string of casing at 2,415.

Others rigging up are: Southwood's L. A. Grelling No. 2, nw nw, 23-17-20; Southwood's L. Garrett B-1, sw nw, 24-17-20; Vaughan's Crisp No. 2, nw sw 23-17-20. Vaughan's Baker No. 1 (Delton Baker lease) se se, 15-17-20, is building derrick.

In the Buckner field, Standard's McKean 5, nw se, 7-16-22, is drilling around 6,000. Standard's Minnie E. Harris No. 1 Village field, ne sw, 15-17-19, is drilling around 5,800. Standard's new location, J. J. Gunnel's No. 1, se ne, 16-17-19, is at 2,014 and ready to set second string of surface casing.

Tidewater-Seaboard Oil Company's Price No. 1 ne sw, 15-18-19, Atlanta field, is around 5,300.

Phillips' Wildcat Watched.

Phillips Petroleum Company's wildcat test, two and a half miles northwest of Magnolia on June E. Rogers' farm, is straightening a crooked hole. It was found after reaching 3,000 feet, that the drilling was sidetracking. Four hundred and fifteen sacks of cement were poured into the hole this week, and operators will drill through this. It was found that the hole was 3 1/4 degrees off. Greater interest is centered in this test than in any other in the county as it would be the fifth field opener for the county. It is a deep lime test.

Atlanta Field Oil Reported To Be of Paraffin Base.

A sample of petroleum from the discovery well of the Atlanta district in Columbia county is a paraffin base crude oil, an analysis made by the Bureau of Mines, United States Department of the Interior, showed. In contrast, samples from similar producing horizons in the neighboring Shuler, Village and Magnolia fields have been found to be intermediate in character.

The crude oil sample has a gravity of 42.6 degrees A. P. I., is brownish-green in color, contains 0.49 per cent sulphur, and has a carbon residue content of 0.4 per cent. Distillation by the Bureau of Mines Hempel method indicates that it contains approximately 35 per cent gasoline and naphtha, 20 per cent kerosene distillate, and 30 per cent gas oil and heavier distillates.

The oil was obtained from the J. T. Beene No. 1 well soon after it was opened for flow in December, 1938. This well is approximately five miles south of Village, and approximately seven miles west of the Shuler field.

16th Producer Expected Next Week Near Magnolia.

Special to the Gazette. 4-1-39

Magolia, March 31.—A sixteenth producer is looming for the Magnolia field next week, following the setting of seven-inch casing today on Grady Vaughan's Crisp No. 1, in 23-17-20 at 7,525 feet. This well is bottomed at 7,545. It has shown good saturation through a considerable depth. Coring has been in progress several days.

Easter Week May Set Record In Magnolia Oil Area.

Special to the Gazette. 4-2-39

Magolia, April 1.—One well, Grady Vaughan's A. S. Crisp No. 1, is expected in next week, and the following week is expected to set an all-time high for completions in the Magnolia area. Eight wells other than the A. S. Crisp No. 1 are drilling, and another is rigging up.

Two others are in the Village field, one each in the Buckner and Atlanta fields, and a wildcat is being drilled two miles northwest of Magnolia. One to three other wildcats will be drilled in some of the several untouched "highs" in the county.

Completion Would Be 16th.

The A. S. Crisp No. 1 would be the 16th well in the Magnolia field. It is in southeast northwest 23-17-20. Seven-inch casing was set Thursday night at 7,525 feet, 20 feet above the bottom. This well had been coring several days through 100 feet of good lime pay, and it is expected to be another first class producer. Grady Vaughan has been here from Dallas.

Others drilling in the same field and their approximate depths are: Southwood's L. A. Grelling, No. 1, northeast northwest, 23-17-20, 6,000 feet; Southwood's L. A. Grelling No. 2, northwest northwest, 23-17-20, 4,900 feet; Southwood's L. Garrett B. 1, northwest northwest, 24-17-20, 5,900 feet; Atlantic's D. Garrett D. 1, northeast northwest, 24-17-20, 5,000 feet; Atlantic's Garrett C. 1, southwest southwest 13-17-20, has set second string of 9 5/8 surface casing at 3,300 feet; Hassie Hunt's Talley No. 1, northwest southwest, 14-17-20, 6,400 feet.

Another new location, Shell Oil Company's L. Garrett No. 1, northwest southeast, 13-17-20, is rigging up. This is a north offset to the Atlantic's Garrett C-1. Both extend farther east than any others in the field. Highway 82 curves southeast from Magnolia at this point, and the new Shell location is on left of the road going east. All producers in the field are on the right of the road traveling east.

Grady Vaughn's Baker No. 1, in southeast corner of section 15, is the farthest west of any others in the field, giving the field a two-mile spread east and west. It is drilling at 4,200 feet.

McKean No. 5 Begins Coring.
Standard's McKean No. 5, northwest southeast, 7-16-22, is down to 7,200 feet and started coring for pay last night, Buckner field. The company's Minnie E. Harris No. 1, northeast southwest, 15-17-19, Village field, is at 7,086 feet and is expected to start

coring the first of next week. Standard's J. J. Gunnels No. 1, southeast northeast, 16-17-19, Village field, is drilling around 4,450.

Phillips Petroleum Company's wildcat, Rogers No. 1, northeast northwest, 4-17-21, is at 3,000 feet after drilling through cement which was poured into the hole several days ago when it was found to be crooked. This well is being watched closely, not only by operators here, but by other officials, as it is a study of the deep lime formation, and likely a fifth opener for the county.

Other wildcat locations are in prospect soon. Near Ebenezer church, north of Village and northeast of Magnolia about 12 miles, leasing has been very active. Around Macedonia, 10 miles southwest of Magnolia, and a few miles on southeast locations are being shot by seismograph crews. Interest is still keen around section 26, where R. S. Warnock recently leased more than 2,000 acres in one block to the Standard Company. Smaller landowners in the same vicinity have been leasing and selling royalties at good prices.

Business Increasing Here.

Business is increasing by new firms coming in as whole operators, or establishing branch offices or businesses here. The McWilliams Auto Company of El Dorado has established a salesroom here, with L. D. Sanders in charge.

Halliburton Oil Well Cementing Company, Shreveport, has established truck headquarters here, with J. D. Marritt and Leo Wildbur of El Dorado, in charge.

El Dorado Foundry and Machine Shop has established a branch business here in a large building just being completed on West Calhoun street, near the L. and N. W. tracks.

Crisp No. 1 In; Magnolia Field's 16th

4-4-39

Special to the Gazette.

Magnolia, April 4.—Grady Vaughn's Crisp No. 1, southeast quarter northwest quarter 23-17-20, Magnolia field, was completed today after drilling plug late yesterday.

Its flow was turned into the tanks and is averaging 33 barrels an hour through quarter-inch choke. Total depth is 7,545 feet, with casing set to 7,525. Casing pressure is 1,000 pounds. The superintendent said the well, the 16th in the field, is one of the best. It showed more than 100 feet of pay lime structure.

McKean No. 5 Due Today.

Standard's McKean No. 5, northwest quarter southeast quarter, 7-17-20, Buckner field, over the line in Lafayette county, is due to be completed tomorrow afternoon. Casing was set Friday at 7,220 feet. Total depth is 7,245 feet. This would be the 11th well in the Buckner field, the oldest field in the county. It was opened by Standard Oil Company of Louisiana October 26, 1937, when the McKean No. 1 was brought in as Columbia county's first deep lime producer.

Standard's Minnie E. Harris, Village field, northeast quarter southwest quarter, 15-17-19, is down to 7,294 feet and is due to be completed soon.

McKean No. 5, Buckner's 11th Producer

Magnolia, April 7.—Standard's McKean No. 5 in northwest southeast of section 7-16-22, Buckner field, just over the line in Lafayette county, was completed today after being acidized last

night. It is making about 20 barrels an hour through a quarter-inch choke.

This is the eleventh well in the Buckner field, Columbia county's oldest deep lime field. Total depth of the well is 7,254 feet. Six-inch casing was set at 7,220. After operators had drilled the plug yesterday, the well failed to flow, but after the treatment with acid it came in as a good producer.

Minnie E. Harris Ready to Core.

Standard's Minnie E. Harris, northeast southwest 15-17-19, is preparing to core at 7,415, after running Schlumberger test last night.

Hunt's Rally No. 1, northwest southwest 14-17-20, which lost its bit early today at 7,256 and fished until about noon, cleared the hole and continued to 7,400. Operators started coring at that depth late tonight.

Buckner Field Adds 11th Well; Others in Area Due.

4-9-39

Special to the Gazette.

Magnolia, April 8.—The Buckner field on the western edge of Columbia county and eastern rim of Lafayette county registered its 11th producer yesterday when Standard's McKean No. 5 in northwest southeast section 7-16-22 was completed at 7,256 feet. The well was the 33d in this area.

Standard's Minnie E. Harris, northeast southwest section 15-17-19, Village area, started coring last night after running a Schlumberger test. It would be the sixth producer for the Village field.

Among Magnolia field wells nearing the pay is Hassie Hunt's Talley No. 1, northwest southwest, 14-17-20, which will begin coring at 7,400 feet after having fished out a bit yesterday at 7,256 feet. This well is reported to be logging with other producers in that area, although it is a south offset to Atlantic's Talley No. 1, abandoned as a dry hole early in the development of the field. Other tentative locations nearer Magnolia are waiting the outcome of this well.

Southwood's L. Garrett B. 1, southwest northwest, 24-17-20, has reached 7,510 feet and is expected to be coring during the week-end. Southwood's L. A. Grelling No. 1, northeast northwest, 23-17-20, is drilling at 7,140 feet, and will follow closely after the company's Grelling 1.

Atlantic's L. Garrett D. 1, northeast northwest, 24-17-20, is drilling at 6,279 and the company's L. Garrett C. 1, southwest southeast, 13-17-20, is down 5,289 feet. Grady Vaughn's Baker No. 1, southeast southeast, 15-17-20, is down at 5,915. Shell Oil Company's L. Garrett No. 1, northwest southeast, 13-17-20, is drilling below first string of casing and is at 1,650 feet.

Field Spreading in Three Directions.

The field is spreading south, east and west. It is expected that Grady Vaughn, who completed his Crisp No. 1, southeast northwest, 23-17-20, will announce the beginning of his Crisp No. 2, northeast southwest, 23-17-20, at once.

Tidewater-Seaboard's Price No. 1, Atlanta field, northeast southwest, a south offset to the company's Beene No. 1, is down at 6,781 and ready to core.

Standard's J. J. Gunnels No. 1, southeast northwest, 16-17-19, is drilling ahead at 6,150 feet in sand and shale.

Phillips Petroleum Company's June E. Rogers No. 1, northeast northwest, 4-17-21, on which hopes are high for a fifth field opener for the county, is having trouble again and is fishing at 3,250. It had just gotten well started after correcting a crooked hole with

415 sacks of cement when the new trouble halted drilling again.

Tidewater-Seaboard completed their approximately eight miles of pipeline Wednesday. This connects the Atlanta field with the Magnolia field and the combined system conveys the crude to the Arkansas-Ohio line through the Hassan pumping station at the juncture of the two systems with the Ohio-Arkansas which runs from the shallow Stephens field to Haynesville, La. From there the oil goes through a system to south Texas market outlets.

New Pipeline Planned.

Standard Oil Company has announced a 35-mile pipeline system. Contractors for the construction arrived today and the work is expected to begin immediately. The three-inch line will connect the Magnolia, Buckner and Village fields with the outlet at Haynesville, La. Right-of-way was bought several months ago. The company says that this outlet is expected to boost activities in the Buckner and Village fields where the company owns all wells except one at Village.

New Locations Made for Wells In Magnolia Field.

Special to the Gazette. 4-11-39

Magnolia, April 10.—Lion Oil Refining Company of El Dorado, announced two locations in the Magnolia field today. They will be known as the Crisp-Glasgow No. 1 and No. 2. They will be drilled in section 23-17-20, one in the northeast quarter of southeast quarter and the other in northwest quarter of southeast quarter. Delta Drilling Company has the contract.

Standard Oil Company also announced two locations, one in the village field, the Tena Crumpler B-1 in 15-17-19, and the other in the Buck-

ner field, the Waters No. 2, in 7-16-22, Lafayette county.

Roads are being built and a rig is being hauled to the Tena Crumpler site.

The plug will be drilled in the Minnie Harris No. 1, in 15-17-19, Village field, tomorrow afternoon, company officials said today. Southwood's Garrett B-1 was coring around 7,500 feet today. Southwood's Grelling No. 1, in 23-17-20, started to core at 7,490 when the pipe stuck. Both are in the Magnolia field. Phillips Petroleum Company's June E. Rogers No. 1, a wildcat in section 4, has cleared the hole after fishing three days, and set second string casing at 3,570 feet.

Village Well Completed By Standard

4-14-39

Special to the Gazette.

Magnolia, April 13.—Standard's Minnie E. Harris well, in the northeast southwest of 15-17-19, came in as a good producer today. It is in the Village field, and is the sixth in that area. It was flowing about 20 barrels an hour through a 5-16-inch choke into a burning pit this afternoon. Total depth is 7,415 feet, with casing set at 7,408. The plug was drilled yesterday morning.

Operators of two wells in the Magnolia field, Southwood's L. A. Grelling No. 1, Section 23, and Hunt's Talley No. 1, in Section 14, are reported cutting off pipe and starting over again. Long strings of pipe were lost in both this week. Operators of Gunner's No. 1 at Village were reported contemplating the same move.

Grady Vaughn's Baker No. 1, Section 15, was stalled a while early today at 7,182 feet when pipe hung at 2,800 but the pipe soon was released and drilling resumed.

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Grady Vaughn's Baker No. 1, Section 15, was stalled a while early today at 7,182 feet when pipe hung at 2,800, but the pipe soon was released and drilling resumed.

Fishing Jobs Delay Three Oil Wells in Magnolia Area.

4-16-39

Special to the Gazette.

Magnolia, April 15.—Although the greatest drilling activity of its history was forecast for the Magnolia area this week, the period instead was marked by fishing jobs on the two main wells in the Magnolia fields and one in the Village field.

Hassie Hunt's Talley No. 1 on the western edge of Magnolia field, northwest southwest 14-17-20, lost considerable drill stem the first of the week but is recovering the stands gradually. This well has compared favorably with structure of other producers in the field near and was believed near the top of the deep lime. Its depth is 7,547.

Southwood's L. A. Grelling No. 1, northeast northwest 23-17-20, lost 7,484 feet of pipe the middle of the week but has recovered part of it. Its total depth is 7,484 feet. Standard's J. J. Gunnels No. 1, Village field, southeast northwest 16-17-19, lost 11 1-2 joints or 345 feet of pipe and 60 feet of drill stem collar at 6,873 and has recovered about half of it.

Atlantic's Garrett D. 1 is coring at

7,541 in a fine level of good pay. Casing is expected to be set for production this week-end. It is in northeast northwest, 27-17-20, Magnolia field.

Standard's Minnie E. Harris No. 1, Village field, completed Thursday in northeast southwest, 15-17-20, made 158 barrels of oil on a 7-32-inch choke on a 24-hour test. It is flowing into tanks. Gas pressure on casing was 1,250; on tubing, 195.

Lion Enters Magnolia Field.

Southwood's L. A. Grelling No. 2, southwest northeast, 23-17-20, is coring at 7,473. Vaughn's Baker No. 1, southeast southeast 15-17-20, is at 7,310; Atlantic's C. 1, southwest southeast, 13-17-20, is drilling near 7,000 feet; Shell's Garrett No. 1, northwest southeast, 13-17-20, is drilling around 4,000 feet; Lion Oil Company's two new locations, Crisp-Glasgow No. 1, southeast southeast, 23-17-20, and its Crisp-Glasgow No. 2, northeast southeast, 23-17-20, are expected to spud in this week-end. These

two mark Lion's entry into the activity in the Magnolia field.

Phillips Petroleum Company's Rogers No. 1, wildcat in section 4, northwest of town, is drilling at 3,724. Tidewater-Seaboard's Price No. 1, Atlanta field, northeast southwest, 15-18-19, is down to 7,301. Standard is building derrick on Waters No. 1, section 7-16-22 in Buckner field.

Shell announced today a new location, the Glasgow No. 2, southwest northwest 23-17-20, Magnolia field, which will be drilled by Grady Vaughn.

Columbia Pipe Line Company is getting ready to begin laying the pipeline system which will connect all fields in the county for an outlet to Southern markets for crude. This will be an extensive system and will join the Standard's system at the outlet line.

The L. and N. W. railroad has reported that its business has increased greatly recently in hauling machinery, pipe and other drilling materials for the nearby fields. This road has operated in several fields in Louisiana. It requires six cars to move one drilling rig. The loading and unloading of this heavy tonnage is done with ease, because of improvements of such machinery.

The biggest deal in this area recently was the sale of a 40 for \$20,000 in cash and 100,000 barrels of oil, if the area produces. This buy was in southeast southeast 22-17-20.

Garrett B-1 Completed In Magnolia Area

4-18-39

Special to the Gazette.

Magnolia, April 17.—Southwood's L. G. Garrett well was flowing into the pit today, cleaning itself. A gauge has not been taken, but it was said by officials to be "a splendid well," with 100 or more feet of porosity and saturation. The total depth is 7,550 feet. Casing was set at 7,485. The location is in the southwest quarter northwest quarter of Section 24-17-20.

Southwood's Grelling No. 2, in 23-17-20, is being conditioned for the setting of casing at around 7,500. It promises to be a good producer.

Vaughn's Baker was reaming today after coring almost 100 feet of porosity. It is said to show a fine level of saturation. Five cores have been taken. The Buckner formation was found at 7,340 feet, the Smackover line at 7,392 and the Reynolds at 7,405. The surface elevation is 349. This well is checking high, approximately 200 feet above that of the discovery well. It is on the southwest border of the field. Hunt Talley and Southwood's L. A. Grelling No. 1, delayed because of stuck pipe last week, are still fishing and making slow progress.

Lion Oil Refining Co. announced a third location in Magnolia field, the A. C. Garrett No. 1, in the southeast quarter southeast quarter of Section 13-17-20.

Standard's J. J. Gunnels in the Village field, has cleared the hole of 11 1-2 joints of pipe and is drilling.

Tidewater-Seaboard Price No. 1 In Atlanta Field Due In.

Special to the Gazette. 5-7-39

Magnolia, May 6.—Operators awaited today the imminent completion of the Tidewater-Seaboard's Price No. 1, northeast southwest 15-18-19, Atlanta field, on which casing was set to 8,234 feet Tuesday. The well is bottomed at 8,237, after drilling through nine feet of pay saturation in the lime. Pay was topped at 8,228. The oil shot over top of derrick while a drill stem test was being taken the last of the past week.

Operators expected that it would be completed today, but the gas pressure was so high that its completion was postponed until tomorrow to insure control of the pressure gas.

Two wells in the Magnolia field are expected to be completed by the middle

of May. These are Shell's Daisy Glasgow No. 2, northwest northwest 23-17-20, which is drilling around 7,200; Shell's L. Garrett No. 1, northwest southeast, 13-17-20, about 6,900. Shell's Daisy Glasgow No. 1, southwest north-

west, 23-17-20, is drilling about 4,700; Lion's Crisp-Glasgow No. 1 northeast southeast 23-17-20, about 5,250; Lion's Crisp-Glasgow No. 2 northwest southeast 23-17-20, about 5,450; Vaughn's Baker B-1, southwest southwest 14-17-20, about 4,250; Atlantic Oil Company's L. Garrett E-1, southeast northwest, 24-17-20, about 4,240; Lion's A. C. Garrett No. 1, southeast southeast 13-17-20, about 2,500. Southwood's Grelling No. 1, which is drilling a new hole, side-tracked from 2,360, is at about 4,200. Hassie Hunt's Talley No. 1, northwest southwest 14-17-20, is fishing at about 6,000 feet. The rest of hole to 7,547 feet has been cleared of pipe, but the pipe slowly is being drawn and cut off. Sun Oil Company's Vaughan Baker No. 2, northeast southeast 15-17-20, is moving in equipment and will start drilling soon.

Most interest is centered on Phillips Petroleum Company's June Rogers No. 1, northeast southwest 4-17-21, wildcat two and a half miles northwest of Magnolia, which is drilling near 6,600. Its completion would open a fifth Columbia county field.

Standard Oil Company's Waters No. 2, northeast southwest 7-16-22, is drilling at about 5,500, and has been in lime formation, but not the deep producing lime, which is topped in that field, on an average between 7,200 and 7,300, about 200 feet higher than in the Magnolia and Village fields. The Atlanta field is averaging 600-700 feet deeper than the Magnolia and Village fields.

Warnock Area Test Expected.

Atlantic Oil Company's Pinewood Lumber Company No. 1, northeast northeast 16-18-22, 11 1-2 miles southwest of Magnolia in the Dorcheat bayou bottom, will be started as soon as water can be checked. Shell, Lion and Gulf Oil Companies are co-operating in the test.

It is expected that a test will be announced soon for the Warnock Springs area on a 2,300-acre block obtained from the Warnock estate. The block, one of the two bought from the estate, centers around Section 26-16-20, approximately seven miles northeast of Magnolia and four miles of the Village field.

Standard Oil Company is constructing a pipeline system to connect the Village and Buckner fields with the Magnolia field. First oil will be conveyed from the Village wells through the new system within 10 days. With this system, the Dixie pipeline system, constructed early in the year, and the Columbia Pipeline Company's system, recently completed, Columbia county is netted with pipeline giving outlet for increased production.

Tidewater's Price No. 1 Makes 17 Barrels Per Hour.

Special to the Gazette. 5-9-39

Magnolia, May 8.—Tidewater Seaboard Oil Co.'s Price No. 1 well, in section 15-18-19, a south offset to the Beene No. 1, discovery well, in the Atlanta field, was flowing 17 barrels an hour through a 5-32 inch core today. The gas pressure was reported as 1,515 on tubing and 500 on casing. The well was flowing into tanks, but it was said that it hardly had cleaned itself.

The well, which topped the lime 18 feet lower than the Beene No. 1, is bottomed at 8,237 feet, with casing set at 8,234, after nine feet of pay that was not drilled through showed up. It is said that the well is as good as the Beene No. 1, or better.

June Rogers No. 1, Phillips Wildcat, Watched Closely.

5-14-39

Special to the Gazette.

Magnolia, May 13.—Oil scouts are watching closely the drilling of the Phillips Petroleum Company's wildcat, the June Rogers No. 1, in northeast northwest 4-17-21, which is in the red beds at 7,700 feet. Operators expect to reach the lime by tomorrow, possibly at 7,800 feet.

County's 40th Well Completed.

The week brought the completion of Columbia's county fortieth well. It was the Tidewater-Seaboard Oil Company's Price No. 1 in northeast southwest 15-18-19. The Price well, second oiler in the Atlanta field, is the deepest well in the county, producing from nine feet of saturation at 8,237 feet. Only one other well was carried lower. That, the Beene No. 1, was taken to 8,332 feet but returned to the lime 18 feet higher than the Price well's production stratum.

A west offset to the Price No. 1 was made this week by the Lion Oil Company in southwest northwest 15-18-19. The well, the Tissue No. 1, is being drilled by the Big West Drilling Company.

Operators on the Pinewood Lumber Company No. 1, northeast northeast 16-18-20, new wildcat of the Atlantic, moved onto location Thursday, and drilling is expected to be started at once. Gulf, Lion and Shell are co-

Plug Drilled On Another Magnolia Test

5-23-39 Gazette

Special to the Gazette.

Magnolia, May 19. — Operators of Shell's Daisy Glasgow No. 2, in section 23-17-20, Magnolia field, drilled plug this morning and allowed the well to clean itself in the pits this afternoon. A gauge will be made tomorrow. Apparently the well is a good producer. Casing was set at 7,708 feet after operators cemented back to avoid salt water that was encountered just below a 184-foot stratum of saturated lime and 44 feet of gas distillate.

Other Tests Due Today.

Plugs are scheduled to be drilled in two others tomorrow. They are Hassie Hunt's Talley No. 1, in 14-17-20, at 7,587, and Shell's L. Garrett No. 1 in 13-17-20, at 7,665 feet. The latter well is on Highway 82 near Levi Garrett's home, six miles east of Magnolia. Operators of the Hunt's Talley were delayed three weeks while they fished for a lost pipe collar and bit.

Hassie Hunt's Talley No. 1, southwest, 14-17-20, Magnolia field, which had been fishing for three weeks for a well full of lost pipe, cleared the hole the entire depth, 7,547 feet. The lime is expected to be reached within a few more feet, as operators believe they will next to the producing structure. The pipe was lost. Vaughan's Baker No. 1, southwest offset, meanwhile has been brought in as one of the best, if not the best, well in the field. A south offset, Vaughan's Baker B-1, is drilling at about 6,000 feet, and a location for a west offset, Vaughan's Baker No. 2, has been made and derrick built. These latter three flank the Hunt's Talley No. 1 on three sides, with the Atlantic's Talley No. 1 on the 40 north, pronounced a dry hole in the early drilling program in Magnolia field, on the fourth side.

The Mid-Continent Oil Company, which announced its first location in Columbia county about two weeks ago, has let a contract to the Carl B. King Drilling Company to drill the R. S. Foster No. 1, northeast southwest, 24-17-20, Magnolia field.

A new venture was announced this week by an official of the Big West Drilling Company, which is drilling Shell's Daisy Glasgow No. 2, now more than 150 feet in pay lime below 7,669. The plan was to drill through the pay structure to salt water. The complete structure of the lime and its depth. In case they find the salt water level, they will plug back and drill in the well in some part of the pay. This location is northwest northwest, 23-17-20. It was said that Shell's Daisy Glasgow No. 1, southwest northwest 23-17-20, will follow the same plan. This well is drilling below 6,100 feet.

Status of other wells in Magnolia field is: Shell's L. Garrett No. 1, northwest southeast 13-17-20, drilling at 7,483 feet, and expecting to reach the lime immediately; Lion's A. C. Garrett No. 1, southeast southeast 13-17-20, drilling at 4,600 feet; Atlantic's L. Garrett E-1, southeast northwest 24-17-20, below 6,050; Lion's Crisp-Glasgow No. 1, northeast southeast 23-17-20, at about 6,100; Lion's Crisp-Glasgow No. 2, northwest southeast 23-17-20, at 6,600 feet; Southwood's Grelling No. 1, northeast northwest 23-17-20, near 5,400 feet.

Standard well drilling are: Waters No. 2, Buckner field, northeast southwest 7-16-22, at 6,700; E. D. Harris B-1, Village field, southeast northeast 15-17-19, below 4,000; Phillips No. 2, Village field, near 3,900 feet.

Housing Shortage Continues.

Nearly every day a new business, and sometimes two, announces opening here. The new PWA-financed hospital, a \$70,000 project, has been started. Grounds are being cleared at the grammar school, where the old Southwestern Academy building burned April 3, for a one-story grade building. It will have 14 class rooms, auditorium and other rooms.

M. E. Peace is having an apartment court with 20 brick buildings erected near East Main street on Verda street. It will be completed soon. Charles B. Cleaver, who has a tourist camp on West Main street near the L. & N. W. depot, which includes fixe duplex cottages and three single cottages, said he can accommodate only about a tenth of the applicants for room. Other tourist camps are being considered.

Waters No. 1, Buckner Field, Flows 20 Barrels Hourly.

5-26-39

Special to the Gazette.

Magnolia, May 25. — Standard Oil Company's Waters No. 2, northeast southwest of Section 7-16-22, Buckner field, flowed 20 barrels an hour on quarter-inch choke in a four-hour test

today. The well, Standard's twelfth in the field, was drilled to 7,254 feet, and casing was set to 7,244 feet.

Plug was drilled at 4 p. m. today on Lion's Crisp-Glasgow No. 2, northwest southeast 23-17-20, at 7,635 feet. Bottom of the hole is 7,649. Seven-inch production casing was set Sunday. The well is the Magnolia field's twenty-fifth.

Casing was set last night in the Lion's Crisp-Glasgow No. 1, Magnolia field, at 7,659. Plug is expected to be drilled Sunday.

Casing was set today on Baker's B-1, southwest southwest 14-17-20, Magnolia field, to 7,600. Bottom is at 7,610.

Shell's L. Garrett No. 1, northwest southwest 13-17-20, turned into tank Sunday, was gauged today at 17 1-2 barrels through a quarter-inch choke. It set casing at 7,565.

Lion Finishes First Well In Columbia

5-27-39

Special to the Gazette.

Magnolia, May 26. — Lion Oil Refining Company's Crisp-Glasgow No. 2, in 23-17-20, drilled the plug late yesterday, and began flowing today into the pit. This is Lion's first producer in Columbia county. A good well is indicated. Casing was set at 7,635 feet Sunday. About 100 feet of saturation was discovered. Lion is drilling two other wells in the Magnolia field and one in the Atlanta field, and may drill several others in this county. This well is the 25th in the local field. Buckner field has 12 producers, Village six and Atlanta two, totaling 45 in the four fields of Columbia county.

26th Well in Magnolia Field Brought In.

5-28-39

Special to the Gazette.

Magnolia, May 27. — The Magnolia field registered its 26th well today when Shell's Daisy Glasgow No. 1, southwest northwest 23-17-20, was gauged at 20 barrels an hour through a 20-64 inch choke. Plug was drilled late yesterday.

Lion's Crisp-Glasgow No. 1, northeast southeast 23-17-20, drilled plug today and will be put on flow tomorrow. It would be the field's 27th well and Lion's second in the area. Lion completed its Crisp-Glasgow No. 2 in 23-17-20 yesterday.

Trailers Used as Homes.

Columbia county now has 46 wells in its four fields, and many other operations are under way. With a market established for the crude and delivery facilities constantly being improved, the only handicap in the drilling boom here seems to be the housing shortage. However, the warm weather has made trailer accommodations usable, and many are using the trailer quarters at tourist camps here, pending completion of houses being built.

Wells getting started include the following, Magnolia field: Shell's R. S. Foster No. 1, northeast southwest 24-17-20, rigging up; Phillips Petroleum Co.'s J. A. Joiner No. 1, southeast northeast 22-17-20, which spudded in yesterday; Phillips' L. A. Longino No. 1, southwest southeast 15-17-20, drilling at 1,600; Hassie Hunt's Roy Couch No. 1, northwest northwest 19-17-20, east side of field, spudded in Wednesday and set first string of surface casing; Atlantic's J. A. Foster No. 1, northeast northwest, 24-17-20, drilling at 3,400; Grady Vaughan's Joel Jones No. 1, northeast northeast, 21-17-20, rigging up on the farmed-out 220 acres in 21 and 22, where a deep water well and water pits have been prepared. Four other wells are scheduled to be drilled there. Arkansas Fuel Oil Company's Daisy Glasgow No. 1, 23-17-20, also is rigging up.

Lion's Tissue No. 1, southwest northwest, 15-18-19, Atlanta field, a west offset to Beene No. 1, discovery well, is drilling below 2,100. The Price No. 1, second well in that field, was cemented back several days ago, and shot several times between 8,234-37, to shut off about eight per cent salt water, and came back in strong without salt water.

Wildcat Spudded In.

Atlantic's Pinewood Lumber Company No. 1, northeast northeast, 16-18-22, spudded in Wednesday midnight. This is a wildcat 11 1-2 miles southwest of Magnolia on Dorcheat bayou, the stream on which Buckner field is on.

Phillips Petroleum Co.'s Rogers No. 1, northeast northwest, 4-17-21, wildcat, still is drilling below 8,500. It will go to 8,600 and maybe to 9,000. Standard Oil Company's two Village wells are nearing pay. E. D. Harris B. 1, southeast northeast, 15-17-19, is drilling around 6,350 feet and Phillips No. 2, northeast northwest, 15-17-19, is near 7,000 feet.

Lion's Second Columbia Well In

5-30-39

Special to the Gazette.

Magnolia, May 29. — Lion's Crisp-Glasgow No. 1, northeast southeast of Section 23-17-20, which was expected in yesterday came in about noon today and cleaned itself in a short time and was turned into tanks at 4 p. m.

It has not been gauged but has gas pressure about 1,200 on tubing and casing. This is the second Lion Oil Refining Co. well in the county, and was pronounced a good producer. Casing was set to 7,656. It went through about 100 feet of saturation.

Magnolia Field's 28th Well In

6-1-39

Special to the Gazette.

Magnolia, May 31. — The Vaughan Baker B-1, Southwest Southwest 14-17-20, was brought in today as the 28th well in the Magnolia field. Gauge was being taken today. Depth is a little below 7,600 feet. Casing was set to the bottom.

Lion's Crisp-Glasgow No. 1, Northeast Southeast 23-17-20, which came in Monday, has been gauged at 28 barrels through quarter-inch choke. Gas pressure is about 1,200 on both casing and tubing.

Standard Oil Company began running six-inch casing today on the Phillips No. 2, Northeast Northwest 15-17-20, Village field, which is bottomed at 7-214. Operators expected to start running pipe tonight in the E. D. Harris B-1, Southeast Northeast 15-17-20, which is bottomed at 7,452.

Second string of casing was sent to the Atlantic's Pinewood Lumber Company No. 1, Northeast Northeast 16-18-22, a wildcat.

State Police To Magnolia Oil Field

6-6-39

Gray Albright, superintendent of the State Police, and three other members of the force left Little Rock last night for Magnolia in response to a call from Sheriff S. J. McCollum of Columbia county who said that there was "trouble" in the Magnolia oil field.

It was reported here that C. I. O. members had interfered with the drilling of a well known as the R. S. Foster No. 1 because non-union men were being employed. It was said that the derrick had been torn down several times.

The Webb hotel at Magnolia, where the drilling crew has been staying, was being picketed last night, and reports said that the picketers would not permit the non-union men to leave the hotel. Reports said that there were about 50 C. I. O. men among the picketers.

The well recently was acquired by the Carl B. King Drilling Company from the Mid-Continent Oil Company, which had started to drill but union men interfered. King came here a week ago and started erecting a derrick. Before it was completed, it was destroyed. Successive efforts to erect the derrick have been unsuccessful, it was said.

Accompanying Chief Albright to Magnolia last night were Asst. Supt. C. T. Atkinson, Capt. Lindsey Hatchett and Sgt. Neil Shannon. They were to be joined en route by Sergeant Hill and Patrolmen Crabaugh, Dillahunty and Porterfield.

Lion Completes New Producer In Magnolia Field.

6-6-39

Special to the Gazette.

Magnolia, June 5. — Lion Oil Refining Company's A. C. Garrett No. 1, in section 13-17-20, came in at 7 a. m. today for the company's third well in the county and the 29th producer for the Magnolia field. It was turned into pits and has been cleaning itself today. It is pronounced a good producer.

Casing was set at 7,339 feet. The drillers had gone through more than 150 feet of saturation. The well is on the east edge of the field.

Standard Oil Co. is drilling plug in the E. D. Harris B-1 at Village in 15-17-19. Casing was set at 7,452 feet Thursday after drilling through a good level of saturated lime.

The company's Phillips No. 2, in 15-17-19, is nearing completion.

New Village Field Well Begins Flowing Strongly.

6-7-39

Special to the Gazette.

Magnolia, June 6. — Standard Oil Company's B-1, in section 15-17-19, Village field, began flowing into pits early today and probably will be completed tomorrow. Casing was set at 7,452 feet. The flow indicated a good well.

The company's Phillips No. 2, in the same section is waiting on equipment. Casing was set at 7,412, believed to be on top of the structure.

Standard's McKean No. 6, in 7-16-22, Buckner field, was drilling at 900 feet today, preparatory to running the second string of casing tonight.

Lion's A. C. Garrett No. 1, in 13-17-20, had flowed 600 barrels, filling the tank, when put on flow yesterday. The well was said to be one of the best producers in the field. It is Lion's third producer in the city and the Magnolia field's 29th well.

New Village Well One Of Field's Best

6-9-39

Special to the Gazette.

Magnolia, June 8. — The Phillips No. 2, Village field, which drilled plug late yesterday, was turned into the tanks last midnight and on a five-hour test flowed 178 barrels through a 26 11-64 inch choke. The average of 35.6 barrels per hour was one of the best, if not the best, in the Village field. Casing pressure was 1,750; tubing pressure, 1,250.

The well is in northeast northwest 15-17-19 and is a north offset the Phillips No. 1, discovery well. It is the eighth well in that field. The Ed Harris B-1, completed yesterday, was the seventh.

Standard announces a new location today in the Village field, an east offset to the A. Lewis No. 1 in northeast northwest 15-17-19, extending the field to the northeast. An official said it probably will be the Lewis B-1. It will be started within a week. The company's McKean No. 6, southeast southwest 7-17-19, is waiting on cement on second string of surface casing at 2,119.

Southwood's Grelling No. 1, northeast northwest 23-17-19, Magnolia field, which set casing the first of the week is expected tomorrow. Atlantic's Garrett E-1, which had trouble when ready for completion, still is cutting liner.

Magnolia's 30th Well Brought In

6-16-39

Special to the Gazette.

Magnolia, June 9. — Southwood's Grelling No. 1, northeast northeast 23-17-20, which had been drilling a long time with many delays, was brought in at noon today. It has a hundred feet of good pay lime and is expected to pay for all the delay.

It is the 30th well in the Magnolia field. It was bottomed at 7,535.

June 20, 1939.

Another Magnolia Field Well Flowing Into Pit.

Special to the Gazette.

Magnolia, June 19. — The Magnolia Field's 31st well, the Atlantic E 1 in 24-17-22, was flowing into the pit today, cleaning itself. A gauge will be taken tomorrow. The well was bottomed at 7,640 feet.

The Grady Vaughns-Joel Jones No. 1, in 21-17-20, set six-inch production casing at around 7,562 feet. Permian lime was topped at about 7,497, and three cores showed porous saturation from the deep lime. This is a mile southwest of production and shows higher structure than the average Magnolia field well, encouraging activities.

Four new locations were announced today near the well.

31st Magnolia Well Looms As Garrett E-1 Drills Plug.

6-18-39

Special to the Gazette.

Magnolia, June 17. — The Atlantic's Garrett E-1, southeast northwest of 24-17-20, drilled the plug last night and was perforating casing today. The well was bottomed at 7,640, after going through more than 100 feet of pay.

This well had had trouble with hung pipe, but trouble was ended first of the week and cement poured for production test. It would be the 31st producer in Magnolia field when completed.

Second Test Nears Completion.

Holding second major interest now is Vaughan's Joel Jones No. 1, a wildcat northeast northeast of 21-17-20, a mile southwest of the nearest producer, Vaughan's Baker No. 1, southeast southeast 15-17-20. The latter is one of the best producers in the area. Operators are setting production casing below 7,600 feet. They reported the pay lime was reached 14 feet higher than the average Magnolia field. The well was spudded in May 27 and if completed immediately would set a new speed record for drilling for the field.

Other wells in Magnolia field are: Atlantic's J. A. Foster No. 1, northeast northwest, 24-17-20, drilling below 3,900; Hunt's Roy A. Couch No. 1, northwest northwest, 19-17-20, drilling at about 6,000; Phillips Petroleum Company's Longino No. 1, southwest southeast, 15-17-20, below 6,300; Carl B. King's R. S. Foster No. 1, northeast southwest, 24-17-20, spudded in Thursday night; Phillips Petroleum Company's J. A. Joiner No. 1, southeast northeast, 22-17-20, drilling below 5,200; Vaughan's Baker No. 2, northeast southeast, 15-17-20, drilling at 6,800; Vaughan's and Buttram's Lee Paschal No. 1, southeast northwest, 22-17-20, down to 3,800; Arkansas Fuel Oil Company's Daisy Glasgow No. 1, northwest southwest, 23-17-20, drilling below 4,500; Southwood's J. A. Foster No. 1, northeast northeast, 24-17-20, coring in pay at 7,550; Atlantic's Luel Spain No. 1, southwest southwest, 18-17-20, newest location announced, rigging up; Shell's R. S. Foster (People's Bank) No. 1, northwest southwest, 24-17-20, below 5,800 feet.

Standard's wells include: McKean No. 6, southeast southwest, 7-16-22, Buckner field, drilling at 4,900; Lewis B-1, Village field, northeast northeast, 15-17-19, rigging up.

Lion's Tissue No. 1, southwest northwest, 15-18-19, is drilling at 6,000 in the Atlanta field. Atlantic's Pinewood Lumber Company No. 1, northeast

Four Offsets Announced For Magnolia Oil Well.

6-21-39

Special to the Gazette.

Magnolia, June 20. — Four new locations as offsets to Vaughan's Joel Jones No. 1 northeast northeast of 21-17-20, were announced as operators of this semi-wildcat test prepared to drill late today. They are:

Vaughan's Joel Jones No. 2, southeast northeast of 21-15-20, south offset to the test; Joel Jones No. 3, northwest northeast 21-17-20, west offset; Southwood's R. E. Walthall No. 1, northwest northwest 22-17-39, an east offset; Southwood's R. E. Walthall No. 2, southwest northwest 22-17-20, a southeast offset. This would spread the field a mile southwest and three miles from Magnolia. There is little information on the Joel Jones, but field reports indicate about 60 feet of saturation was drilled through to 7,562.

Two others have set production casing in Magnolia field—Vaughan's Baker No. 2, northwest southeast of 15-17-20, and Southwood's Foster No. 1, northeast northeast of 24-17-20, which are due in the last of the week.

Two More Magnolia Wells In

6-22-39

Special to the Gazette.

Magnolia, June 21.—Vaughn's Joel Jones semi-wildcat test, a mile west of production in Section 21, and Southwood's J. A. Foster No. 1, Section 24, came in today as the 32d and 33d wells in the Magnolia field. They are both good producers, but gauges will not be taken until tomorrow.

The Jones well practically opens a new field. It is three miles east of Magnolia and a mile west of the nearest producer. This western spread is coming nearer to Magnolia, and apparently the structure is showing higher.

Vaughn's Baker No. 2 has set pipe for a test. It is bottomed at 7,575 feet. It is in the NE SE of 15-17-20.

Four New Wells Raise Magnolia Total to 34.

6-25-39

Special to the Gazette.

Magnolia, June 24.—Grady Vaughan's Baker No. 2, the Magnolia field's 34th well, was flowing into the burning pit today. The plug was drilled at 7,575 yesterday and the well washed in as a good producer. Gauge will be taken by tomorrow.

Three other wells were completed earlier in the week. They were: Atlantic's Garrett E-1, northeast northwest of 24-17-20, gauged Monday at 22 barrels per hour through a quarter-inch choke.

Grady Vaughan's Joel Jones No. 1, completed Wednesday and gauged yesterday at 22 barrels an hour on a three-sixteenth-inch choke. Its gas pressure was 1,400 pounds on the casing and 1,350 on tubing. This well, being a mile west of production and three miles east of Magnolia, with five other locations near it, gave the biggest boost to the field since its discovery.

The Southwood Oil Company's Foster No. 1, northeast northeast of 24-17-20, reported casing pressure of 950 pounds and tubing pressure of 1,250 feet.

Four Jones Offsets Staked. Four offsets to the Joel Jones well immediately were announced, making seven new locations for the week. The Jones offsets were:

Vaughan's Joel Jones No. 2, southeast northeast of 21-17-20, a south offset; Vaughan's Joel Jones No. 3, southeast southeast of 16-16-20, north offset; Southwood's R. E. Walthall No. 1, northwest northwest of 22-17-20, an east offset, and Southwood's R. E. Walthall No. 2, southwest northwest of 22-17-20, a southeast offset. It is expected that a location will be announced for a west offset immediately. The other three new locations are: Arkansas Fuel Oil Company's Daisy Glasgow No. 2, northwest southwest of 23-17-20; Southwood's J. A. Foster No. 2, southwest northeast of 24-17-20; Southwood's Daisy Glasgow No. 1, northeast northeast of 22-17-20. Phillips Petroleum Company's L. A. Long No. 1, southwest southeast 15-17-20, began coring in saturated lime at 7,421 Thursday.

Hassie Hunt's Roy Couch No. 1, northwest northwest of 19-17-20, is drilling at 7,200 and is expected to be coring in pay by tomorrow or Monday. This well had a fine show at a much shallower depth. It is considerably east of present production.

Other wells being drilled in the Magnolia field are: Vaughan and Buttram's Paschal No. 1, southeast northwest of 22-17-20, below 5,600; Atlantic's J. A. Foster No. 1, northwest northeast of 24-17-20, below 5,100; Shell Oil Company's R. S. Foster (People's Bank) No. 1, northwest northeast of 24-17-20, at 7,100; Arkansas Fuel Oil Company's Daisy Glasgow No. 1, northwest southwest of 23-17-20, below 6,200; Atlantic's Luel Spain No. 1, southwest southwest of 18-19-20, at 2,400; Carl B. King's R. S. Foster No. 1, near 2,200.

New operations in the field are: Southwood clearing location on the R. E. Walthall No. 1; Arkansas Fuel Oil Company digging pits for Daisy Glasgow No. 2 preparatory to moving in by week-end; Vaughn moving in tools to begin rigging up on the Joel Jones No. 2, south offset to the Joel Jones No. 1.

Other wells in the three other fields in the county are: Lion's Tissue No. 1, southwest northwest of 15-17-20, Atlanta field, near 7,000; Standard's Lewis B-1, northeast northeast of 15-17-19, Village field, has set second string of casing at 2,450; Standard's McKean No. 6, southeast southwest of 7-16-22, Buckner field, drilling at 6,500. Atlantic's Pinewood Lumber Company No. 1, wildcat in northeast northeast of 16-18-22, is drilling at 6,500.

A new location has been announced for a wildcat in the eastern part of the county, a mile and a half from the Columbia-Union line, northwest south-

west of 31-17-18, between the Village and the Shuler fields by the Twin States Syndicate. It will be drilled to 8,000 feet. It is on the Hollinsworth lease.

Magnolia Field Adds 35th Well

7-2-39

Special to the Gazette.

Magnolia, July 1.—Hassie Hunt's Roy A. Couch No. 1, in northwest northwest of 19-17-19, came in today as the Magnolia field's 35th producer. It is flowing into the burning pit. A gauge will be taken tomorrow. The depth is 7,525. The top of porosity was logged at 7,436 and cores were taken to bottom, where seven-inch casing was set.

This is the first well brought in in Section 19 and the first east of the western part of range 19. It is a southeast offset to Lion's A. C. Garrett No. 1, in southeast southeast of 13-17-20. Two Others Due In.

Two other wells near Magnolia are due in immediately. They are: Phillips Petroleum Company's L. A. Longino No. 1, southwest southeast of 15-17-20, which set pipe at 7,670, and Shell Oil Company's R. S. Foster No. 1 (People's bank of Columbia), northwest northeast of 24-17-21, on which casing was run to 7,522.

New locations in the Magnolia field are: Vaughan-Oliphant's Jones No. 2, southeast northeast of 21-17-20, south offset to Joel Jones No. 1; Oliphant's Jones No. 1, southeast southeast of 16-17-20, a north offset to Jones No. 1; Atlantic Oil Company's J. A. Foster No. 2, southwest northeast of 24-17-20; Hassie Hunt's Roy A. Couch No. 2, northeast northwest of 19-17-20; Shell's Garrett No. 2, northeast southeast of 13-17-20. Two others delayed by litigation are Southwood's R. E. Walthall No. 1, northwest northwest of 22-17-20, and the same company's R. E. Walthall No. 2, southwest northwest of 22-17-20.

Other wells drilling in the Magnolia field are: Phillips Petroleum Company's J. A. Joiner No. 1, southeast northeast of 22-17-20, now coring in pay and due to be completed possibly next week; Vaughan's Lee Paschal No. 1, southeast northwest of 22-17-20, is reaching pay and is expected to be in the first of next week; Arkansas Fuel Oil Company's Glasgow No. 1, northeast northwest of 23-17-20, now nearing 7,000; Atlantic's Luel Spain No. 1, southwest southwest of 18-17-20, near 4,000; Carl B. King's R. S. Foster No. 1, northeast southwest of 24-17-20, 4,100; Atlantic's J. A. Foster No. 1, northwest northeast of 24-17-20, is below 6,100; Southwood's

Daisy Glasgow No. 1, northeast northeast of 23-17-20, is near 4,000.

In the Atlanta field Lion Oil Company's J. G. Tissue No. 1, southwest northwest of 15-18-19, was fishing at 7,000 for hung drill pipe. This depth is 1,200 to 1,300 feet above pay in that field. Standard Oil Company's Lewis B-1, northeast northeast of 15-17-19, Village field, is drilling around 4,800.

Atlantic Pinewood Lumber Company's No. 1, northeast northeast of 16-18-22, is down near 6,500. Much interest is being in this wildcat, as it is distant from production. It is 11 miles southwest of Magnolia, toward the Rodessa fields.

Three More Magnolia Wells In

7-6-39

Special to the Gazette.

Magnolia, July 5.—Three new wells were reported today in the Magnolia field.

Phillips Petroleum Company's L. A. Longino No. 1, southwest southeast of Section 15-17-20, made 386 barrels of oil in 20 1-2 hours through a quarter-inch choke. Total depth is 7,727. Tubing pressure was 1,250 and casing pressure, 1,400. This well is on the western border of the field.

Shell Oil Company's R. S. Foster No. 1 (People's bank of Columbia) No. 1, northwest southwest of Section 24-17-20, was completed today, but no gauge has been taken.

The third well was Vaughn-Buttram's Lee Paschal No. 1, southeast northwest of Section 22-17-20, a southeast offset to the Joel Jones No. 1, northeast northeast of Section 21-17-20, which opened practically a new area last week, a mile southwest of production, where several other wells now are drilling. Casing was set on the new well to 7,525.

Well Total Now 38.

The wells increased the Magnolia field total to 38.

The Hassie Hunt-Roy Couch well, completed Friday on the east edge of the field, northwest northwest of Section 19-17-19, flowed 25 barrels per hour through a quarter-inch choke. Casing pressure was 1,000 and tubing pressure, 1,250.

Four of five other wells drilling are nearing completion. Interest is centered in the Atlantic's wildcat, Pinewood Lumber No. 1, northeast northeast of Section 16-18-22, which is coring below 6,700 feet. Some good shows of oil sand have appeared at different depths. This test is 11 miles southwest of Magnolia, and should it prove a producer, it would open a new area between Magnolia field and Rodessa, La.

Three New Wells in Columbia County; Another Due Today.

7-9-39

Special to the Gazette.

Magnolia, July 8.—Three producers were added in the Magnolia field this week, bringing the total to 38, and another Columbia county well, Standard's McKean No. 6 in section 7-16-22, is due in tomorrow. Operators drilled plug on the well last night.

Two wells in Magnolia field are coring in pay formation and are due for completion next. They are Phillips Petroleum Company's J. A. Joiner No. 1, southeast northeast of 22-17-20, drilling at near 7,680, and Arkansas Fuel Oil Company's Southwood's Crisp-Glasgow No. 1, northeast southeast of 23-17-20, which is at 7,600. The Phillips Company proposes to core to salt water, through pay lime, before setting production casing. Another well in the same field is looking for lime formation at below 7,420. This is the Atlantic's J. A. Foster No. 1, northwest northeast of 24-17-20.

Sixteen other wells are drilling, or preparing to drill. Among other wells in the Magnolia field making good headway are: Southwood's Daisy Glasgow No. 1, northeast northeast of 22-17-20, below 5,300; Carl B. King's R. S. Foster No. 1, northeast southwest of 24-17-20, below 5,200; Atlantic's Luel Spain, southwest southwest of 18-17-19 on east border, below 5,500; Arkansas Fuel Oil Company's Daisy Glasgow No. 1, northwest southwest of 23-17-20, below 4,600; Atlantic's J. A. Foster No. 2, southwest northeast of 23-17-20, southwest edge, below 3,600. In the new area of Vaughan's Joel Jones No. 1, a mile southwest of the main field, tests are: Oliphant's Jones No. 1, southeast southeast of 16-17-20, a north offset, below 4,900; Oliphant-Vaughan's Jones No. 2, southeast northeast, a south offset, below 6,000 feet; Southwood Oil Company's R. E. Walthall No. 1, northwest northwest of 22-17-20, an east offset, below 2,500 feet; Southwood's R. E. Walthall No. 2, southwest northwest of 22-17-20, a southeast offset, preparing to drill. Vaughn-Buttram's Lee Paschal No. 1, 38th producer, completed Wednesday, in southeast northwest, 22-17-20, in the new area, proved a good producer and also was drilled in quick time.

Other activities are: Moving by Phillips Petroleum Company onto Walthall No. 1, southeast southwest of 15-17-20; setting of surface casing on Roy Couch No. 2, northeast northwest of 19-17-19, an east offset to Hassie Hunt's Roy Couch No. 1, by the Hunt Company, extending the field farther eastward toward the Village field; erection of derrick started by Standard Oil Company on Foster-Gunnels No. 1, southwest

39th Well In Magnolia Area Completed

7-12-39

Special to the Gazette.

Magnolia, July 12.—Phillips Petroleum Company added the 39th well to the Magnolia field when its J. A. Joiner No. 1, in 22-17-20, came in today. It is flowing into tanks through open choke. Five and a half-inch casing was set to 7,751 feet last week.

Two other wells scheduled to be completed soon. They are the Atlantic J. A. Foster No. 1, in 24-17-20, which set five and a half inch casing at 7,607 feet, and the Arkansas Fuel Oil Company's Southwood Crisp-Glasgow No. 1, in 23-17-20, which set six-inch casing this week at 7,600 feet.

Standard Oil Company of Louisiana set surface casing yesterday on its J. S. Foster No. 1, in Section 19-17-19, the first location in the Magnolia field. This is a south offset to the Placid Oil Company's (Hassie Hunt's) Roy Couch No. 1, first producer completed in Section 19.

Standard also is building a derrick on its new location, the H. B. Eddy No. 1 in 7-16-22, an offset to its newly completed McKean No. 6.

Two Wells in Magnolia Field Undergo Perforation.

7-14-39

Special to the Gazette. Magnolia, July 13.—Two wells in the Magnolia field had production casing perforated today. Atlantic's Foster No. 1, in section 24-17-20, shot three times to each foot from 7,500 to 7,590 feet, and Arkansas Fuel Co.-Southwood Oil Co.'s Crisp Glasgow No. 1, in 23-17-20, was given 137 shots above 7,600 feet. Both wells are expected to be completed tomorrow.

After a Slumberger test on the Atlantic's Pinewood Lumber Co.'s No. 1, section 16-18-22, a wildcat down to 5,987 feet, operators were drilling this afternoon. Several levels of slight saturation and porosity have been encountered, the last reported to have been 10 feet of saturation just before running the Slumberger. Much interest is centered in the test, contract for which is 9,000 feet.

A gauge on the Phillips Petroleum Co. J. A. Joiner No. 1, in section 22-17-20, showed today that the well flowed 300 barrels in 22 hours through a 7-32d-inch choke. Tubing pressure was 1,350 and casing pressure 1,450.

Two More Magnolia Wells Added

7-15-39

Special to the Gazette.

Magnolia, July 14.—Two new wells increased the Magnolia field total to 41 today.

The Arkansas Fuel Oil Company, Southwood Oil Company's Crisp-Glasgow No. 1 in 23-17-20, which started flowing late yesterday, was gauged at 40 barrels an hour through a quarter-inch choke. Pressure on tubing was 1,250; casing, 1,350. This well was perforated through casing three times to a foot between 7,500 and 7,590 feet, and is proving one of the best producers in the field. Atlantic Oil Company's Foster No. 1 in 24-17-20, was shot 137 times yesterday. It began flowing into the pit at 8 a. m. today and was turned into tanks at 11:30 a. m.

42d Magnolia Field Well Brought In

7-19-39

Special to the Gazette.

Magnolia, July 18.—Magnolia field added its 42d producer today when Vaughn-Oliphant Jones No. 2, southeast northeast of section 21-17-20, a south offset to Vaughn's Joel Jones No. 1, which opened a west extension to the field, was brought in. The well flowed into pits early today and by 10 a. m. was turned into tank.

This well gives the field a further extension to the southwest. Casing was set late last week at 7,513. It was said to have reached the Smackover lime 79 feet lower than the Jones No. 1, but Joel Jones, who owns more than 400 acres in that extension area, said that it is proving a good well.

Several Other Wells Due in Soon. Other wells in the field below 7,000 feet and due to be completed soon are: Oliphant Jones No. 1, southeast northeast of section 16-17-20, a north offset to Jones No. 1, Atlantic Oil Company's Luel Spain No. 1, southwest southwest of 18-17-19, east part of field; Carl B. King's Mid-Continent Oil Company's R. H. Foster No. 1, northeast southwest of 24-17-20; Southwood's No. 2 and Foster Southwood's Daisy Glasgow No. 1, northeast northeast of 22-17-29.

In the Village field, Standard's Lewis B-1, northeast northeast of 15-17-19, has set casing at 7,430 and is expected to be the next completion in the county.

Lion's Tissue No. 1, Atlanta field, is at 8,222 and having stuck pipe trouble. The Atlantic wildcat, Pinewood Lumber Co. No. 1, northeast northeast of 16-18-22, 11 miles southwest of Magnolia, is drilling at 7,200 and interest still centers there, due to showings of oil.

Magnolia's Waste Gas To Be Saved

7-20-39

Special to the Gazette.

Magnolia, July 19.—Alexander Fraser,

president of the Shell Oil Company has announced at St. Louis that a gasoline extraction plant will be established at Magnolia to take care of the waste gas from the Magnolia oil field, where flares from 12 producing wells are consuming the gas.

Mr. Fraser said that the Atlantic Oil and Refining Company and Petroleum Finance Company will co-operate in the industry. He said the production capacity of the plant will be 50,000 gallons of gasoline daily and the intake capacity, 15,000,000 cubic feet of gas daily.

The plant will be located in section 23-17-20, on the Crisp lease, where surveys already are being made. Pipelines will be constructed to the plant.

It is believed that the decision of the company was the result of the state Oil and Gas Commission's expression of need for such a plant. The waste of gas has been of much concern since the field was opened.

Building of the plant and placing of pipelines will require many employes and will bring many new families to Magnolia.

An oil camp may be established in the field to take care of employes during the work.

Columbia Adds Two Wells; New 'Gas' Saving Plant Announced.

7-24-39

Special to the Gazette.

Magnolia, July 22.—Activity in the Magnolia area was at a high pitch this week, with the completion of two wells, beginning of coring by two other wells, and announcement of plans for a plant to extract the gasoline formerly wasted in the Magnolia field.

The city's population continues to grow, keeping step with the influx of new industries on businesses, most important of which soon will be the gasoline plant announced by the Shell Oil Company. The Atlantic Oil and Refining Company, Petroleum Finance Company and possibly one or more other refining companies will participate in the gasoline-saving program.

Two Wells Added. The first well completed this week was Vaughan-Oliphant's Joel Jones No. 2, southeast-northeast of section 21-17-20, which started flowing Tuesday and produced at the rate of 29 barrels per hour into tank through a quarter-inch choke, with gas pressure on tubing and casing 1,200. The other well was Standard Oil Company's Lewis B-1, completed Wednesday in northeast northeast of section 15-17-19, which officials said was an average village field well. Gas pressure is 2,000 on casing and 1,800 on tubing.

Three other wells are coring in pay lime and are expected to be completed soon. Production casing was set at 7,550 feet Thursday night on Oliphant's Joel Jones No. 1, southeast southeast of section 16-17-20, a north offset to Vaughn's Jones No. 1, northeast northeast, section 21-17-20, extension opener. Plug is scheduled to be drilled tomorrow.

Atlantic's Luel Spain No. 1, southwest southwest of 18-17-19, has been coring in pay around 7,580, after drilling through nearly 100 feet of pay formation. This is on the east border of the field, while the Oliphant is on the west side in the new extension. The third well coring in pay is Southwood's Foster No. 2, southeast northeast of 24-17-20, southeast border of the field, which is coring below 7,540, after reaching porosity at 7,385.

Four other wells in the Magnolia field are below 7,000 feet. Southwood's Daisy Glasgow No. 1, northeast northeast of section 22-17-20, is near 7,300, coring in pay formation. Atlantic Oil Company's Foster No. 2, southwest northeast of 24-17-20; Arkansas Fuel Oil-Southwood's Crisp-Glasgow No. 2, northwest southwest of 23-17-20, and Carl B. King's R. S. Foster No. 1 (Mid-Continent Oil Company), northeast southwest of section 24-17-20, are just below 7,000 and probably will be completed the first week in August.

Other wells drilling in the Magnolia field are: Southwood's J. A. Foster No. 2, northwest southeast of section 22-17-20, below 4,800 feet; Southwood's R. E. Walthall No. 1, northwest northwest, section 22-17-20, below 5,300; Phillips Petroleum Company's Longino No. 2, northwest southeast of 15-17-20, below 3,400. Phillips is drilling below second string of casing set at 140 on its

Walthall No. 2, southwest southwest of section 15-17-20. Phillips Company has run second string of casing on Walthall No. 1, southeast southwest of section 15-17-20, at 3,200. Shell Oil Company is drilling below 4,400 on its Levi Garrett No. 2, northeast southeast of section 13-17-20; Hassie Hunt (Placid Oil Company) is drilling at near 5,000 on the Roy Couch No. 2, northeast northwest of section 19-17-19. Standard Oil Company's Foster Unit 1, southwest northwest of 19-17-19, is around 3,500 feet. Standard Oil Company has cleared a road to a new location, Booth No. 1, northwest southeast of section 24-17-20, Magnolia field. Southwood Company has set surface pipe at the Johnson B-1, northeast southeast of section 22-17-20. Southwood has rigged up on the Johnson A-1, northeast northwest of section 22-17-20.

Standard Oil Company has set second string of casing on the H. B. Eddy No. 1, southwest southwest of section 7-16-22, Buckner field at slightly below 2,000 feet. The same company is begin-

ning to rig up on the Nancy Johnson No. 1, southwest southeast of section 9-16-22, about a mile east of production in the Buckner field, Columbia county.

In the Atlanta field, Lion Oil Company's J. G. Tissue No. 1, southwest northwest of section 15-18-19, is below 8,225 and is coring in good formation.

Pinewood Well Below 7,500.

Atlantic Oil Company is drilling below 7,500 on the Pinewood Lumber Company No. 1, northeast northeast of section 16-18-22, southwest of Magnolia, a wildcat, where interest has been centered the past several weeks.

The Twin City Syndicate's Hollensworth No. 1, northwest southwest of section 31-17-18, drilled to 6,000 feet, is waiting on drill collar. This wildcat, nearly two miles west of the Union county line, is the center of much interest. It is about halfway between the Shuler and Magnolia fields.

Sees Magnolia Field Benefited By Conservation Law.

Special to the Gazette. 7-27-39

Camden, July 26.—The new Magnolia oil field is benefiting greatly from the Arkansas oil conservation law, Secretary G. G. Martel of the Magnolia Chamber of Commerce told the Lions Club here today.

"Columbia county was fortunate in that this law was in effect when our oil field was brought in," he said. "Conservation of the oil and gas in this field means it will be producing 20 to 30 years from now. When other south Arkansas oil fields were brought in 20 years ago, much oil and gas were wasted."

He said that officials of the Oil and Gas Commission estimate that there are 170,000,000 barrels of oil in reserve in the Magnolia field and 275,000,000 barrels in this field and the Buckner, Village, Atlanta and nearby fields. There are 43 producing wells at Magnolia, with 16 new wells drilling and eight new locations, he said.

Mr. Martel recalled that a gasoline extraction plant was being constructed at Magnolia, and efforts were being made to conserve all gas as well as oil. He said that possibilities of making rubber from butane gas were being investigated and if feasible, such a plant would be sought.

He said that "southwest Arkansas is now coming into its own. In the past this state wasted its resources and committed many follies, but not so today. A new day has dawned in south Arkansas."

Standard's Ninth Village Well In

7-21-39

Special to the Gazette.

Magnolia, July 20.—Standard Oil Company of Louisiana added the ninth producer to the Village field today, the Lewis B-1, in Section 15-17-19.

It was perforated between 7,245-45 feet and flowed with a strong gas pressure, as all wells in that field have done. Pressure on tubing was reported to be 1,800 pounds and on casing, 2,000. The well was bottomed at 7,430. It was turned into tanks this afternoon and was reported to be an average well.

This was the second well completed in the county this week. The first was the Grady Vaughan-Oliphant Joel Jones No. 2 in Section 21-17-20, a south offset to Vaughan's Joel Jones No. 1, which opened a new southwest extension. It was gauged at 29 barrels an hour through a quarter-inch choke. It was bottomed at 7,592, with casing set at 7,543.

Three Other Wells Due.

Three Magnolia field wells are expected to be completed soon. Oliphant Joel Jones No. 1, north offset to Vaughan's Jones 1, in Section 16-17-20, has set casing at 7,550 and the plug may be drilled Sunday. Atlantic Oil and Refining Company's Luel Spain No. 1, is coring below 7,580 after drilling about 80 feet since reaching pay level. This is one the east border of the field, and is expected to be completed the first of next week.

Southwood Oil Company is coring in pay structure around 7,535 on its Foster No. 2, southeast southeast of 24-17-20, after topping porosity more than 100 feet higher up. Its completion is expected the first of next week. These three wells would increase the total to 45 in the field.

Warren B-1 Ready to Run Pipe After Schlumberger Survey.

7-21-39

Special to the Gazette.

Lewisville, July 20.—Operators have completed a Schlumberger survey at Erwin & Leach-East Texas Refining Com-

pany's Warren B-1, Section 24-16-24, in the Stamps-Lewisville field, preparatory to running pipe. Cores have shown lime shale and oil saturation. Depth is 3,505.

The company's Bodcaw No. 1, Section 19-16-23, near Stamps, is drilling ahead at 3,300 feet. Cores have shown lime and shale.

43d and 44th Producers In Magnolia Are

7-27-39

Special to the Gazette.

Magnolia, July 26.—Magnolia field added the 43d and 44th wells today with others almost ready for bringing in.

Those completed today were: Atlantic Oil Fuel Spain No. 1, in 18-19, east edge of the field, which gauged 29 barrels an hour through half-inch choke, with gas pressure casing at 250 and on tubing at 1 pounds. Depth of the well is 7 feet. Porosity was topped at 7 feet. This producer is a north set to Hunt's Roy Couch No. 1, 19-17-19.

The other producer completed today is Oliphant's Joel Jones No. 1, in 17-20, west border of the field north offset to Vaughan's Joel Jones No. 1, in 21-17-20, a southwest extension toward Magnolia. Porosity topped at 7,510 and the depth is 7 feet. It was turned into tanks about 10 a.m. No gauge has been reported, but appears a good producer.

Other Tests Due Soon.

It was announced today that plug will be drilled on Lion's T No. 1, in 15-17-19, Atlanta field tonight. Production casing was to be below 8,250. This will be the well for the Atlanta field.

In the Magnolia field two wells are near completion. Southwood's Foster No. 2, in 24-17-20, bottomed at 7,496 and pipe set 7,450. Southwood's Daisy Glasgow No. 1, in 22-17-20, has a total of 7,525, with pipe set at slightly above. Plugs in these two are to be drilled tonight or tomorrow.

Carl B. King (Mid-Continent) No. 1, in 24-17-20, was coring pay at 7,455 feet. Atlantic's Foster No. 2, in 24-17-20, was having trouble with stuck pipe at slightly below 7,300.

Magnolia Field's 45th Well In

7-28-39

Special to the Gazette.

Magnolia, July 27.—The Magnolia field's 45th well was completed today by Southwood Oil Company. It was the Foster No. 2 in southeast northeast of 24-17-20. Pipe was set to 7,450. The oil flow has not been gauged, but it was flowing into the tank and was pronounced a good well.

Gas pressure on tubing was 1,400; on casing, 1,300. This is Southwood's eighth producer in the field. The company's Daisy Glasgow No. 1, northeast northeast of 22-17-20, is nearing completion as the 46th for the field.

Magnolia Field Adds Four Wells In Bustling Week.

7-30-39

Special to the Gazette.

Magnolia, July 29.—This has been one of the most productive weeks in the history of the Magnolia oil field, with four completions, active drilling of many others and the beginning of several new tests.

First completed was Atlantic Oil and Refining Company's Luel Spain No. 1, on the east border of the field, in southwest southwest of Section 18-17-19, which flowed 29 barrels per hour through half-inch choke. It was bottomed at 7,620, with gas pressure on casing 250 and on tubing, 1,450.

Next completion was Oliphant's Joel Jones No. 1, west border of the field, in southeast southeast of Section 16-17-20, which gauged 99 barrels through a 3-4-inch choke. Casing was set to 7,519, after porosity was topped at 7,509. It is the third well in the Jones extension area and a north offset to Vaughan's Joel Jones No. 1, area discovery well.

The third was Southwood's Foster

No. 2, southeast northeast of Section 24-17-20, completed Thursday as the 45th well in the Magnolia field and the eighth for Southwood Oil Company. It flowed 17 barrels hourly three-sixteenth inch choke, with casing pressure of 1,500 pounds and tubing pressure of

1,450. The same company completed its ninth and the field's 46th producer when Daisy Glasgow No. 1, in the northeast of the northeast of Section 22-17-20 came in yesterday. Casing was set at 7,525 feet. No gauge has been taken.

Two More Due This Week.

Likely to be completed next week in the same field, which is spreading rapidly, are the following wells: Carl B. King's (Mid-Continent) R. S. Foster No. 1, in northeast southwest of Section 24-17-20, which is coring in pay around 7,500, and setting casing for production test; Atlantic Oil and Refining Company's J. A. Foster No. 2, southwest southeast of Section 24-17-20, which has just completed a fishing job below 7,300 feet.

Others at interesting depths are: Southwood's Simmons No. 2, northwest southeast of Section 22-17-20, at about 6,500; Arkansas Fuel Oil Company-Southwood's Crisp-Glasgow No. 2 in

northwest southwest of Section 23-17-20, halted at 6,860 because of stuck pipe at 2,800 feet.

Status of other wells in the field is: Southwood's Johnson's A-1, northeast northwest of Section 22-17-20, at 3,700; Southwood's Johnson B-1, northeast of Section 22-17-20, near 3,550; Hunt Oil Company's (Placid Oil Company) Roy Couch No. 2, east edge of the field, northeast southwest of Section 19-17-20, near 6,500; Shell's Garrett No. 2, northeast southeast of 13-17-20, down to 5,300, but delayed while fishing for four joints of lost pipe and drill collar; Phillips Petroleum Company's L. A. Longino No. 2, northwest southeast of Section 15-17-20, below 4,000; Phillips' R. E. Walthall No. 1, southeast southwest of Section 15-17-20, below 4,600; Phillips' Walthall No. 2, southwest southwest of Section 15-17-20, having trouble setting second string of surface pipe at about 3,200.

Standard's Foster Unit No. 1, in the southwest of the northwest of Section 19-17-19, is below 5,500 in the same field.

New locations starting are: Marine Oil Company's Jones No. 1, northwest northeast of Section 21-17-20, has rigged up; Standard's Booth No. 1, north-

west southeast of Section 24-17-20, has completed derrick; Normandie Oil Company's Dees No. 1, northeast southeast of Section 24-17-20, has moved onto location; Grady Vaughan's Jones No. 3, northwest northeast of Section 21-17-20, has rigged up.

Two Permits Obtained.

Permits for two other new locations have been issued. One is starting. It is the Atlantic's Refining Company-Sam Brown No. 1, northwest northeast of Section 22-17-20, to which the Atlantic tools were moved from the Luel Spain No. 1, east border of the field, one of the completions this week. The other location, a west offset to the Sam Brown, is Southwood's James Johnson-Samuel Brown Unit No. 1, in northeast northwest of the same section.

Standard's H. B. Eddy No. 1, in southwest southwest of section of 7-16-22, Buckner field, is below 4,900; Standard's east extension of the Buckner field, the Nancy Johnson No. 1, in southwest northeast of Section 9-16-22, is below 2,000. The Twin City Syndicate is Hollensworth No. 1, wildcat in the eastern part of the county, in northwest southwest of Section 31-17-18, is below 6,000, with information withheld. Atlantic's wildcat, the Pine-

wood Lumber Company No. 1, in northeast northeast of Section 16-18-22, has drilled to 7,620 and has been mending machinery. Information there also is withheld.

New Businesses Established.

New businesses establishing branches here are the Arkmo Lumber Company, which has erected a warehouse and located a lumber yard on East Main, and Continental Oil Company, which has foundation leveled for a large supply house on the Cleaver tourist grounds on the west side of the L. & N. W. railroad tracks on West Main street.

The L. & N. W. railroad's business is increasing rapidly, due to the bringing of pipe, cement, mud and machinery, an official reported today. Truck traffic of oil field materials also is heavy.

R. S. Foster No. 1 Becomes 47th Magnolia Field Well.

8-6-39

Special to the Gazette.

Magnolia, Aug. 5.—Mid-Continent Oil Company's (Carl B. King) R. S. Foster No. 1 test in southwest northeast of section 24-17-20, was completed today as the 47th producer in the Magnolia field. It was bottomed at 7,616 feet.

Atlantic's Pinewood Lumber Company No. 1, northeast northeast of section 16-18-22, 11 miles southwest of Magnolia, was reported drilling at 8,353 feet in black shale and sand today. The driller, who contracted to drill to 9,000 feet if necessary, said he expected to reach the pay stratum at 8,600 feet.

Another wildcat, Twin City Syndicate's Hollensworth No. 1, in the eastern part of the county, in the northwest southwest of section 31-17-18, was drilling at 7,200, and was being watched closely. It was believed the deep lime formation would be reached at around 8,200, same depth as the Atlantic field. The Cotton Valley formation has been penetrated and gave much encourage-

ment. It is said this test is corresponding in structure with Shuler deep wells.

Production casing was set Wednesday at three other wells which are due to be completed the first of the week. Atlantic's Foster No. 2, southwest northeast of section 24-17-20, set casing at 7,520. Porosity was topped at 7,369. Southwood's Simmons No. 2, northeast southeast of section 22-17-20, set casing at 7,557, and Southwood's Walthall No. 1, northwest northwest of section 22-17-22, set casing at 7,435 feet.

Other Magnolia field wells are: Hunt's (Placid Oil Company's) Roy Couch No. 2, southeast northwest of section 19-17-19, 4,300; Phillips Petroleum Company's Longino No. 2, northwest southeast of section 15-17-20, 5,500; Phillips Petroleum Company's Walthall No. 1, southeast southwest of section 15-17-20, 6,400; Phillips Walthall No. 2, southwest southwest of section 15-17-20, 4,500; Shell's Garrett No. 2, northeast southeast of section 13-17-20, 6,700.

Southwood's Johnson A-1, northeast northwest of section 22-17-20, 6,300;

Southwood's Johnson B-1, northeast southeast of section 22-17-20, 5,400; Southwood's Walthall No. 2, southwest northwest of section 22-17-20, 2,700; Southwood's Simmons No. 1, northeast southwest of section 22-17-20, rigging up; Standard's Foster Unit No. 1, southwest northwest of section 19-17-20, 6,900; Standard's Booth No. 1, northwest southeast of section 24-17-20, rigging up; Standard's W. F. Merritt Unit No. 1, southwest southeast of section 16-17-20, moving in on location (a new location).

Marine's Jones No. 1, northwest northeast of section 21-17-20, preparing to start; Normandie's Dees No. 1, northeast southeast of section 24-17-20, has set second string of casing at 2,200; Vaughan's Jones No. 3, northwest southeast of section 21-17-20, preparing to start.

Atlantic's Luel Spain No. 2, a new location, southeast southwest of section 18-17-19, moving in; Atlantic's Sam Brown No. 1, northwest northeast of section 22-17-20, at 2,200; Standard's H. B. Eddy No. 1, Buckner field, southwest southwest of section 7-16-22, 6,500; Standard's Nancy Johnson No. 1, semi-wildcat, a mile east of Buckner field production, southwest northeast of section 9-16-22, 4,100.

It is expected that the Tidewater-Seaboard Oil Company will announce a location in the northwest northwest of section 15-18-19, a north offset to the Lion's Tissue No. 1, third well in the Atlantic field, which made 90 barrels per hour, flowing through a medium choke. It was pronounced the best of the three in that southeast field.

Three New Wells Raise Magnolia Total to 50.

8-13-39

Special to the Gazette.

Magnolia, Aug. 12.—Three wells have been completed this week in Magnolia field. Following the completion of Mid-Continent's (Carl B. King's) R. S. Foster No. 1 northeast southeast of section 24-17-20, last Saturday, Atlantic Oil Company's J. A. Foster No. 2, southwest northeast of section 23-17-20; Southwood's Simmons No. 2, northwest southeast of section 22-17-20, and Southwood's Walthall No. 1, northwest northwest of 22-17-20, were added the first of this week as the 48th, 49th and 50th wells.

Gauges on the Simmons No. 2, was 18 barrels per hour through an 11-64th inch choke, with gas pressure on tubing 1,300 and on casing 1,250. The Walthall well gauged 280 barrels in 24 hours through a 12-64th inch choke. Tubing and casing pressure was 1,400.

Hunt Oil Co.-Placid Oil Co. Roy A. Couch No. 2, northeast northwest of 19-17-19, drilled plug late yesterday but after flowing six hours the well stopped, just as one or two others had done. The stoppage apparently was caused by clogging. Gas from another well nearby has been turned into the Couch well to relieve the obstruction. Officials said they expected the well to clean itself soon. It was reported to have drilled through 103 feet of saturation. It is on the eastern edge of the field. Pipe was set to 7,543. Porosity was topped at 7,440 and the big lime at 7,326.

Also in Buckner field, Standard has started drilling plug on the H. B. Eddy No. 1, southwest southwest of section 7-16-22, at 7,216 and is due to be completed tomorrow afternoon as the company's 14th well in that area. Total depth is 7,252.

Three Others Coring.

Three others in the Magnolia field are coring in lime at average depths of production and are nearly ready to set production pipe. These three are Standard's Foster Unit No. 1, southwest northwest of section 19-17-19, coring at 7,420; Phillips Petroleum Company's Walthall No. 1, southeast northeast of section 15-17-20, coring at 7,465, and Southwood's Johnson A-1, northeast northwest of section 22-17-20, coring at 7,475.

Shell's Levi Garrett No. 2, northeast southeast of section 13-17-20, is drilling below 7,300 and will likely be coring in pay over the week-end, or before.

Arkansas Fuel Oil Company-South-

wood's Crisp-Glasgow No. 2 northwest of the southwest of section 23-17-20, has had trouble setting pipe, but is expected to be completed soon. Top of the porosity was reached at 7,544, and it is expected to make a good well.

Status of other wells is:

Magnolia field—Southwood's Johnson B-1, northeast southeast of section 22-17-20, drilling below 6,500; Southwood's Walthall No. 2, southwest northwest of section 22-17-20, below 5,300; Atlantic's Sam Brown, No. 1, northwest northeast of section 22-17-20, below 3,300; Southwood's Simmons No. 1, northeast southwest of section of 22-17-20, below 2,200; Phillips Petroleum Company's Longino No. 2, northwest southeast of section 15-17-20, below 6,700; Phillips Petroleum Company's No. 2, southwest southwest of section 15-17-20, below 6,400; Standard's Booth No. 1, northwest southeast of section 24-17-20, below 3,800; Standard's W. F. Merritt Unit No. 1, southwest southeast of section 16-17-20, below first string of casing, set at 195 feet.

Marine's Jones No. 1, northwest of the northeast of section 21-17-20, below 2,300; Normandie's Jap Dees No. 1, northeast southeast of section 24-17-20, below 4,600; Vaughan's Jones No. 3, northwest northeast of section 21-17-20, derrick up; Atlantic's Luel Spain No. 2, southeast southwest, section 18-17-19, around 2,200.

Standard Nancy Johnson No. 1, southwest northeast of section 9-16-22, a semi-wildcat, a mile east of Buckner field production, is nearing 6,000 feet.

Wild Cats—Atlantic's Pinewood Lumber Co. No. 1, northeast northeast of 16-18-22, is drilling below 8,775, after topping the Buckner formation at 8,759. Reports from a core late today said the formation showed up better, and this had raised spirits that the well, almost nearly despaired of, may prove a producer by the time the contract depth, 9,000 feet, is reached.

Two New Oil Wells In Magnolia Area

8-15-39

Special to the Gazette.

Magnolia, Aug. 14.—Two producers were added to fields here over the week-end.

Standard's H. B. Eddy No. 1, in Section 7-16-22, was flowing into tanks today. It was placed on 5-64th inch choke today, after making 68 barrels an hour through an open tube. Tubing pressure was 450 and casing, 200.

A gauge was not available after the well was placed on smaller choke. The well was treated with 3,000 gallons of acid yesterday afternoon.

The well is in the Lafayette county part of the Buckner field, and is the company's fourteenth producer in that field.

Hunt Oil Company's Roy Couch No. 2, in Section 19-17-19, which stopped flowing Saturday, was opened up yesterday by a flow of gas from the Couch No. 1, of which the No. 2 is an east offset. It was flowing into the tank today. It is the fifty-first producer in the Magnolia field.

Wildcat Test Near Magnolia In Another Favorable Core.

8-16-39

Special to the Gazette.

Magnolia, Aug. 16.—The Pine Wood Lumber Company wildcat test, 11 miles southwest of Magnolia, being drilled by the Atlantic Oil and Refining Company in northeast northeast of Section 16-18-22, continues to hold the interest of the public, oil operators and promoters. A core was taken this morning at 8,880 feet and a 12-foot recovery showed hard and soft lime, with streaks and odor of gas and sulphur. All of the deep lime wells in the Magnolia field are strong in sulphur. Contract depth is 9,000 feet.

In the Magnolia field, the Johnson A-1, drilled by Southwood in northeast northwest of Section 22-17-20, was flowing into tanks as the field's 52d well. No gauge has been taken. Total depth is approximately 7,500 feet.

The Crisp-Glasgow No. 2 in northwest southwest of Section 23-17-20, drilled by Southwood and Arkansas Fuel Oil Company, is the next well expected to drill plug in this field.

Magnolia's 53d Well Perforated

8-17-39

Special to the Gazette.

Magnolia, Aug. 17.—The Magnolia field's 53d well, the Arkansas Fuel Oil Co.-Southwood Crisp-Glasgow No. 2, northwest southwest of 23-17-20, was perforated with 144 shots between

7,622-62 feet and pipe was set to 7,667 today. Gauge on the flow probably will be announced tomorrow.

Southwood's Johnson A-1, completed yesterday, made 16 barrels an hour on a 3-16-inch choke. Gas pressure on tubing was 1,550 and on casing, 1,500. This is in northeast northwest of 22-17-20.

Shell Oil Co. set casing below 7,600 on the Levi Garrett No. 2, northeast southeast of 13-17-20, yesterday. This well is expected to be completed the last of the week. Standard's Foster Unit No. 1, southwest northwest of 19-17-19, set pipe to 7,594, and was setting a short string below this late today, preparatory to completion.

Hope for Wildcat Fades.

Hopes for the Atlantic's wildcat, Pinewood Lumber Co. No. 1, northwest northeast of 16-18-22, decreased today when a cone showed little encouragement. The well is below 8,900, less than 100 feet from contract depth, 9,000. The Cotton Valley formation yielded good cores at about 6,000 feet, however, and it is said operators may return to that level and make a well.

All Wells Closed.

All wells in the county's four fields were shut down today in compliance with order of the state Oil and Gas Commission. There are 52 in the Magnolia field, 14 in Buckner, nine in Village, and three in the Atlanta field. The shutdown will be for 15 days and possibly longer, said an officer today.

Final Casing Set on Columbia County Wildcat.

Gazette 8-24-39

Special to the Gazette.
Magnolia, Aug. 23.—Five and a half-inch production pipe was set on the Atlantic Oil Company's Pinewood Lumber Co. No. 1 wildcat, northeast northeast of section 16-18-22, Columbia county. Hope for completing the well in what would be a fifth field in the county has been despaired of and then revived several times. It has been the most closely watched wildcat in the county's history.

A semi-wildcat, Standard's Nancy Johnson No. 1 southwest southeast of 9-16-22, a mile east of the Buckner field production, is attracting much interest. Preparations are being made for setting production casing and making first test. It is bottomed at 7,272 feet, a little lower than production was found in the Buckner field well. A Schlumberger test showed good signs of production formation.

Six wells in the Magnolia field are on the list for early completion, some this week, and others next week.

Magnolia Oil Field Gets Its 55th Well

Gazette 8-25-39

Special to the Gazette.

Magnolia, Aug. 24.—Magnolia field added its fifty-fifth well today with completion of the Phillips Petroleum Company Walthall No. 1, southeast southwest of Section 15-17-20.

Depth is 7,735 feet, with casing set to 7,701. Gas pressure was 1,200 pounds on tubing and 935 on casing.

Shell announced a new location, the Merritt No. 1, northeast southwest of Section 15-17-20, onto which equipment is being moved from the company's recently completed Levi Garrett No. 2 on the northeast edge of the field. The new location is on the west edge of the field proper.

Gazette 8-27-39 Oil Well Flows Again After Inactive Period

Lewisville — Erwin & Leach, East Texas Refining Company's Buchanan well No. 2, in section 19-16-23, began flowing again yesterday, making 100 barrels a day on a 3-16-inch choke. The well went dead, due to low gas pressure, and was acidized Monday. The depth of the well is 3,480 feet and it is the eighth producer in the Stamps-Lewisville field.

Plans are under way to spud in a well at a new location, it was announced today. It will be the McGee No. 1, in the northeast, northeast of section 23-16-24, a west offset to the Warren A-2.

Third Well in Week Completed In Magnolia Field.

Gazette 8-27-39

Special to the Gazette.

Magnolia, Aug. 26.—Plug was drilled today on the Phillips Company's Longino No. 2, northwest southeast of section 15-17-20, Magnolia field, but no gauge has been made. The well is bottomed at 7,736, with casing set to 7,722.

It was the third well brought in this week. Shell's Garrett No. 2, northeast southeast of section 13-17-20, the farthest northeast well in the field, was completed Sunday, and Phillips Petroleum

Company's Walthall No. 1, southeast southwest of section 15-17-20, came in Thursday as the 55th well in the field. Both gauged up to standard.

Two Wildcats Due In.

Two important wildcat tests will be made when plugs are drilled in the Atlantic's Pinewood Lumber Co. No. 1, northeast northeast of section 16-17-22, on Dorcheat bayou, on which pipe has been set to 9,003 feet, and Standard of Louisiana's Nancy Johnson, a semi-wildcat in section 9-16-22, east of Buckner field in Columbia county. Schlumberger

Stamps Transformed By Oil Boom

Gazette 8-20-39

Special to the Gazette.

Stamps, Aug. 19.—The past three months have seen much building and improvement of homes and streets in Stamps. Business men here report a decided increase in profits during this period, which is believed caused by the recent development of the new shallow oil field two and a half miles southwest of town.

100 New Families Here.

It is estimated that more than 100 new families have settled here since last fall. Some are employees of the Standard Oil Company and work in the Buckner field, three miles east of Stamps, and others are drilling crews and employees of East Texas Refining Company, who are developing the new field. A seismograph crew has been established here also since last spring.

Too numerous to mention are homes which have been remodeled, improved and converted into apartments. One has to speak for a carpenter's services far in advance. New homes have been erected by Henry Knight, Alred Cross, J. C. Smith, Carl Davis, A. O. Smith, Louis Hartsfield, T. R. Simms, Jack McMurrugh and A. C. Kelley. Garage apartments have been erected by Mrs. Molly Raney, T. F. Gillespie, A. O. Smith, Mrs. B. O. Strange, L. T. Davis, Dr. A. W. Keith and Alred Cross.

Martin Mouser has erected a large service station on Highway 82 at Thomas street. Mrs. B. O. Strange has added an annex and banquet hall to her European hotel and installed a cooling system. The Hoover building was bought by Mrs. Molly Raney and remodeled for business locations. There is not a vacant building in the downtown section.

Principal streets are being blacktopped and others oiled. Streets in the business section were paved last year.

A stranger entering the town for the first time now, never would guess that less than 10 years ago the majority of homes here were as alike as the proverbial "peas in a pod." These houses were erected by the Bodcaw Lumber Company many years ago for its employees, and all were painted the regulation dull drab gray. Now there are less than a dozen of the company houses left, as most of them have been sold to private owners, who have remodeled them.

Lucky was the person who bought one of these houses and lots at the time they were offered for sale, as they could be bought for \$200 to \$350 according to size, and property here now has more than tripled in value. In fact, the lots which were not bought then can not be bought at any price today, as they have been taken off the market. Rental houses are needed badly, as the demand far exceeds the supply.

New Wildcat Well Near Magnolia

Gazette 8-29-39

Special to the Gazette.

Magnolia, Aug. 28.—After many oil scouts and others had frowned on the Atlantic Oil and Refining Company's Pinewood Lumber Company's No. 1 wildcat test in the northeast of the northeast of Section 16-18-22, on the theory that after drilling 9,000 feet and failing to bring in a producer there was no oil in the hole, the driller announced tonight that "we've got a well."

The casing was shot between the 8,861-75-foot level yesterday, with 56 perforations. A short time later water began to flow, but there was indication of a strong gas pressure. After practically everyone who had visited the test today had expressed belief that oil would not be found in that area, the driller announced that oil had begun to flow. He said that a gauge would be taken tomorrow.

News of the potential oiler was received with much excitement in Magnolia. It was reported that big oil company scouts had been on the scene,

but that they had shown little interest. However, with the report that oil had been struck, there was a wild scramble to return to the well.

The well is about 11 miles southwest of Magnolia, and about 14 miles to the nearest producer. It is perhaps the deepest wildcat well in the state.

Another Wildcat Due Today.

Standard Oil Company hopes to bring in its Nancy Johnson No. 1 well, in the southwest of the southeast of Section 9-11-22, tomorrow. The hole was washed today. This well is 11 miles west of Magnolia and about four miles from Waldo.

New Magnolia Well Makes 350 Barrels

Gazette 8-30-39

Special to the Gazette.

Magnolia, Aug. 29.—The Pinewood Lumber Company's well in Columbia county's new deep pool, the deepest in the state, made 22.88 barrels an hour in a six-hour test through an 18/64 inch choke today.

The oil has been turned into a large storage tank, which had been used for fuel oil. Gravity was 43.5, with a little sulphur and no salt water. Buckner lime was topped at 8,769 feet. Smackover at 8,807 feet and the Reynolds at 8,814 feet. Tubing pressure was 850 pounds and casing pressure built up from 600 pounds to 1,550 pounds. Gas-oil ratio is 1,200-1.

More Drilling in Area Expected.

Leases in this area are of short duration, and operations are likely to begin in 90 days. Dulaney Drilling Co. made the test with few fishing jobs and repairs.

Major companies which hold leases in this section are: Superior Lion, Mid-Continent, Magnolia, McAlester Fuel Oil, Sun, North Central, Texas, A. C. Glassell, Shell, Oilphant, Standard, Tide-water, Hassie Hunt, Gulf and Steven.

Walthall Well Drills Plug.

Southwood drilled plugs in the Walthall No. 2, in the corner of the southwest northwest of section 22-17-30, today, but the flow has not been gauged.

Standard is reaming to 7,538 feet to core ahead in the Booth No. 1, in the corner of the northwest southeast of section 24-17-20. Atlantic was coring below 7,600 feet in the Sam Brown No. 1, in the corner of the northwest northeast of section 22-17-20, and below 7,540 feet in the Luel Spain No. 2, in the corner of the southeast southwest of section 18-17-19.

New Columbia Wildcat To Spur Drilling

Gazette 9-3-39

Special to the Gazette.

Magnolia, Sept. 2.—Opening of a fifth field in Columbia county as the result of completion of the Standard's Pinewood wildcat, 11 miles southwest of Magnolia in the Dorcheat bayou bottom, has spurred oil development in South Arkansas.

The new field is about 12 miles from the nearest production and 14 miles due south of the Buckner field. Since the well was shut down Thursday until storage facilities could be built, the pressure has increased. It flowed a high gravity oil, with no show of salt water. Roads must be improved before an extensive drilling campaign can start. The well is on the Dorcheat bayou bottom and on the bank of Big creek.

Shell Oil Co. is reported building a road to the section, contemplating a north offset to the new well.

Other Activities.

Standard's Nancy Johnson No. 1 southwest southeast of section 9-16-22, may prove an average well with the Buckner wells a mile west. It was acidized Thursday. Gas pressure is 200 on tubing and 100 on casing. It made 10 barrels per hour on a 13-64-inch choke.

Three other completions in Magnolia field this week were: Phillips Petroleum Company's Walthall No. 2, southwest southwest of section 15-17-20; Southwood's Walthall No. 2, southwest southwest of section 22-17-20, and Southwood's Johnson B-1, northeast southeast of section 22-17-20.

The Marine Oil Company's Jones No. 1, northwest of the northwest of section 21-17-20, two locations west of the discovery well in the west extension, is fishing for lost pipe after drilling to about 6,000 feet.

Standard's Foster Unit No. 1, southwest northwest of section 19-17-19, the farthest southeast of any well in the field, is seeking 13 lost joints.

Two Wells Set Final Casing.

Among the tests which have set production strings of casing are two by the

Atlantic Oil and Refining Company. They are: Sam Brown No. 1, northeast northeast of section 22-17-20, at 7,633, and the Luel Spain No. 2, southeast southwest of section 18-17-19, at 7,570. Standard has run pipe to 7,570 in the Booth No. 1, northwest southeast of section 24-17-20. Smackover lime was topped in this test at 7,404.

Approximate depths of other wells in the field are: Normandie's Dees No. 1, northeast southeast of 24-17-20, is at 7,439 and fishing for lost pipe; Standard's Merritt Unit No. 1, southwest southeast of section 16-17-20, 6,300; Southwood's Simmons No. 1, northeast southwest of section 22-17-20, near 6,200; Vaughan Jones B-1, northwest northeast of section 21-17-20, near 6,500.

Shell Oil Company is ready to start on the Merritt No. 1, northeast southwest of section 15-17-20, on the west edge of the field.

Magnolia Area Has Three Wells

Gazette 9-5-39

Special to the Gazette.

Magnolia, Sept. 4.—The Magnolia oil field now has 62 producing wells, three having been brought in over the weekend. Two of them were drilled by the Atlantic Refining Company.

The Sam Brown No. 1, in Section 22-17-20, averaged 28 barrels an hour through a quarter-inch choke. A nine-hour test was made and then turned into tanks. The total depth was 7,635 feet and production casing set to 7,633. Casing pressure was 500 pounds and tubing pressure 1,100 pounds.

The Luel Spain No. 2, in Section 18-17-19, averaged 25 barrels an hour through a 14-64 inch tubing choke over a 10-hour period. Casing pressure was 800 pounds and tubing 1,200 pounds. It is an east offset to the No. 1, on extreme edge of the field. Production string was run late last week to 7,570 feet. The test was bottomed at 7,597.

Standard Gets Producer.

Standard of Louisiana brought in its first producer in the Magnolia field yesterday, the No. 1 Booth, in Section 24-17-20. The well was flowing into pits. On first gauge this afternoon it showed 22 barrels an hour on a quarter-inch choke, with average pressure. Total depth is 7,570 feet. Casing was set to 7,485 feet.

Normandie Oil Corporation is digging pits and cellars for its Dees No. 2 in Section 24-17-20.

Pinewood was opened today and is flowing into the new storage tanks.

Two More Magnolia Field Wells In

Special to the Gazette.

Magnolia, Aug. 8.—Two more wells, the 49th and 50th, were added in the Magnolia field today. The Southwood Oil Co. completed the Simons No. 1, northwest southeast of 22-17-20, and the Walthall No. 1, northwest northwest of 22-17-20. Both set casing last Wednesday.

The Simmons well was shot 60 times between 7,622 and 7,630, and the Walthall well was washed in. They are flowing, but no gauge has been taken. The Simmons set pipe at 7,657 and the Walthall at 7,437. Both looked good producers.

The Hunt Oil Company's Roy Couch No. 2 is waiting on casing set yesterday. The well is bottomed at 7,543 and is said to have drilled through 103 feet of saturated lime. This well is the most eastern in the field. It is scheduled for completion Thursday or Friday.

63d Well In Magnolia Area Completed

9-12-39

Special to the Gazette.

Magnolia, Sept. 11.—Magnolia field's 63d well came in today, flowing into tanks, but no official gauge is announced. The new producer is Vaughn's Jones B-1, in 21-17-20. It is a west offset to Vaughn's Joel Jones No. 1.

Plug Drilled on Normandie Well In Magnolia Field.

Special to the Gazette. 9-18-39

Magnolia, Sept. 17.—Plug was drilled on the Normandie Oil Company's Dees No. 1, Section 24-17-20, Magnolia field, today. It will be washed in and put on flow tomorrow.

Dees No. 1, in Magnolia Field, Flowing Into Pits.

Special to the Gazette. 9-19-39

Magnolia, Sept. 18.—Normandie Oil Corporation's Dees No. 1, in Section 24-17-20, Magnolia field, drilled the plug at 7,465 feet last night and was flowing into pits today, casing pressure is 1,200 pounds and tubing pressure, 1,400 pounds. No gauge has been made.

Next three wells in the Magnolia field scheduled to be tested are the Standard's Merritt No. 1, the Marine Oil Company's Jones No. 1 and the Southwood's Simmons No. 1.

Three tentative locations have been made in new Columbia county field, on Dorcheat bayou. All are offsets to the Atlantic's Pinewood Lumber Company's discovery well, the Keith No. 1, in Section 9-16-22.

54th Magnolia Field Well Completed

8-21-39

Special to the Gazette.

Magnolia, Aug. 20.—Shell Oil Company completed its Garrett No. 2 in the northeast southeast of Section 13-17-20 as the Magnolia field's 54th producer at noon today.

It is flowing into the pits and will be gauged tomorrow and then shut down, like all other wells in prorated fields of Arkansas.

Extension Of Magnolia Pool Indicated

9-22-39

Special to the Gazette.

Magnolia, Sept. 21.—Southwood's Simmons No. 1, NE SW 22-17-20, sixty-fifth well for the Magnolia field, which flowed into tanks Wednesday, was gauged today at 16 barrels per hour through 12-64 inch choke with gas pressure of 1,400 pounds on both casing and tubing. Production pipe was set to the bottom, which is 7,623. This is on the southwest edge of the field.

Marine's Jones No. 1, NE NW 21-17-20, sixty-sixth well, most westerly in the field which has been watched with much interest to determine whether the structure may extend on west in the recently opened Jones extension area, was flowing into tanks this afternoon after coming in this morning and cleaning itself into pits. While no gauge has been taken it is generally pronounced a good producer. Several other waiting locations near it are expected to be in the drilling program in the near future.

Another well is due in the last of the week in the same field. It is Standard's Merritt No. 1, SW SE 16-17-20, which set pipe Tuesday night to 7,690. Plug is expected to be drilled Friday or Saturday. Its location is the most northwesterly location active in the field.

New Location.

In the new location in the Dorcheat area, an east offset to the fifth deep field opened by Atlantic's Pinewood Lumber Co. No. 1, NE NE 16-18-22, is the Lion Oil Company's R. S. Warnock No. 1, in NW NW 15-16-22, which is having machinery moved in and work expected to start immediately on this second location.

New Well in Magnolia Field To Be Completed Today.

9-24-39

Special to the Gazette.

Magnolia, Sept. 23.—Standard Oil Company drilled plug today in the W. F. Merritt Unit No. 1, SW SE, 16-17-20, and it was washing in tonight. It will not be on the completed list until tomorrow. Total depth is 7,664 feet with pipe set to 7,590 feet. Marine Jones No. 1, completed Thursday, has been gauged at 18 barrels per hour through a 13-64th-inch choke. It is in NE NW, 21-17-20. They are the two most western wells in the field.

New Magnolia Extension Well To Spur Drilling in Area.

Magnolia, Sept. 25.—The completion of Marine Oil Company's Jones No. 1, in the northeast northwest of section 21-17-20, western border of the recently opened Jones extension area to the Magnolia field, with indications of good production will inspire increased drilling in that area. This was completed Thursday as the sixty-sixth producer in the field. It was the third completion of this week. Another is due in.

The other two added were Normandie's Dees No. 1, northeast southeast of section 24-17-20, completed Monday, and Southwood's Simmons No. 1, north-

east southwest of section 22-17-20, completed Wednesday and gauged Thursday at 16 barrels per hour through a 12 64-inch choke, with gas pressure on both tubing and casing 1,400 pounds. The Dees well gauged a good flow with good pressure.

The next well due in is Standard's Merritt No. 1, southwest southeast of section 16-17-20, on which casing was set Tuesday night. This is the farthest northwest well in the Magnolia field. Pipe was set to 7,590. If this well proves a good producer, activities will increase all along the western border. This western trend is coming nearer Magnolia.

New Field to Be Named Tuesday.

The most interesting field now is the Dorcheat area, opened by the Atlantic Pinewood Lumber Company No. 1, in northeast northeast of section 16-18-22. This field will be named Tuesday by the Arkansas Oil and Gas Commission at its meeting here. An offset has been made on the east by the Lion. It is the R. S. Warnock No. 1, northwest northwest of section 15-18-22. Digging of pits and moving in of rotary have been started. Other tentative locations are waiting. One is a north offset, the W. P. Keith. Seismograph crews are operating in the areas near the field opener.

Other wells in the Magnolia field active include Standard's Foster Unit No. 1 southwest northwest of section 19-17-19, a trouble maker for several weeks and that company's first location in the field. It is drilling slowly past lost pipe, which halted activities for several weeks. The well was ready for completion August 10, it was believed when pipe nearly filled the hole. Now a new sidetrack has lost its pipe.

Shell's Merritt No. 1, northeast southwest of section 15-17-20, is drilling below 6,800; Normandie's Dees No. 2, southeast southeast of section 24-17-20, is nearing 3,800; Standard's T. J. Gunnels No. 1, southeast northwest of section 23-17-20, is at 3,300; Southwood's A. L. Poindexter C. 1, in the north half of southwest southeast of section 23-17-20, on a 20-acre tract, is near 2,500; Standard's D. H. Lewis No. 1, northwest northeast of section 19-17-19, is below 2,200; Vaughan's Jones B-2 (Unit No. 1), a new location in southwest northeast of section 21-17-20, a southwest offset to the Jones extension opener, has set first string of surface pipe.

In the Village area, McAlister Fuel Oil Company is drilling below 5,800 in the Harris No. 1, in southwest northwest of section 14-17-20. Standard is drilling at 4,800 on the Allen Foster No. 1, section 7, Buckner field. The Tidewater Associated Seaboard's Clark No. 1, southeast northeast of section 16-18-19, Atlanta field, has set surface casing. This location is a west offset to Lion's J. G. Tissue No. 1, latest and third producer in the field.

Standard Announces New Test Near Magnolia.

Special to the Gazette.

Magnolia, Oct. 3.—Standard Oil Company has announced a new wildcat test in Columbia county, the Petty Stave No. 2, in the center of the southeast of the southeast of section 4-17-21, northwest of Magnolia.

Phillips Petroleum Company drilled a test three-quarters of a mile southwest of the Standard's location on the Rogers-Askew lease in April. The test was abandoned but Standard since has continued to buy holdings in the area and is one of the largest lease holders among the major oil companies. The test will be the nearest location to Magnolia.

Shell Petroleum Company drilled plugs and perforated casing today at the Merritt No. 1, in the center of the northeast of the southwest of section 15-17-20. It was bottomed at 7,675 feet.

Standard Announces Another Wildcat Test in Columbia.

Special to the Gazette.

Magnolia, Oct. 4.—Standard Oil Co. announced another wildcat test for Columbia county today. It will be in the northwest of the northwest of section 37-16-20, six miles northeast of Magnolia and three miles north of the producing Magnolia field. The location is in the Warnock Springs area and will be known as the Warnock No. 1. Early in the spring Standard bought a large lease from the Warnock estate, and this test has been expected for several months. Drilling will not begin immediately, as roads must be opened to the area. Workmen now are clearing the way. Roads also are under construction to the new wildcat test which Standard will drill on the Petty Stave lease in the southeast of the southeast of section 4-17-21.

Tools are rigged up and everything is ready to spud in the Warnock No. 1 in the Dorcheat area, offset to Pinewood No. 1.

Shell's Merritt No. 1 is flowing into tanks and was gauged at 30 barrels per hour on quarter-inch choke. Tubing pressure is 1,175 and casing pressure, 1,275 pounds. Total depth is 7,610 feet.

\$750,000 Oil Plant Planned Near Magnolia

10-6-39

Special to the Gazette.

Magnolia, Oct. 5.—Construction of a gasoline extraction plant costing nearly \$750,000 will be started in the Magnolia field at once, the Shell Oil Company announced from St. Louis today.

The plant will be owned by Shell, Atlantic and other major oil companies. It will have a daily intake capacity of 13,000,000 cubic feet of gas. It is estimated that 50,000 gallons will be produced daily. Construction will be directed by Shell, which will be in charge of operation.

The Gasoline Plant Construction Corporation of Houston, Tex., received the contract at \$460,000. Ingersoll, Rand & Co. of New Jersey will supply compressor equipment and pipeline material, and labor will cost \$143,000.

Loading lines into Magnolia, where loading facilities will be maintained, will be laid by the Latex Construction Company of Houston. Pipe will be furnished by American Rolling Mill Company, Middleton, O., the Allegheny Ludlum Steel Company, and Sprang Chalfant & Co., both of Pittsburgh.

Preparations Started.

J. L. Peake, Dallas, obtained a \$15,000 contract for construction of a camp, on which work is proceeding. The plant site is being cleared and delivery of pipe is scheduled for November 1.

More than 100 men will be employed in building the gas plant and it is expected that total employment on the whole project will reach a peak of 150 to 175 men.

It is the second gasoline extraction unit announced for construction by the Shell organization this year. Work is under way on the first, in the Wasson Field of East Texas. Both plants will embody most recent developments in engineering design.

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New Buckner Field Well Completed

10-9-39-Gazette

Special to the Gazette.

Magnolia, Oct. 8.—Standard Oil Company's Allen Foster No. 1, in the northwest of the southwest of section 7-16-22, Buckner field, began flowing early today, after drilling the plug late yesterday. On a two-hour gauge this afternoon it flowed 101 barrels of oil through an open choke. The gas-oil ratio was 191-to-1, with tubing pressure 191 and casing pressure 30, but pressure was building up. The well is being placed on a small choke, so it will flow only 150 barrels per day, its allowable. The well is bottomed at 7,258. Nine feet of porosity was drilled and cored through above bottom.

McAlister Fuel Oil Company drilled the plug in the company's E. D. Harris No. 1, in southwest of the northwest of section 14-17-19, Village field, today but it will not be completed until tomorrow.

Standard Oil Company has announced a new location in the Village field. It is the Jamison Unit No. 1 in the northwest of the northwest of section 14-17-19, a north offset to the McAlister Fuel Oil Co., now being completed.

Standard has the derrick up on the Petty Stave Co. No. 1, a wildcat slightly more than a mile northwest of town, southeast of the southeast of section 4-17-21.

Another Well Completed In Village Field

10-10-39 Gazette

Special to the Gazette.

Magnolia, Oct. 9.—McAlister Fuel Oil Company's E. D. Harris No. 1 southwest of the northwest of section 14-17-19, Village field, which drilled plug yesterday, was flowing into pit this afternoon, cleansing itself, while tanks are being erected for reservoirs. The depth is 7,408 feet. Indications point to a good producer. It is the 10th well at Village.

The Standard Oil Company of Louisiana, which has been inactive in that field for several months, announced a location as a north offset to this new producer, the Jamison Unit No. 1, in the northwest of the northwest of section 14-17-19. Work has started on the derrick.

E. D. Harris No. 1, in Magnolia Area, Under Test.

10-13-39 Gazette

Special to the Gazette.

Magnolia, Oct. 12.—McAlister Fuel Oil Company is testing the new completion, the E. D. Harris No. 1, in Section 14-17-19. The gauge has not been determined, but the Smackover lime was topped at 7,370 feet.

Standard will drill plugs in the T. J. Gunnels No. 1, in Section 19-17-19, tomorrow. Total depth is 7,554 feet. Smackover lime was topped at 7,452 feet. This test is in the Magnolia field. A new location in the Dorcheat area is the Pinewood Lumber Company No. 2, in Section 16-18-22, the same section as the discovery well. There are two locations west and one south of the Pinewood, No. 1.

99th Well In Magnolia Area Completed

10-15-39 Gazette

Special to the Gazette.

Magnolia, Oct. 14.—Standard Oil Company's T. J. Gunnels No. 1 well, in Section 19-17-19, was completed today and is flowing into tanks. It is making 25 barrels an hour through a 5-16 inch choke. A gauge on the pressure has not been taken.

This is the 99th producer in the Magnolia field and the 99th for the five fields in the county. The depth is 7,554 feet. Smackover lime was topped at

7,452. The well is on the southeast border of the field.

Arkansas Fuel Oil Company announced a new location, King B 1, in the northwest of the northwest of 21-17-20, a west offset to the Marines Jones No. 1, in the Jones extension area.

Construction of Gasoline Plant Begun in Magnolia Field.

10-15-39 Gazette

Special to the Gazette.

Magnolia, Oct. 14.—Work has begun on a gasoline plant in the Magnolia oil field in Section 23-17-20. It will cost about \$730,000, will have an intake of 13,000,000 cubic feet of gas daily and output of 50,000 gallons of gasoline daily, thus saving the gas waste from flares from the 68 producers and future wells in that field, a few miles east of Magnolia.

Shell Oil Company is building the plant, with Atlantic Oil and Refining Company co-operating. Approximately 150 men will be employed.

There has been one completion in the county this week, the 10th producer for the Village field. It was McAlister Fuel Oil Company's E. D. Harris No. 1, in the southwest of the northwest of section 14-17-19, which was gauged as a good producer. This well is an east offset to Standard's E. D. Harris B 1. Standard is making ready to start on Jameson Unit No. 1, in the northwest of the northwest of section 14-17-19, a north offset to the new Village well, and a new location.

Dorcheat Field.

Activities are moving up in the new Dorcheat field, where Atlantic Oil Company recently completed the opener, Pinewood Lumber Company No. 1, whose flow is still encouraging for the development of the new area, 11 miles southwest of Magnolia, where a new location was announced this week, the Atlantic's Pinewood Lumber Company's No. 2, in the southeast of the northwest of section 16-18-22.

Lion's Warnock No. 1, in the northwest of the northwest of section 15-18-22, an east offset to the field opener, has set surface pipe to 320. Shell's location here, the W. P. Keith No. 1, a north offset to the first producer, in the southeast of the southeast of section 9-16-22, has not started operations.

The two wildcats in the county, by the Standard Oil Company, are beginning. The Petty Stave Company's No. 1, in the southeast of the southeast of section 4-17-21, a little more than a mile northwest of Magnolia, has the derrick up, in sight of Magnolia, and is expected to spud in over the weekend. The Standard is building derrick on the R. S. Warnock No. 1 location, in the northwest of the northwest of section 36-16-20, six miles northeast of Magnolia, in the Warnock Springs area, where the company holds a large acreage. This wildcat is expected to spud in early next week. Both wildcats in operation probably will hold interest for the next month or six weeks. They are several miles from production. The Petty Stave test is nearly six miles northwest of Magnolia field production and the Warnock No. 1 is about three and a half miles north of production, on the east border of Magnolia field.

Tidewater Associated Seaboard Oil Company is drilling around 5,100 feet

in its Clark No. 1, in the southeast of the northeast of section 16-18-19, Atlanta field. This is a west offset to Lion's Tissue No. 1, in that deep southeast field, 12 miles southeast of Magnolia.

Standard Oil Company has started under-surface casing in the new location in the Buckner field, H. B. Eddy No. 2, in the southeast of the southeast of section 12-16-23, the farthest location in that field, in Lafayette county on the edge of the town of Buckner. A fishing job loomed soon after this start. The well was down 2,115 feet.

New Location.

A new location in Magnolia field, Shell's Merritt No. 2, in the northwest of the southwest of section 15-17-20, a west offset to the company's recently completed Merritt No. 1, has spudded in and set surface pipe to 132 feet. The Arkansas Fuel Oil Company is drilling below 5,000 feet in King No. 1, in the southeast of the southwest of section 16-17-20, about two and a half-miles southeast of Magnolia.

Status of other wells in the field: Standard's Foster Unit No. 1, in the southwest of the northwest of section 19-17-19, is drilling below 6,500 Standard's D. H. Lewis No. 1, in the northwest of the northeast of section 19-17-19, is near 7,200, and will soon be coring for pay. This is on the east edge of the local field. Normandie Oil Company is drilling at 5,000 feet in Dees No. 2, in the southeast of the southeast of section 24-17-20. Grady Vaughan-Deep Rock Oil Company, which tried to deflect a hole to hit center of the 340-acre tract, is rigging up for a new hole, in the southwest of the northeast of section 21-17-20, in the Jones extension area. This has caused much loss of time. Standard is drilling below 3,600 feet in T. J. Gunnel's B 1, in the northwest of the

southwest of section 19-17-10, on the southeast edge of the field.

Southwood's A. L. Poindexter C 1, in the north half of the southwest of the southeast of section 23-17-20, on a 20-acre tract, is near 7,100 feet. Atlantic's Luel B 1, in the south half of the northwest of the southwest of 18-17-20, is nearing 4,400 feet. This is on the northwest edge of the field.

10-17-39 Gazette

Magnolia, Oct. 16.—Standard Oil Company of Louisiana announced two new locations today, as follows: L. A. Longino No. 1, in 19-17-19, and east offset to the recently completed T. J. Gunnels well, and the other is the D. H. Lewis B 1, also in 19-17-19, an east offset to the D. H. Lewis No. 1. Both are on the east edge of the Magnolia field. The company's Petty Stave Co. No. 1, in 4-17-21, a wildcat a little more than a mile northeast of Magnolia, has spudded in and set 131-2 inch surface casing.

Drilling In Columbia At Active Pace

Gazette 11-19-39

Special to the Gazette.

Magnolia, Nov. 18.—Columbia county oil activities continued at an active pace this week, two wells being added and four others starting or due to start. Two of the new tests are in the Magnolia field, one in the Dorcheat field and one in the Columbia county portion of the Buckner field.

The two completions were Standard's Gunnels B-1, northwest of the southwest of section 19-17-19, completed Monday after plug had been drilled Sunday, and Normandie's Dees No. 2, southeast of the southeast of section 24-17-20, completed Wednesday, after plug was drilled Tuesday.

The Gunnels gauged 80 barrels in six hours through an eight-inch choke. Casing pressure was 1,425 and tubing pressure, 1,300. Depth was 7,600 feet. This well is in the southeast part of the field.

The Dees well gauged 24 1-4 barrels per hour through a quarter-inch choke. Pressure was not good at first, but built up to 1,100 on tubing and 1,400 on casing.

The new Magnolia field locations are: Standard's Merritt B-1, in the northeast of the southeast of section 16-17-20, and Shell's Lewis No. 1, in the northeast of the northeast of section 19-17-19, which are completing derricks. Both may spud by the first of next week.

A new location on the west edge of the county in the Buckner field is Standard's Crone No. 4, in the southeast of the southwest of section 8-16-22, which is building derrick. Gulf Refining Company's Lewis No. 1, a wildcat in the southwest of the northeast of section 12-16-23, Dorcheat field, three miles west and a half-mile north of the discovery well, is scheduled to be started early next week. Roads are being built to the location.

The new Normandie well, being the farthest south in the field, has encouraged drilling in that direction. The successful completion of the A. L. Poindexter C-1 last week on the south edge on a 20-acre drilling block, also has encouraged a southward trend.

Wildcats Still Watched.

Interest still is centering in the two Standard wildcats, the Petty Stave Company No. 1, nearly two miles northwest of Magnolia in the southeast of the southeast of section 4-17-21, which is nearing 7,000 feet, and the same company's R. S. Warnock No. 1 in the northwest of the northwest of section 36-16-20, which is near 6,400 feet, in the Warnock Springs area, six miles northeast of Magnolia.

In the Dorcheat field, Lion Oil and Refining Co., is drilling at about 7,200 in the R. S. Warnock No. 1, in the northwest of the northwest of section 15-16-22. Shell Oil Company is near 4,800 in the W. P. Keith No. 1, in the southeast of the southeast of section 9-18-22. Atlantic is drilling near 6,000 feet in the Pinewood Lumber Company No. B-1, in the southeast of the northwest of section 16-18-22. The Martel No. 1 by the Superior Oil Company, in the southwest of the southwest of section 10-18-22, is below 3,500 feet.

The Atlanta field wells are reaching interesting depths. Tidewater Associated Seaboard is below 8,000 feet in the Clark No. 1, in the southeast of the northeast of section 16-18-19, while Hunt Oil Company's McWilliams No. 1 in the northwest of the northwest of section 15-18-19, is below 5,000.

Another well in the Buckner field is Standard's Nancy Johnson B-1, in the southwest of the southeast of section 9-16-22, an east offset to the semi-wildcat in the east extension of the Buckner field, which is drilling near 1,600.

Jameson Well Due In Soon.

At Village Standard has set production casing in the Jameson Unit No.

1 in the northwest of the northwest of section 14-17-19, at 7,417. Operators expect this to be the next completion in the Village field, which is extending east.

Other activities in the Magnolia field are: Standard's Lewis B-1, in the southwest of the northeast of section 19-17-19, is near 6,700 feet, and the same company's L. A. Longino No. 1, in the northeast of the southwest of section 19-17-19, is near 6,900 feet.

Vaughan has set surface casing on the W. L. Jameson No. 1, in the south half of the south half of the northeast of section 15-17-20, on a long 40-acre drilling unit, north edge of the field. Arkansas Fuel Oil Co. is drilling near 7,000 on the King B-1 in the northwest of the northwest 21-17-20.

East of the Atlanta field, the J. K. Mehoney Emma Riley No. 1 in the northwest of the northeast of section 14-18-19, is reaching near 5,500 and is being closely watched. It is three miles east of the nearest producer, and three miles west of the Union county line.

T. J. Gunnells Well Completed In Magnolia Field.

Gazette 11-14-39
Special to the Gazette.
Magnolia, Nov. 13.—Standard Oil Co. brought in the T. J. Gunnells B-1 yesterday. It was gauged today at 80 barrels over a period of six hours through a one-eight inch choke. The well is on the southeast edge of the field in the northwest of the southwest of 19-17-19, and is one of the best in the field.

New Magnolia Well Extends Field South

Gazette 11-16-39

Special to the Gazette.
Magnolia, Nov. 15.—The southeastern portion of the Magnolia field came into its own today when the Dees No. 2, southeast southeast of section 24-17-20, began flowing into burning pits. There had been some speculation concerning the well, the field's most southern test made. Normandie Oil Company officials reported the well is clearing itself of wash water and pressure is building up.

The well began flowing through a quarter-inch choke with casing pressure of 1,000 pounds and the tubing pressure, 650. By late today the casing pressure was 1,125 pounds and tubing pressure 925. Total depth is 7,559 feet.

Two Columbia Wildcats Now In Buckner Formation.

Gazette 11-26-39
Special to the Gazette.
Magnolia, Nov. 25.—An official of the Standard Oil Company reported today that the company's two closely watched wildcats, the Petty Stave Company's No. 1 in the southeast of the southeast of Section 4-17-21, and the R. S. Warnock No. 1, in the northwest of the northwest of Section 36-16-20, were drilling in the Buckner formation, just above what is expected to be the deep producing lime.

Especially importance has been attached to the Petty well, located one and a half miles northwest of Magnolia, as its successful completion might extend the drilling campaign right into the city of Magnolia. The Petty topped the Buckner stratum between 7,558 and 7,570. It has checked higher on all the structures than the Phillips' Askew-Rogers No. 1, three-fourths mile northwest of it, which was abandoned last spring. Outcome of the test will indicate further whether Magnolia sits over a pool of oil, as some operators believe.

The Warnock test is six miles northeast of Magnolia in the Warnock Springs area and three miles north of the eastern part of Magnolia field. It lies toward the Stephens field, part of which is in northeast Columbia county. The wildcat's structure has been pronounced favorable.

One New Well Completed.

During the past week one well was added and two others prepared for completion. The new producer was Standard's Jameson Unit No. 1, northwest of the northwest of Section 14-17-19, Village field. Arkansas Fuel Oil Company's King B-1, in the northwest of the northwest of Section 21-17-20, a Jones extension to the Magnolia field, set production

casing Thursday. This well, indicating a westward trend, has checked higher than other wells in the vicinity.

Two New Tests Announced.

Tidewater Associated Seaboard's Clark No. 1, in the southeast of the northeast of Section 16-18-19, Atlanta field, is below 8,230 feet. Like the King, it is expected in early next week.

Two new locations were announced today on the southwest border of the Magnolia field. They are Arkansas Fuel Oil Company's King No. 2, in

the southeast of the northwest of Section 21-17-20, southeast offset to the King B-1, and the Grady Vaughan and L. A. Longino's Jones No. 1, centered on a long 40-acre strip. Twenty acres are in each of Sections 21 and 22.

Dorcheat field continues to hold interest, with the Lion's R. S. Warnock No. 1, now below 7,900, within 1,000 feet of production. The well is in the northwest of the northwest of Section 16-18-22 and is an east offset to the field opener.

Other Dorcheat wells are: Shell Oil Company's W. P. Keith, No. 1, southeast of the southeast of Section 9-18-22, nearing 6,400; Atlantic's Pinewood Lumber Company B-1, near 6,900; Superior Oil Company's Martel No. 1, southwest of the southwest of Section 10-18-22, near 4,500; Gulf Oil Company's Lewis No. 1, three miles west of northwest of production, in the southwest of the northeast of Section 12-16-22, 12-16-23, which has moved in rig and is ready to spud in.

In the Buckner field Standard's Crone No. 4, southwest of the southeast of Section 8-16-22, has set first string.

The same company's Nancy Johnson B-1, southeast of the southeast of Section 9-16-22, is near 5,000. The Jameson rig has been moved to the site of the Crone No. 4.

Other activities at Atlanta, beside Tidewater's Clark No. 1, nearing completion, are Hunt Oil Company's McWilliams No. 1, northwest northwest of Section 15-18-19, which is nearing 6,600 feet, and the J. K. Mahony et al.'s Emma Riley No. 1, northwest northeast of Section 14-18-19, more than a mile east of production, which is around 6,500 feet.

Other Magnolia field wells drilling are as follows: Standard's Lewis B-1, southwest northeast of Section 19-17-19, coring below 7,525 and looking for pay; Standard's Longino No. 1, northeast southwest of Section 19-17-19, coring below 7,560 and expected to set casing immediately; Vaughan's W. L. Jameson No. 1, south half of the south half of the northeast of Section 16-17-20, drilling below second string of casing, set near 2,440; Shell's Lewis No. 1,

northeast northeast of Section 19-17-19, below second string, at near 2,500; Standard's Merritt B-1, northeast southeast of Section 16-17-20, near 2,000 feet; Standard's Booth No. 2, southwest southeast of Section 24-17-20, making road and expected to move in at once.

Workers Ready to Lay Pipe.

About 50 workers arrived here this week and 25 more are expected next week to begin laying of the pipeline from the Shell gasoline extraction plant near here to Magnolia. Several new houses are being built. They are rented by the time the first piece of lumber is nailed.

Longino No. 1 In Magnolia Field In

Gazette 11-29-39

Special to the Gazette.
Magnolia, Nov. 28.—Standard's Longino No. 1, northeast southwest of 19-17-19, came in early today and was turned into tanks this afternoon. The flow through a 10-64-inch tube was gauged at approximately 15 barrels an hour, with pressure in casing at 1,150 and on tubing at 1,250. An accurate gauge will be announced tomorrow. The casing was set at 7,556 feet.

Casing was perforated at the Tidewater Associated Seaboard's Clark No. 1, Atlanta field, today.

New Magnolia Field Well Completed

11-29-39

Special to the Gazette.
Magnolia, Nov. 27.—Another producer was added in the Magnolia field today when the Arkansas Fuel Oil Company's King B-1, northwest northwest 21-17-20, came in at 9 a. m. It was turned into the tanks this afternoon. No gauge will be available until tomorrow, but the well is said to be a good one, with average pressure. It is on the west edge of the Jones extension area and about two and a half miles southeast of Magnolia. Its structure is higher than the King No. 1, northeast offset, and this westward trend gives promise of extended drilling. Casing was set at 7,675.

Standard was drilling plug today on the L. A. Longino No. 1, northeast southwest of 19-17-19, Magnolia field, where pipe was set to 7,556.

Tidewater Associated Seaboard was drilling plug on the Clark No. 1, southeast northeast of 16-18-19, where casing was set to 8,255. Atlanta field. Standard is setting production pipe on the Lewis B-1, southwest northeast of 19-17-19.

Cores were taken late today on Standard's two wildcats, which likely

will reveal the prospects for both opening new production. The Petty Stave Company southeast southeast of 4-1 and a half miles northeast nolia, is coring at 7,895. pany's R. S. Warnock No. 1, west northwest of 36-16-20, northeast of Magnolia, is coring at 7,600.

Clark No. 1, Atlanta Field, Gauges Eight Barrels.

11-30-39
Special to the Gazette.
Magnolia, Nov. 29.—The Atlanta field's fourth producer was gauged early today at eight barrels per hour through a 7-64th inch choke, after cleaning itself during the night. It is the Tidewater Associated Seaboard's Clark No. 1, southeast northeast of 16-18-19. Gas pressure on casing was 1,375 and on tubing 600 pounds. The casing was perforated with 42 shots yesterday. Casing was set to 8,255. An official of the company, which brought in the field opener, the Benne No. 1, said the Clark No. 1 showed a higher structure than other wells in the area. It is a west offset to Lion's Tissue No. 1, which is a west offset to the field opener.

Sixth Field Opened In Columbia

12-3-39

Special to the Gazette.
Magnolia, Dec. 2.—Magnolia teemed with excitement again tonight when the Standard's Petty Stave No. 1, a wildcat one and a half miles northwest of Magnolia, produced a high gravity distillate in a drill stem. The well opens a sixth field in Columbia county, but the trend of the field has not been determined.

The tremendous gas pressure blew the well out at 6 p. m. and sprayed oil for several minutes. Gas pressure built up to 425 pounds in 10 minutes. Operators will take the well down to the water level to determine structure of the area. The Phillips' Askew-Rogers No. 1, three-fourths mile northwest of the Petty was abandoned as a dry hole last spring.

Some geologists have predicted the field will extend on toward Magnolia. It already is visible from the city at night. Royalty buying in the section was brisk today.

The test was planned for Thursday, then for yesterday, but rain Thursday and too much mud in the well yesterday hindered the completion. The well was taken to 7,969, where 12 1-2 feet of good porosity was cored in the 27 feet of lime found, after about 200 feet of anhydrite was penetrated.

Warnock No. 1 Develops Salt.

Standard's R. S. Warnock No. 1, northwest northwest of Section 36-16-20, six miles northeast of Magnolia in the Warnock Springs area, struck salt water in the Smackover lime below 7,600 feet yesterday and hopes that it would become a producer vanished.

Magnolia field's third completion of the week was Standard's Lewis B-1, southwest northeast of Section 19-17-19, which came in yesterday. A gauge today for 15 1-2 hours showed a flow of 319 barrels through a 15-64 inch choke, with gas pressure 1,325 on casing and 1,275 on tubing. This well is on the east side of the field and is the 80th producer in the field.

One well was completed in Magnolia field Monday, another Tuesday, and one in Atlanta field late Tuesday. Arkansas Fuel Oil Company's King B-1 was the first added. It is in the northwest of the northwest of Section 21-17-20. It gauged 19 barrels per hour through a 10-64 inch choke, with pressure on casing 1,275 and on tubing 1,200. Depth is 7,675. It is the nearest well to Magnolia (two miles and a half southeast) and on the west edge of the Jones extension, Magnolia field.

Standard's L. A. Longino No. 1, northeast southwest of Section 19-17-19, completed Tuesday, gauged 22 barrels per hour through a 15-64 inch choke. Depth was 7,576.

Atlanta field's fourth producer, Tidewater Associated Seaboard's Clark No. 1, completed Tuesday and gauged Wednesday, flowed eight barrels per hour through a 7-64 inch choke, with tubing pressure at 600 and casing pressure at 1,300. It had a higher structure than other wells there and

indicates a better chance for extension west, as it is a west offset to Lion's Tissue No. 1, a west offset to the field opener, the Tidewater Associated Seaboard's Beene No. 1. The depth of the Clark well is 8,225. Casing was set to the bottom and perforated with 42 shots.

Phillips Starts Joiner No. 2.

New beginnings in Magnolia field include an old location which has stood many weeks, during which time it has been surrounded by producers. It has been in litigation but the case has been settled and Phillips Petroleum Company has begun operations toward drilling the Joiner No. 2, in the southwest of the southeast of Section 22-17-20. It probably will spud in this week-end. Arkansas Fuel Oil Company's King B-2, southeast of the northwest of Section 21-17-20, a southeast offset to the King B-1, completed this week, and south offset to Marline's Jones No. 1, southwest edge of the Jones extension, has rigged up. Standard's Booth No. 2, southwest southeast of Section 24-17-20, and Hunt Oil Company's Booth No. 1, northeast southeast of Section 19-17-19, are new sites which will be started soon.

Other wells in the Magnolia field and their approximate depths are: Standard's Merritt B-1, northeast southeast of Section 16-17-20, near 4,500; Shell's Lewis No. 1, northeast northeast of Section 19-17-19, at 6,000 feet; Vaughan's W. L. Jameson No. 1, south half of the south half of the northeast of Section 15-17-20, below 6,000. This well lost a part of the drilling equipment late Thursday, and Shell's Lewis was said to have had the same trouble. Such troubles have been infrequent recently.

In the Atlanta field, Hunt Oil Company is drilling at 6,900 feet in the McWilliams No. 1, in the northwest of the northwest of Section 15-18-19, and J. K. Mahoney et al. are near the same depth in the Emma Riley No. 1, a mile east of the nearest producer in northwest of the northeast of Section 14-18-19.

One well in the deep Dorcheat field, Lion's Warnock No. 1, northwest northwest of Section 15-16-22, is reaching toward the pay lime, and is near 8,500. Pay is expected 300 feet deeper there. Next week is expected to be an interesting period in that well, an east offset to the field opener. Other wells there and their approximate depths are: Shell's W. P. Keith No. 1, southeast southeast of Section 9-18-22, near 7,200; Atlantic's Pinewood Lumber Company B-1, southwest northwest of Section 16-18-22, near 7,500; Superior Oil Company's Martel No. 1, southwest southwest of Section 10-18-22, 5,500; Gulf Refining Company's Lewis No. 1, a wildcat three miles west of the field and a mile north in the southwest northeast of Section 12-18-23, has started under surface pipe.

In the Buckner area, Standard's Nancy Johnson B-1, southeast southeast of 9-16-22, near Lumber, east extension to the field proper, is near 6,200. The same company's Crone No. 4, southwest southeast of 8-16-22, east edge of the field proper, a south offset to Crone No. 1, both in Columbia county, is around 3,000.

Petty Stave No. 1 in Good Show of Gas.

12-4-39
Special to the Gazette.
Magnolia, Dec. 3.—A 10-foot core taken this morning from Standard's Petty Stave No. 1, southeast southeast of 4-17-21, a wildcat, one and a half miles northwest of Magnolia, which blew in with considerable gas and spray of distillate at 6 p. m. yesterday during a drill stem test at 7,969 feet, contained a fine show of gas. The lower one and a half feet showed good recovery.

The drill stem test last night showed nearly as much distillate in the stands as wash water, but no salt water.

The well was reaming this afternoon. Officials said that after lower structure is studied, this well will be brought in.

Its opening of a sixth deep lime drilling area is expected to extend operations south and probably southwest and southeast. Another major company bought a large acreage south of the well the past week. All land prices have been good.

Production Casing Set in Petty Stave No. 1.

12-7-39
Special to the Gazette.
Magnolia, Dec. 6.—Standard Oil Company is setting production casing in the Petty Stave No. 1, southeast of the southeast of section 4-17-21 at 7,999 feet after penetrating 60 feet of smackover lime. About half the lime had fine saturation, not all solid but in strata several feet thick.

It is believed this wildcat, a mile and one-half northwest of Magnolia, may be a good producer and open a sixth field in the county. Operators

will let the cement set 72 hours before drilling plug or perforating casing to bring in the well. Trading has been brisk and prices good in that area.

A new location was announced today in the Magnolia field, Standard's L. A. Longino, B-1, northwest southeast of 19-17-19, an east offset to the company's Longino No. 1, recently completed on the east side of the field.

One of the best signs of the structure of the north edge is that Vaughan's W. L. Jameson No. 1, on a long east and west 40-acre tract, south half of the south half of northeast of 15-17-20, topped the Buckner at 7,540 feet and was coring at about 7,620 late today. This is higher than was expected on this doubtful north edge, and hopes are high for a good Smackover structure.

Standard has reached the Buckner formation at 7,251 feet in its Nancy Johnson B-1, southeast, southeast of 9-16-22, an east extension of the Buckner field.

New Columbia Field Opener Due In Tomorrow.

12-10-39
Special to the Gazette.
Magnolia, Dec. 9.—Operators expect to drill plug tomorrow on the Standard's Petty Stave Company No. 1 in the southeast of the southeast of section 4-17-21, whose successful completion would open a sixth field for Columbia county.

Following a successful drill stem test last Saturday, operators continued deepening toward the water level to determine structure in the area, but the saturation became so favorable that operators decided to complete it at once. Completion is expected Monday. Production casing has been set to near the bottom, 7,999. Forty-five feet of saturation was penetrated, and a good gas show was obtained.

Johnson B-1 Coring in Pay.

Standard is coring in pay in the Nancy Johnson B-1, southeast southeast of 9-16-22, an east extension of the Buckner field, an east offset to the Nancy Johnson No. 1. Depth is about 7,300 feet, with top of porosity at 7,269. An official said the well will be taken to the water level to determine structure.

The second Dorcheat well, Lion's R. S. Warnock No. 1, northwest northwest of 15-18-22, topped porosity at 8,800 feet and encountered good saturating in the next 10 feet. Workmen immediately prepared for setting casing.

Other wells in Dorcheat field and approximate depths are: Atlantic's Pinewood Lumber Company B-1, southeast northwest of section 16-18-22, near 8,000; Shell Oil Company's W. P. Keith No. 1, southeast southeast of section 9-18-22, near 7,800; Superior Oil Company's Martel No. 1, southwest southwest of 10-18-22, fishing at 6,400; Gulf Refining Company is near 4,200 in its Lewis No. 1, southwest northeast of section 12-18-23, three miles northwest of the producer in that field.

Jameson No. 1 Doubtful.

Indications were that Vaughan might not have a producer in the Jameson No. 1, on the north edge of the Magnolia field, on a long 40-acre tract, south half of the south half of the northeast of 15-17-20, where drilling at 7,676 had not revealed any Smackover. Operators were still in the anhydrite.

Other Magnolia field wells and their approximate depths are: Shell Oil Company's Lewis No. 1, northeast northeast of section 19-17-19, coring in pay below 7,540. Standard's Merritt B-1, northeast, southeast, section 16-17-20, near 6,400; Arkansas Fuel Oil Company's King B-2, southeast northwest of section 21-17-20, near 4,000; Phillips Petroleum Company's Joiner No. 2, surrounded by producers in the southwest northeast of section 22-17-20, below second string casing, after being held back several months by litigation; Standard's Booth No. 2, southwest southeast of 24-17-20, has moved in; Placid Oil Company's Booth No. 1, northeast southeast of 19-17-19, is drilling below first string of surface casing.

Standard's L. A. Longino B-1, was announced this week as a new location in northwest southeast of section 19-17-19. This is an east offset to the company's Longino No. 1, recently completed.

In the Atlanta field the Hunt Oil Company's McWilliams No. 1, northwest northwest of section 15-18-19, is near 7,800 and J. K. Mehoney et al.'s Emma Riley No. 1, northwest, northeast of section 14-18-19, a mile east, is near 7,500. Tidewater Associated Seaboard, whose Beene No. 1, opened the field, with another completion, Clark No. 1, recently, is expected to make announcement of a third location soon.

Petty Stave No. 1 Washed In; To Be Swabbed Today.

Special to the Gazette. 12-13-39
Magnolia, Dec. 12.—Standard's wildcat, the Petty Stave No. 1, southeast southeast of Section 4-17-21, was washed in today and will be swabbed tomorrow. Depth is 7,999 feet and casing was set to 7,989.

Shell's Lewis No. 1, northeast northeast of Section 19-17-19, which drilled plug late yesterday, was perforated today and is expected to flow by tomorrow or Thursday. The depth is 7,609. This will be the eighty-first producer in the Magnolia field.

Magnolia Field's 81st Well In

Special to the Gazette. 12-14-39

Magnolia, Dec. 13.—Shell's Lewis No. 1, northeast of northeast of section 19-17-19, began flowing into tanks this afternoon with a good average flow for the field, but gauge has not been taken. Casing pressure is 1,325 and tubing pressure, 1,250. Casing was shot 228 times from 7,605 to 7,530. Total depth is 7,609. This makes a total of 81 producers for the Magnolia field.

Standard has tanks and separator ready at the Petty Stave No. 1, southeast southeast of 4-17-20, and swabbing has continued with the water level being lowered satisfactorily.

Plugs were drilled this afternoon at Standard's Nancy Johnson No. 1-B, southeast southeast of section 9-16-22, in the lumber area near the Buckner field in Columbia county. If the flow is not sufficient, the test may be acidized tomorrow.

Four Wells In Columbia Due In

12-17-39

Special to the Gazette.

Magnolia, Dec. 16.—Standard's Nancy Johnson B-1, in the southeast of the southeast of Section 9-16-22, Buckner field, was swabbing late today after acidizing and along with three other Columbia wells, probably will be completed the first of next week.

The other imminent completions are Standard Oil Company of Louisiana's Petty Stave Co. No. 1, a wildcat in the southeast of the southeast of Section 4-17-21, one and a half miles northwest of Magnolia, which has cemented back from 7,991 to 7,956; Lion's R. S. Warnock No. 1, Section 15-18-22, Dorcheat field, on which production casing has been set at 9,007, and Hunt Oil Company's McWilliams No. 1, in the northwest northwest of Section 15-18-19, Atlanta field, which cored through a fine saturation and was bottomed at 8,238 feet.

Plug will be drilled on the Petty Stave No. 1 Monday. Bottom of the well is at 7,999, and casing was set to eight feet above bottom. A better showing was revealed above. The well was taken that deep to make a better study of formation, and the water level may have been reached, since a slight show of salt water appeared in the continued swabbing.

One Magnolia Well Completed.

The only completion in Magnolia field this week was Shell's D. H. Lewis No. 1, northeast northeast of Section 19-17-19, on the east edge of the field, which was completed Wednesday and gauged Thursday at 540 barrels in 12 hours through a 3-8-inch choke. Tubing pressure was 1,100 and casing pressure, 1,300. Depth is 7,609, to which production pipe was set after plug was drilled. The well was shot 228 times between 7,530 and 7,605. It is the 81st producer in Magnolia.

J. K. Mahoney et al's Emma Riley, a mile east of the McWilliams No. 1 in Section 14-18-19, Atlanta field, is below 7,600.

Magnolia field has one well near the coring level, Standard's Merritt B-1, northeast southeast of Section

16-17-20, which was below 7,250. Other wells in the same field and their status are: Arkansas Fuel Oil Company's King B-2, southeast northwest of Section 21-17-20, around 5,500; Hunt Oil Company's Booth No. 2, northeast southeast of Section 19-17-19, near 4,000; Phillips Petroleum Company's Joiner No. 2, southwest northeast Section 22-17-20, 4,400; Standard's Booth No. 2, southwest southeast of Section 24-17-20, rigged up and set surface casing; Vaughan-Longino's Jones Unit No. 1, northwest southwest of Section 22-17-20, spudded and set surface pipe; Standard's Longino B-1, northwest southeast of Section 19-17-19, has derrick up as a new location.

Two New Locations Made.

Two other new locations in the field are Normandie's King No. 1, northeast northeast of Section 20-17-20, only location in Section 20, and nearer Magnolia. It is a west offset to Arkansas Fuel Oil Company's King B-1, which was completed November 27 in northwest northwest of Section 21-17-20, west edge of the Jones extension area. The other location is Southwood's A. L. Poindexter-Mrs. J. P. Couch No. 1, on a long 40-acre tract, north half of the southwest southwest and the north half of the southeast southwest of Section 23-17-20.

A well causing anxiety is the second started in the Dorcheat field as an east offset to the field opener. This well is Lion's R. S. Warnock No. 1, northwest northwest of Section 15-18-22, which was at 9,010 feet, after having cored through the Smackover, with good show of distillate, but little oil saturation. It was preparing to core farther. It is deeper than the discovery well, Atlantic's Pinewood Lumber Company No. 1, and deepest in the state. Cement was hauled a few days ago and it was believed production casing would be set, but operators decided to go deeper. However, operators may bring in the well at a higher level, where show was more favorable.

Other drilling in that field includes the following: Shell's W. P. Keith No. 1, southeast southeast of Section 9-18-22, drilling near 8,300. Atlantic's Pinewood Lumber Company B-1, southeast northwest of Section 9-18-22, nearing 8,450; Superior Oil Company's Martel No. 1, southwest southwest of Section 10-18-22, near 7,200; Gulf Refining Company's Lewis No. 1, southwest southwest of Section 12-18-23, near 4,500. This last is considered a wildcat, since it is three miles northwest of production.

Standard Oil Company of Louisiana is near 6,600 in the Crone No. 4, southwest southeast of Section 8-16-22, on the east edge of the Buckner field. Total number of producers is 114 in the five fields in Columbia county.

Petty Stave Test Expected To Be Completed Today.

Special to the Gazette. 12-19-39

Magnolia, Dec. 18.—Standard Oil Company perforated the Petty Stave test from 7,985-7,987 feet with 30 shots today, and a test will be made tomorrow. Officials expect this test to open the sixth deep pool for Columbia county.

Lion's R. S. Warnock No. 1, in Section 15-18-22, Dorcheat field, is expected to drill plug tomorrow. It is the deepest well in the state. Casing was set at 9,007 feet and the well drilled to 9,020 feet.

Joe K. Mahony et al Emma Riley, in 14-18-19, is coring, and has topped the Smackover sand 23 feet higher than the discovery well in the Atlanta pool. Top of lime is 8,144 feet and top of porosity is 8,156.

Standard's Nancy Johnson B-1, in 9-16-22, is expected to drill plug tomorrow. Hunt Oil Company drilled plug in its McWilliams test in 15-18-10, Atlanta field and expects to complete the well tomorrow.

Fifth Well In Atlanta Field Completed

12-21-39

Special to the Gazette.

Magnolia, Dec. 20.—Atlanta field completed its fifth producer today, the Hunt Oil Co. McWilliams No. 1, in Section 15-18-19, north offset to Lion's Tissue No. 1. The well gauged eight barrels of oil an hour through a one-eighth-inch choke on tubing. Tubing pressure was 500 and casing pressure was 950. The well is bottomed at 8,238 feet.

A well more than a mile east of production in that field, the J. K. Mahony et al, Emma Riley No. 1, Section 14-18-19, in coring in good porosity and saturation at a depth of 8,227. It is said to have topped the Smackover sand 23 feet higher than the discovery well, Bene No. 1, in that field.

Warnock 1 Near Completion.

Lion Oil Refining Company is scheduled to perforate casing in the R. S. Warnock No. 1, Section 15-18-22, and complete the well tomorrow. This is the second well in the Dorcheat field, and is bottomed at 9,020 feet, with casing set almost to the bottom. This is deeper than the discovery well, Atlantic's Pine Wood Lumber Co. No. 1, and deepest in the state, Standard's Nancy Johnson B-1, Section 9-16-22, east extension in the Buckner field, was being washed in this afternoon but was not expected to flow until tomorrow.

Standard still is swabbing the Petty Stave No. 1, Section 4-17-21, a mile and a half northwest of Magnolia. Work is slow on this wildcat, but caution is expected to result in a good oil well.

Standard plans to start coring for pay in the Crone No. 4, Section 8-16-22, Buckner field, around 7,200 feet, tomorrow. The same company has set productive casing on 7,589 feet in the Merritt Unit B-1, in 16-17-20, northwest side of the Magnolia field.

Second Well In Dorcheat Field In

12-22-39

Special to the Gazette.

Magnolia, Dec. 21.—Lion's R. S. Warnock No. 1, northwest northwest of Section 15-18-22, an east offset to the discovery well in the Dorcheat field, began flowing into the pits today and will be turned into tanks and gauged tomorrow. It is the second well in that field, with several more near the pay.

The Merritt No. 1-B, in the northeast southeast of Section 16-17-20 will drill plug tomorrow, and Standard officials said they will have "a Christmas present for somebody."

Petty Stave Looms As Gas Well

12-24-39

Special to the Gazette. 12-24-39

Magnolia, Dec. 23.—The Magnolia area may have a genuine gas well in Standard's wildcat, the Petty Stave No. 1, southeast southeast of Section 4-17-21, officials said today. The well came in with high pressure today and showed little or no oil as it cleaned itself into pits. An unverified report later was that a small amount of oil and distillate was showing, but officials will have to test further and said it may not be two days before the final outcome of the present cemented depth will show. Pressure on tubing was 2,500 and on casing, 1,750.

The test is one and a half miles from Magnolia's northwest border and showed obstinacy as operators worked to make it an oil producer.

The company's Nancy Johnson B-1, southeast southeast of Section 6-16-22, Buckner field east extension, still was swabbing today, but Standard completed and gauged the 82d well in Magnolia field, the Merritt B-1, northeast southeast of Section 16-17-20. It flowed 168 barrels through a 16-64 inch choke during a six-hour test today, with casing pressure at 1,200 and tubing pressure at 1,240. This is a northwest edge well.

A squeeze job higher up on Lion's R. S. Warnock No. 1, northwest northwest of Section 15-18-22, Dorcheat field, has been made in preparation for another test seeking a more satisfactory result than that Thursday, when a small flow showed the well not commercially inclined. This is the second well in that deep field and was drilled to 9,020, deepest in the state.

Standard's Cone No. 4, southwest southeast of Section 8-16-22, Buckner field, was drilled and cored on to 7,254. Operators set production pipe this afternoon and the well has shown indications of a good producer.

Fifth Atlanta Well In.

The Atlanta field's fifth well was registered Wednesday when the Hunt Oil Company's McWilliams No. 1, northwest northwest of Section 15-18-19, Atlanta field, gauged eight barrels per hour through an eighth-inch choke

with tubing pressure 500 pounds and casing pressure 950. The well was bottomed at 8,238.

Two wells in the Dorcheat field are nearing interesting depths. Atlanta's Pinewood Lumber Co. B-1, southeast northwest of Section 16-18-33, has overcome trouble with stuck pipe and is drilling below 8,830. Shell Oil Co. is drilling below 8,500 feet in the J. P. Keith No. 1, southeast southeast of Section 9-18-22. This is a north offset to the field opener.

Of much interest was the coring in good saturation in the J. K. Mahoney et al's Emma Riley, No. 1, northwest northeast of Section 14-18-19, more than a mile east of production in Atlanta field. The well, bottomed at 8,240, has shown a higher structure than the field wells, and after a Schlumberger test the last of the week, casing was set.

Two other wells in Dorcheat field and their approximate depths are: Superior Oil Company's Martel No. 1, southwest southwest Section 10-18-22, drilling near 7,700 feet; Gulf Refining Co. is near 6,200 feet in its Lewis No. 1, southwest northeast of Section 12-18-23, more than three miles northwest of production in the Dorcheat field.

Other wells drilling in Magnolia field are: Standard's Booth No. 2, southwest southeast of Section 24-17-20, drilling below first string of surface casing; Arkansas Fuel Oil Co.'s King B-2, southeast northwest of Section 21-17-20, near 6,800 feet; Phillips Petroleum Company's J. A. Joiner No. 2, southwest northeast of Section 22-17-20, near 5,500; Hunt Oil Company's Booth No. 1, northeast southeast of Section 19-17-19, at 5,600; Vaughan-Longino Jones Unit, No. 1, northwest southwest of Section 22-17-20, near 8,800 Normandie Oil Corporation's King No. 1, northeast northeast of Section 20-17-20, only location in Section 20, on west toward Magnolia, drilling below second string of casing. Standard has derrick up and expects to begin coring on the Longino B-1, northwest southeast of Section 19-17-19.

Lion And Standard Get New Wells

12-26-39

Special to the Gazette.

Magnolia, Dec. 25.—The Columbia county wells that have been obstinate the past several days have turned with the advent of Christmas and are producing.

They are Lion's Warnock No. 1, northwest northwest of 15-18-22, Dorcheat field, and Standard's Petty Stave No. 1 southeast southeast of 4-17-21.

Lion's well, second in the Dorcheat field and deepest in the state, began flowing late last night and early today was making 12 barrels of high grade oil, 48 gravity, through a 13-64 inch choke, with gas pressure on tubing at 2,200 pounds and on the casing at 1,800. It was rising as the well cleaned itself into tanks, company officials said.

Distillate Producer.

Standard's Petty Stave No. 1, wildcat, a mile and a half northwest of Magnolia, which came in as a big gasser Saturday morning, has changed to a distillate producer, company officials said today. The well is flowing seven barrels an hour through a 7-32 inch choke. Gas pressure is 2,375 and casing 2,325. This is a decrease on tubing since Saturday and an increase on casing. It was cemented back and was shot 19 times between 7,985 and 7,987 feet and 80 times between 7,980 and 7,985. Total depth is 7,999 feet.

Standard Has New Well In Magnolia Area

12-27-39

Special to the Gazette.

Magnolia, Dec. 26.—Standard added another well to the Buckner extension area today and it is flowing into the tank. It gauged 150 barrels through a 38-64th inch choke, with gas-oil ratio of about 4,000,000 to 1, in four hours. Casing pressure was 190 and tubing about six pounds. Oil is 32 gravity.

It was pronounced "a pretty good little well" by officials. It is the Nancy Johnson B1, in section 9-16-22, and an east offset to the company's Nancy Johnson No. 1. It was acidized the second time for the present flow and had been on the "contrary list."

To Drill Plug Today.

The company plans to drill the plug on the Crone No. 4, in section 8-16-22 in the morning. This well is on east edge of the main field.

Plug will be drilled tomorrow or Thursday on the Joe Mahony et al. No. 1 in section 14-18-19, more than a mile east of the Atlanta field proper, where fine saturation has been drilled through a higher structure than was discovered in the main field producers.

Two New Locations.

Two new locations have been announced in the Atlanta field. One is an east offset to Emma Riley No. 1, where Mahony has a derrick up, in section 16-18-19, a west offset to the company's Clark No. 1, completed in November.

The third Dorcheat well, Atlantic's Pinewood Lumber Co. B-1, in section 16-18-22, has set production string of casing. The depth is 8,890 feet. It is expected to be completed this week.

Standard Adds 18th Buckner Well

12-29-39

Special to the Gazette.

Magnolia, Dec. 28.—Standard added the 18th well in the Buckner area today, the Crone No. 4, southwest section of 8-16-22. It began flowing this afternoon after having been acidized this morning. It is expected that it will be turned into the tanks and gauged tomorrow. The plug was drilled just after midnight. Production pipe was set to 7,241 feet.

The plug will be drilled by tomorrow morning on Atlantic's Pinewood Lumber B-1, southeast northwest of 16-18-22, Dorcheat field. Casing was

set to 8,888 feet. This is the third well tested in the deep Dorcheat field.

83d Magnolia Field Well Brought In

1-5-40

Special to the Gazette.

Magnolia, Jan. 4.—The Magnolia field added its 83d well, when the Arkansas Fuel Oil Company brought in the King No. 2, located in the southeast northwest of Section 21-17-20, today.

The test was perforated yesterday and began flowing into pits late today. Gauge probably will be made tomorrow. Total depth of the well is 7,678 feet. It is the south offset to Marine Oil Company's Jones No. 1 in the southwest portion of the field.

To Celebrate Magnolia Oil Anniversary

1-7-40

Special to the Gazette.

Magnolia, Jan. 6.—State and local political and industrial leaders will be invited to participate in the celebration of the second anniversary of the opening of the Magnolia oil field March 5.

Site of the celebration has not been determined, but the program may be held in the field if the weather permits. Gov. Carl E. Bailey will be invited to attend, and an oil executive of national reputation probably will be invited to deliver the principal address.

New Plant to Be Inspected.

The program jointly will celebrate the founding of the field, which now has 83 wells, and the establishment of the \$750,000 gasoline extraction plant in the middle of the field. The extraction plant will begin operations in February, but its formal open house probably will be deferred to coincide with the March 5 celebration.

The Magnolia Chamber of Commerce will sponsor the event. An oil queen probably will be selected to reign during the day. The state Oil and Gas Commission will co-operate in plans for the event.

The program will point out that the field has a reserve estimated at 200,000,000 barrels of crude oil and will continue as one of the nation's best fields. The progress of Magnolia as a result of the opening of six fields in Columbia county also will be cited.

King B-2 Has Salt Trouble.
The field's 83rd well, the Arkansas Fuel Oil Company's King B-2 in the southeast of the northwest of 21-17-20, has been cemented back to 7,656 feet to shut off a flow of salt water encountered Thursday night. The well was brought in Thursday afternoon at 7,677 feet. Casing first was set at 7,666 feet after 11 feet of pay had been cored. The well is on the extreme southwest edge of the Jones extension to the field and apparently on the edge of the formation.

Vaughn Longino's Jones No. 1, northwest southwest of 22-17-20, completed running production casing early Thursday and is expected to drill plug and be completed tomorrow. Depth is 7,652, with casing run to 7,606. It is located on the southwest edge of the main field.

Phillips' Petroleum Joiner No. 2, southwest northeast of 22-17-20, set production pipe Thursday night and will drill plug tomorrow and be completed Monday. It drilled on after porosity had been topped at 7,489. Depth is 7,840, with casing set at 7-727.

In the Dorcheat field, Shell Oil Company W. P. Keith No. 1 in the southeast southeast of 9-18-22, was washing in today after another drill stem test and was preparing to run another Schlumberger test. It will be two days, officials said, before production pipe is set and then 72 hours before perforating of casing. The well was drilled at 8,826. It would be the fourth producer in that deep field.

Superior Oil Company's Martel No. 1, southwest southwest of Section 10-18-22, is drilling and coring for pay below 7,775 and is expected to set casing soon. It is a northeast offset to the field opener. The other test drilling in that area is Gulf Refining Company's Lewis No. 1, more than three miles northwest of production, in the southwest northeast of Section 12-18-23, now drilling at 7,500, and reported showing a low structure. It is a wildcat.

The Atlanta field, in which two completions recently were registered, is spreading. Operations have been started at two new locations, and site has been cleared for another test. The new starts are Hunt Oil Company's McWilliams No. 2, northeast northeast of section 16-18-19, which has spudded in, and Joe K. Mahony's Emma Riley No. 2, northeast northeast of section 14-18-19, for which machinery was moved in this week. The Mahony well is an east offset to Mahony's Emma Riley No. 1, which showed on gauge Monday that it was one of the best wells in the county. The Emma Riley No. 2 is a mile east of the main field.

The site just cleared is for the Tidewater-Associated Seaboard's Warren Mack No. 1, southwest northeast of section 16-18-19.

Other Magnolia wells drilling are: Standard's Booth No. 2, southwest southeast of section 24-17-20, near 6-200; Hassie Hunt Oil Company's Booth No. 1, northeast southeast of section 19-17-19, about 7,100; Standard's Longino B-1, northwest, southeast of 19-17-19, rigged up; Normandie Oil Corporation's King No. 1, northeast northeast of section 20-17-20, about 6,300; Southwood's Poindexter-Couch No. 1, north half of southwest, southwest of section 23-17-20, has derrick up; Normandie's C. E. Crumpler No. 1, on a 30-acre tract in the south part of the southwest of the northeast of section 18-17-19, drilling below first string of surface pipe; Shell Oil Company's Lewis No. 2, southeast northeast of section 19-17-19, drilling below second string at 3,000.

83d Magnolia Field Well Completed

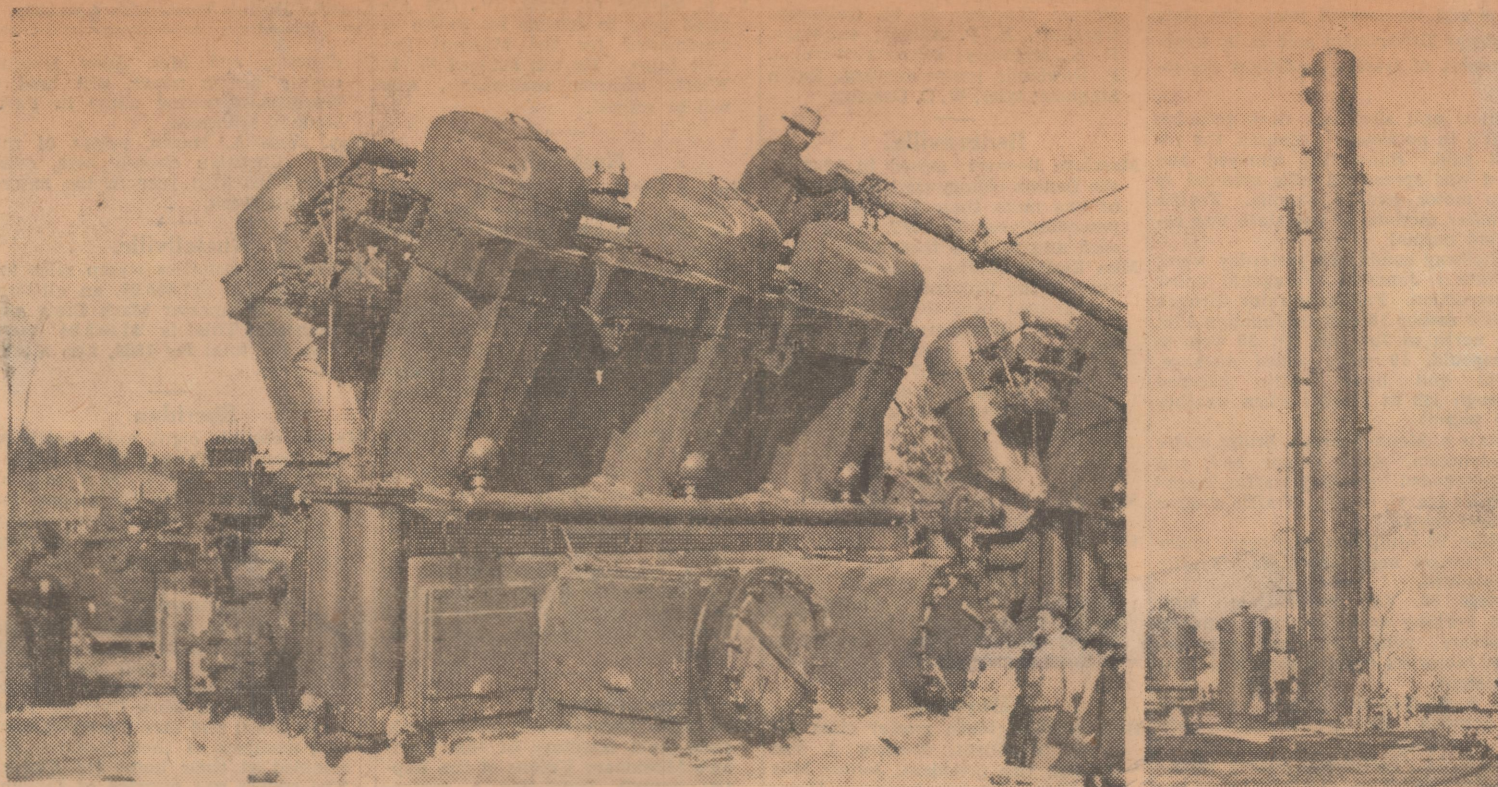
1-8-40

Special to the Gazette.

Magnolia, Jan. 7.—Vaughn-Longino's Jones Unit No. 1, northwest southeast of 22-17-20, started flowing at 10 a. m. today, after plug was drilled last night. It was turned into the tank this afternoon, and was pronounced a good producer. No gauge has been announced.

This well is the 83d in the field. The Arkansas Fuel Oil Company's King B-2, southeast northwest of 21-17-20, was scheduled as the 83d well, but a flow of salt water necessitated a 'squeeze' job. The Jones unit well was drilled to 7,652 and set casing to 7,606. It is on the southwest edge of the Magnolia field.

MAMMOTH COMPRESSOR AND ABSORBER



Above at left is pictured one of the five compressors, each weighing 60,000 pounds, which form a part of the equipment of the \$750,000 gasoline extraction plant and gathering system now nearing completion in the Magnolia field. An idea of the magnitude of the machinery is furnished by the workers, who are dwarfed by the 30 tons of steel. At the right is the 70-foot 70,000-pound absorber.

\$750,000 GASOLINE EXTRACTION PLANT NEARS COMPLETION

1-7-40

Special to the Gazette.

Magnolia, Jan. 6.—Construction will be completed soon of one of Arkansas' largest industrial plants, the \$750,000 gasoline extraction plant being erected by Shell Oil Company in approximately the middle of the nearby Magnolia oil field.

The huge investment, in which Atlantic, Standard, Grady Vaughan, Southwood and other oil interests are sharing, will enable the gas now being wasted by the 81 wells of the field to be converted into commercial use. The waste gas now feeds 81 flares, which burn brightly every night—at waste of \$10,000 daily. This figure is computed from the present value of the products into which the gas will be converted.

The plant will be located in the northeast of the northwest quarter of section 23-17-20, about four and a quarter miles south southeast of Magnolia.

As an adjunct to the plant proper, Latex Construction Company of Houston, Tex., is constructing a gathering system, which will deliver the gas from the various wells to the plant. The pipe system and plant, which together will cost \$750,000, were started October 1. Construction will be completed early in February, but the production of gasoline will be started before the work is completed.

Single Absorber Weighs 35 Tons.

Huge machinery is the feature of the manufacturing unit, with the buildings only incidental. Thomas R. Bacon, engineer draftsman for the Shell company, explained.

The most conspicuous part of the machinery on the ground is the absorber, which towers 70 feet and weighs 70,000 pounds. It was delivered on two flat cars and is said to be the largest single piece of manufacturing equipment ever brought to the county. Next in size and weight are the five compressors, each weighing 60,000 pounds, without two additional large pieces,

added to the front of each of these increasing the weight considerably. These have concrete foundations and sit in a row.

Other units of the plant will be two stabilizers, 50 feet high and weighing 50,000 pounds each, standing near the absorber, and two stills, 40 feet high, as condensers; six large cylinder tanks, set in foundations, and two large upright cylindrical reservoir tanks, engine room, boiler room, control house, treating houses. These are constructed of galvanized iron and structural steel.

The plant proper is enclosed by a high iron fence, surrounding a tract 500 by 500 feet. A guard stands at the entrance. A pretty home row just outside contains three modern, asbestos-framed cottages for the officials who will live on the grounds. These houses are modern, behind iron fences, and on leveled lawns. All grounds will be landscaped when construction is finished. The location is on an elevation, and the site already has assumed the appearance of a modern little city. Water will be supplied by two wells, each 550 feet deep; a disposal plant will furnish electricity and natural gas will be provided throughout the set. Additional offices and laboratories will occupy sites near the homes outside the enclosure.

100 Workers Employed On Two Projects.

There are approximately 50 men employed on the construction of the plant, and about the same number on the gathering system. Many others were on the payroll when the projects were begun but as the various jobs have been completed, the number of workers has been decreased.

Gasoline Production Complicated Job.

The manufacture of gasoline begins at the well, where a separator diverts the gas, which then is piped to the plant. It is measured before it leaves the well. After being delivered through the compressors, it enters the absorber and is mixed with the oil. The various cooking, distilling and vaporizing processes follow, before the various products—gasoline, dry gas, butane gas, etc.—are ready for market.

The plant will have a daily intake capacity of 13,000,000 cubic feet of gas, which will enable a daily output of 40,000 gallons of natural gasoline and 12,000 of butane gas. As this gas now is wasted, officials estimate a saving of approximately \$10,000 daily will be effected, as the daily gasoline plant production will have a value of \$8,000; the butane gas (at 10 cents a gallon) a value of \$1,200, and the dry gas an appreciable value for use as fuel at the plant and at the various wells.

Key men in the construction program are L. C. Becker, inspector for the Shell Oil Company for the gathering system; C. E. Haines, resident superintendent; Thomas R. Bacon, engineer draftsman; C. O. Johnson, construction superintendent, and R. C. Tucker, draftsman.

This plant is the second of its type built. The first was in west Texas and also was built by Shell.

New Magnolia Field Well Good For 800 Barrels Daily.

Special to the Gazette. 1-9-40

Magnolia, Jan. 8.—The Vaughn-Longino-Jones Unit No. 1, in 22-17-20, was gauged today at 410 barrels of oil over a period of 14 hours, with pressure on tubing at 1,200 pounds. The choke was 11-64 inch. The well started flowing yesterday. It is the eighty-third producer in the Magnolia field.

Magnolia Field's 84th Well Added

1-11-40

Special to the Gazette.

Magnolia, Jan. 10.—The Magnolia field registered its 84th well today when the Phillips Petroleum Company's J. A. Joiner No. 2, in the southwest of the northwest of Section 22-17-20, began flowing into pits.

The King No. 2, which was plugged back when it developed salt water last week, was washing today.

Shell's W. P. Keith No. 1, in the southeast of the southeast of Section 9-18-22, Dorcheat field, still is fishing for equipment lost during a Schlumberger test.

Superior Oil Company's Martel No. 1, southwest southwest of 10-18-22, Dorcheat field, has set production casing at 8,860 feet and operators expect to complete it this week.

Fourth Oil Well Completed In Dorcheat Field.

Special to the Gazette. 1-16-40

Magnolia, Jan. 15.—Dorcheat field completed its fourth producer today, the Superior Oil Co. C. W. Martel No. 1, in 10-18-22. The well was gauged at 14 barrels an hour through a 4-64-inch choke, with high gas pressure—about 8,000 to 1 ratio. Depth is 8,865 feet.

Magnolia Has Two New Completions

1-23-40

Special to the Gazette.

Magnolia, Jan. 22.—Two new wells were completed in the Magnolia field today and one in the Dorcheat field was drilling the plug. The new wells include Standard's D. R. Booth No. 2, in 24-17-20, which has been gauged as a gas well, with 2,500 pounds pressure on tubing and 2,550 on casing, a west offset to Normandie's Dees No. 2. It is shut in awaiting orders. The well is near the gas extracting plant. The other well is the Hunt Oil-J. W. Booth No. 1 in the extreme southeast edge of the field, in 19-17-19. It is flowing into pits.

Shell Drills Plug.
Shell Oil Co. is drilling plug in the W. P. Keith No. 1, 9-18-22, in the Dorcheat field. This will be the fifth Dorcheat field well, while the two new completions in the Magnolia field are the 87th and 88th.

The Normandie's King No. 1, in 20-17-20, which flowed Friday night into pits, has been gauged at 20 barrels an hour through a 10-16-inch choke with tubing pressure at 900 and casing pressure at 1,400.

Three New Locations.
Three new locations have been announced. One is Normandie's J. W. Booth No. 2, in 20-17-19, farther east in the Magnolia field than any other. Two locations have been announced in Atlanta field, by Tidewater Associated-Seaboard, the W. T. Beene No. 1, in 14-18-19, and the C. H. Murphy No. 1, 14-8-19, an offset of Mason's Emma Riley No. 1.

Three More Columbia Wells Added

Special to the Gazette. 1-28-40

Magnolia, Jan. 27.—Three wells were added in Columbia county this week, two in the Magnolia field and one in the Dorcheat area, while another, a wildcat three and a half miles northwest of Dorcheat production, was abandoned.

One gas and one oil well were added in the Magnolia field. The gasser was Standard's D. R. Booth No. 2, southwest southeast of 24-17-20, which produced gas when brought in Monday. When it produced 150 barrels of distillate in 24 hours Wednesday and Thursday, operators shut it in and announced they will run a short string of casing in an attempt to convert it into a good oil well.

The proved distillate well was Hunt Oil Company's J. W. Booth No. 1, northeast southeast of section

19-18-19, which came in Tuesday and flowed 14 barrels per hour through a 7-32-inch choke, with pressure of 1,350 on casing and tubing.

After several days of running Schlumberger and drill stem tests, Shell's W. P. Keith No. 1, southeast southeast of 9-18-22, was completed Thursday as the deep Dorcheat field's fifth producer. It flowed 57 barrels of oil in 12 hours through eighth-inch choke, with pressure of 2,700 on casing and 2,600 on tubing. It was drilled to 8,870.

Record Deep Test Abandoned.
The wildcat abandoned was Gulf's George Lewis No. 1, three and a half miles northwest of Dorcheat production, which was capped Thursday after showing salt water but no oil in the various strata penetrated. It

was carried to 9,045, the deepest test ever drilled in the state.

Two other wells have started operations in the Magnolia field, one on the extreme east side, and the other on the northwest edge. The east well is Hunt Oil Company's J. W. Booth No. 2, northwest southwest of section 20-17-19, the only one in Section 20 on the east side, making it farther east than any other well in the field.

The northwest edge well is the Oliphant Oil Company's Rowe Fee No. 1, on a 30-acre tract in the southwest southwest of 16-17-20. This is on land formerly owned by John Heath, and sold to Aubrey Rowe, Heath maintaining the mineral rights on the land. Mr. Heath owned the mineral rights on 37 acres there and recently sold the mineral rights for several thousand dollars. This well has rigged up.

Other Magnolia field wells are drilling as follows: Shell Oil Company's D. H. Lewis No. 2 southeast northeast of section 19-17-19, coring between 7,400 to 7,500. This is expected to be the next completion in the field. Normandie Oil Corporation is near 6,600 in C. E. Crumpler No. 1, south 30 acres of the southwest southeast of section 23-17-20, is around 5,600; the same company is below 5,750 in A. L. Poindexter A-1, southeast southeast of section 23-17-20; Standard is at about 5,500 in L. A. Longino B-1, northwest southeast of section 19-17-19.

Drilling is expected to be halted in the Dorcheat field for the remainder of the winter, because of the low lands, where water stands most of the wet season in some places. No drilling is being done at present in the Village and Buckner fields.

Atlanta Field Active.

The Atlanta field has several tests under way and several others are expected to be started in February. A dozen locations tentatively have been announced in that southeast area, about 12 miles from Magnolia. The wells drilling are: Tidewater Associated Seaboard Oil Company's Warren Mack No. 1, southwest northeast of section 16-18-19, which is drilling at 2,300; Hunt Oil Company's McWilliams No. 2, northeast northeast of section 16-18-19, now near

6,200; J. K. Mehony's Emma Riley No. 2, northeast northeast of section 14-18-19, east offset to the Emma Riley No. 1, an east extension of a mile to the field proper. The other two wells drilling are on the west and northwest edge of the field, where there are six producers, including one outpost. Roads are being built to two other Tidewater-Seaboard locations in the outpost area, one south and one west of the Emma Riley No. 1.

No New Well In Columbia During Week

2-3-40

Special to the Gazette.

Magnolia, Feb. 3.—For the first time in many months no completions were recorded in Columbia county oil fields this week. Considerable drilling is under way, however, and several new tests were started.

Operators of Shell's Lewis No. 2, southeast northeast of section 19-17-10, have run production casing below 7,625. Another looming oil producer is Standard's Booth No. 2, southwest southeast of 24-17-20, which came in last week as a gas well and now is being tested for oil, following a good flow of distillate. A small string of casing has been set below the producing level to 7,585. A third well coring is Normandie's Crumpler No. 1, located on a 30-acre tract in the

southwest, southeast of section 18-17-19. It is at approximately 7,500 feet. This well is on the northeast edge of the field.

Several New Wells Begun.
New beginnings in the same area are: Oliphant Oil Company's Rowe Fee No. 1, on a 30-acre tract in the south of the southwest of section 16-17-20, which has begun drilling; Hunt Oil Company has set surface pipe at Booth No. 2, northwest southwest of section 20-17-19, east side of the field; Standard's A. W. Gunnels No. 1, southwest northwest of section 20-17-19, east edge of the field; Grady Vaughan's Longino No. 1, north half of northeast, southeast, section 21-17-20.

Standard is drilling at 6,550 feet in the L. A. Longino B-1, northwest southeast of section 19-17-19, another east edge well. Southwood is down nearly to 6,500 in the Poindexter-Coch No. 1, section 23-17-20, and is drilling at approximately 7,000 feet in its Poindexter A-1, same section.

Joe K. Mahony et al's Emma Riley No. 2, northeast northeast of section 14-18-19, Atlanta extension area, is at 6,150. Tidewater Associated Seaboard Oil Company is below 4,500 in the Warren Mack No. 1, southwest, northeast of section 16-18-19, same field, and Hunt Oil Company's McWilliams No. 2, northeast northeast section 16-18-19, is near 7,000. These two wells are on the northwest and the west edges of the Atlanta field proper. Two other wells, west and south offsets respectively to the Emma Riley No. 1, northwest northeast of 14-18-19, are expected to start operations soon.

A new location in the Dorcheat field, where five wells are producing, has inspired new interest there. The well is McAlister Fuel Oil Company's Sayers No. 1, section 15-18-22. It is an east offset to Lion's Warnock No. 1.

Highway to New Plant Planned.
Plans have been started to complete a good road from Highway 82 to the site of the new Shell gasoline extraction plant, whose opening will be celebrated March 5. The road, more than a mile in length, will be graveled and possibly oiled or blacktopped. It is expected that it will be completed by the oil jubilee date.

Magnolia Area Has 89th Well

Special to the Gazette.

Magnolia, Feb. 5.—One well in Magnolia field was changed from a gas well to an oil producer and a new well was brought in today.

Standard's Booth No. 2, in section 24-17-20, south part of the field which was completed January 21 as a gas well and which later produced distillate, was completed today as an oil producer. A short string of pipe was run below the production level and was shot 58 times between 7,56 and 7,575 feet yesterday. It flowed

into pits soon after being perforated and was turned into tanks last night. Late today, after being closed in, it was making 10 barrels an hour through a 9-64 inch choke.

Shell's Lewis No. 2 in 19-17-19, an southeast section 32-17-20, on the east edge well, was flowing into pits after starting to flow at 3:30 p. m. A well is expected to spur drilling in that gauge is expected early tomorrow. The depth is 7,622 feet. Casing was set at the bottom. It had a total of 228 shots. This is the eighty-ninth producer in the field.

New Well in Magnolia Field Proves Good Producer.

Special to the Gazette.

Magnolia, Feb. 6.—A gauge on Shell's Lewis No. 2, in Section 19-17-19, which flowed into pits yesterday afternoon, showed 290 barrels over a period of eight hours through a quarter-inch choke with casing pressure at 1,325 and tubing at 1,150.

Eighteen locations have been announced for the Atlanta field. Contracts for 10 have been let to Grady Vaughan as driller by Tidewater Associated Seaboard Oil Company. Locations will be in Sections 14, 15, 10 and 11.

Magnolia Field Has 90th Well

2-10-40

Special to the Gazette.

Magnolia, Feb. 9.—Normandie's C. E. Crumpler No. 1 well in the southwest of the southeast of Section 18-17-19, Magnolia field, flowed into pits about 10 a. m. today, and was turned into the tanks this afternoon with a test on gas pressure showing 1,000 pounds on casing and 1,200 on tubing. The oil flow will be gauged in the morning.

A company official said it is the best producer in the field. It is bottomed at 7,521 feet with casing set to 7,508, top of saturation. It is the 90th producer in the Magnolia field.

Showing such high structure on the northeast edge of the field, with good production, the new well had added confidence in the edge formation.

The location was announced first as the center of the 40-acre unit, but was drilled in the center of a 30-acre unit of the south part of the tract.

Standard To Buy Dorcheat Field Oil

2-13-40

Gazette

Shreveport, La., Feb. 12 (P).—Standard Oil of Louisiana today entered the Dorcheat Field of Columbia county, Arkansas, as a purchaser. It posted a \$1 flat price for sour distillate, plus five cents per barrel for delivery at Magnolia. The crude will be trucked to Magnolia.

The five producers in the area had been closed in since February 1, when Lion Oil Refining Company of El Dorado, Ark., stopped taking their production.

Standard announced withdrawal of its posting for crude in the Evangeline Field of south Louisiana.

Magnolia Field Oil Well Added

2-14-40

Special to the Gazette.

Magnolia, Feb. 13.—Southwood's Poindexter A-1 began flowing into the pits this morning after having been perforated with 50 shots between 7,626-41 feet yesterday. The well had not cleaned itself of wash water late today, but operators believe it will be a good producer. Casing pressure is 1,300 pounds and tubing pressure, 1,200.

Located in the southeast of the south edge of the Magnolia pool, the area. Porosity was topped at 7,574.

New Magnolia Well Flows 26 Barrels Per Hour.

Special to the Gazette.

Magnolia, Feb. 14.—The 91st oil well in the Magnolia field, Southwood's Poindexter A-1, southeast southeast of 23-17-20, which began flowing yesterday, was gauged at 26 barrels per hour through a 1-64-inch choke today. Pressure on casing was 1,200 pounds. Casing was set to three feet above the bottom, 7,644 feet. Porosity was topped at 7,574. This is on the south edge of the field. Several others are due in soon in the same field.

92d Magnolia Well a Good Producer

2-16-40

Special to the Gazette.

Magnolia, Feb. 15.—Magnolia field added its 92d oil producer today when

Standard's L. A. Longino B-1, northwest southeast of Section 19-17-19, came in as another good producer. Oil flowed into pits this morning and by afternoon the well had cleaned itself and oil was turned into a tank.

The first hour it gauged 31 barrels an hour through a quarter-inch choke, and the second hour it flowed 25 barrels an hour. Its fall was due to a small obstruction in the choke.

The oil-gas ratio is 700-to-1, depth is 7,601, and top of porosity, 7,560. It is on the east side of the field. Gas pressure on casing was 1,000 and on tubing was 900.

Operators of another well expect to drill plug tomorrow. It is Southwood's Couch No. 1, north half of the south half of the southwest of Section 23-17-20, first announced as the Poindexter Couch No. 1, on the south edge of the field on a long 40-acre unit.

Three More Magnolia Wells Added

2-18-40

Special to the Gazette.

Magnolia, Feb. 17.—Three wells were completed in the Magnolia field this week.

The first was Southwood's Poindexter A-1, southeast southeast of Section 23-17-20, on the south edge of the

Magnolia field, which was completed Wednesday with a gauge of 26 barrels per hour through a quarter-inch choke, with casing pressure of 1,200 pounds. Its depth is 7,644. Top of porosity was at 7,574. It was the 91st producer in the field.

The 92nd well was completed Thursday as Standard's Longino B-1, northwest southeast of Section 19-17-19, in the southeast part of the same field. It gauged 31 barrels the first hour and 25 the second hour late Thursday through a quarter-inch choke, with casing pressure at 1,000 and tubing pressure at 900 pounds. Depth is 7,601. Porosity was reached at 7,560.

A third well, completed yesterday, was Southwood's Couch No. 1, north half of the south half of the southwest of Section 23-17-20, south edge of the field. It is located on a long 40-acre tract. Its depth is 7,643. Porosity was topped at 7,566.

Five Others Drilling.
There are five others drilling in the same field and one location waiting. Location for one other well, the 100th is expected to be announced soon, before the oil jubilee March 5.

The five wells drilling and their approximate depths are: Vaughn-Longino's Jones D-1, in the north 30 acres of northeast southeast of Section 21-17-20, near 6,300; Oliphant's Rowe Fee, south 30 acres of southwest southwest of Section 16-17-20, near 5,700; Hunt Oil Company's Booth No. 2, northwest southwest of 20-17-19, near 5,000; Standard's A. W. Gunnels No. 1, southwest northwest of Section 20-17-19, below second string of surface casing, 3,000 feet; Atlantic Refining Company's T. J. Gunnels, southwest southwest of Section 19-17-19, which started drilling the latter part of this week. The location waiting is Mid-Continent's Foster No. 2, southeast southwest of Section 24-17-20.

McAlister Fuel Oil Company's Sayers Unit No. 1 was started early this week in the northeast of the northwest of Section 15-18-22, but it twisted off a drill stem at 60 feet and since has been delayed while fishing. This is the only well drilling in that deep field.

Atlanta Test Spudded In.
Progress was made toward drilling three of the 10 new tests which Tidewater Associated Seaboard plans in the Atlanta field, already the most active in the county. The company's J. T. Beene No. 2, northwest northwest of Section 15-18-19, spudded in and set surface casing to 132 feet. This is a north offset to the field opener, the J. T. Beene No. 1.

Two other of the same company's tests are awaiting completion of a road to them. They are the W. T. Beene No. 1, east extension, northeast northwest of Section 14-18-19, a west offset to the extension opener, the Mahoney's Emma Riley No. 1, and the C. H. Murphy Land Company No. 1, a south offset to the extension opener.

The three wells drilling in that area are going down satisfactorily. Tidewater Associated Seaboard's Warren Mack No. 1, southwest northeast of Section 16-18-19, is near 6,850; Hunt

Oil Company's McWilliams No. 2, northeast northeast of Section 16-18-19, was at 8,085 feet when drill pipe hung, which has delayed operations just above where pay was expected. These two wells are in the main field. J. K. Mahony's Emma Riley No. 2, northeast northeast of Section 14-18-19, east offset to the extension discovery well, is near 7,000 feet.

Two Columbia County Wells Expected In

2-25-40

Special to the Gazette.

Magnolia, Feb. 24.—No completions were listed this week in Columbia county, but two wells have set production casing and are expected in over the week end.

The first to be brought in, barring a delay will be Hunt Oil Company's H. A. McWilliams No. 2, northeast northeast of section 16-18-19, Atlanta field, which set casing to 8,250 the middle of week. The other is Grady Vaughan-Longino's Jones D-1, north 30 acres in northeast, southeast of section 21-17-20, Magnolia field, in the Jones extension, which ran production casing Thursday. Depth is 7,634. This would be the 94th in the field.

Next in importance was the announcement that a wildcat will be started soon southeast of Village, southwest of section 24-17-19, a southwest offset to a dry hole, abandoned a few months ago by Tidewater, known as Crumpler No. 1. The new location is the James M. Forgotson's L. M. Dendy No. 1.

Magnolia field wells drilling are: Oliphant's Rowe Fee No. 1, southwest southwest of section 16-17-20, near 6,700; Hunt Oil Company's J. W. Booth No. 2, northwest southwest of 20-17-19, 6,600; Standard's A. W. Gunnels No. 1, southwest northwest of section 20-17-19, around 5,650; Atlantic's T. J. Gunnels No. 1 southwest southwest of section 19-17-19, drilling under second string of surface casing; Mid-Continent's R. S. Foster No. 2, southeast southwest of 24-17-20, moving in. Shell Oil Company has announced a new location, Peoples Bank of Columbia No. 2, southwest southwest of section 24-17-20, a south offset to the company's Foster No. 1, completed several months ago.

The only Dorcheat field drilling is McAlister Fuel Oil Company's Sayers Unit No. 1, northwest northwest of section 15-18-22, is below 4,150.

Atlanta Still in Limelight.
The Atlanta field is still in the limelight with four wells drilling and two others preparing to start when roads permit workers to reach the locations.

The Atlanta wells drilling and their approximate depths are: Tidewater Associated Seaboard's Warren Mack No. 1, southwest northeast of section 16-18-19, near 7,500; J. K. Mahoney's Emma Riley No. 2, northeast northeast of section 14-18-19, below 7,600; Tidewater Associated Seaboard's J. T. Beene No. 2, northeast northwest of section 15-18-19, around 3,600. Standard's Sturges No. 1, northwest southwest of section 1-17-27, in Miller county, has built derrick and is moving in.

At the monthly meeting of the Oil and Gas Commission Wednesday allowances were set for the state, totaling 70,000 barrels per day, with few changes, except for the increase in some fields. The Village field allowable was reduced from 200 to 175 barrels per well. The daily March-April allowances for each field daily are: Atlanta, 900; Buckner, 2,679; Dorcheat, 1,500; Magnolia, 18,500.

94th Well In Magnolia Field Added

2-27-40

Special to the Gazette.

Magnolia, Feb. 27.—The Magnolia field added its 94th producer today when Vaughn-Longino's Jones D-1, on the north 30 acres of the northeast of the southeast of section 21-17-20 began flowing.

It was cleaning itself in pits late today. Depth is 7,634 feet. It is in the Jones extension area.

New Gasoline Plant Begins Operations

2-28-40

Special to the Gazette.

Magnolia, Feb. 27.—The Shell gasoline extraction plant in the Magnolia

field has begun manufacturing gasoline while testing the machinery and probably will be in full operation by Friday.

The plant is using 10,000,000 cubic feet of gas daily, divided proportionately among the oil concerns which shared in the cost of building the plant. The product of the plant will be sent to large refineries somewhere in the Southwest to make it marketable. It vaporizes readily in the form in which it leaves the plant here. The company is seeking a market for various by-products of the plant.

The plant will be inspected during the oil jubilee here next Tuesday.

95th Magnolia Field Well Due In

3-3-40

Special to the Gazette.

Magnolia, March 2.—The Magnolia field's well total climbed to 94 this week, and another scheduled to have been completed by this time is expected in momentarily, following acid treatment.

Vaughn-Longino's Joel Jones D-1, on the north 30 acres of the northeast of the southeast of Section 21-17-20, on the southwest edge of the field, failed to flow when first tested Tuesday and failed to respond to rocking with oil and gas. It began flowing yesterday after swabbing. Its depth is 7,634.

The Hunt Oil Company's McWilliams No. 2, northeast northeast of Section 16-18-19, became the first Atlanta well to be acidized Wednesday. Not as much acid was used as was used on several wells in the Buckner field. It is bottomed at 8,250 feet and is a west offset to the company's McWilliams No. 1 in the main field.

Fee No. 1 Ready for Completion.
Production casing has been set at Oliphant's Rowe Fee No. 1, on the south 30 acres of the southwest southwest of Section 16-17-20, which is bottomed at 7,678. This is on the northwest edge of the field and is the one planned for completion during the oil jubilee Tuesday, provided conditions are favorable.

Other Magnolia field wells and their approximate depths are: Placid Oil Company's Booth No. 2, northwest southwest of Section 20-17-19, east edge of the field, has set casing after topping the Buckner formation at 7,421, and porosity at 7,510; Standard's A. W. Gunnels No. 1, southwest northwest of Section 20-17-19, another east border well, is near 7,100; Mid-Continent's R. S. Foster No. 2, southeast southwest of Section 24-17-20, south edge of the field has set surface pipe, after spudding the middle of the week.

Shell Oil Company's People's Bank of Columbia No. 2, southwest southwest of Section 24-17-20, is expected to start soon, as is Normandie's D. R. Booth No. 1, in the north half of the northeast of the northwest and the north half of the northeast northeast of Section 25-17-20, on a long 40-acre unit, and the first in Section 25, making it farther south than any other location in the field. It has completed derrick.

Wildcat Derrick Moved In.
The wildcat L. M. Dendy No. 1, by Forgotson, which will be sunk by the Ray Drilling Company in the southwest southwest of Section 24-17-19, about two miles southeast of Village, is moving in material and expects to begin drilling by March 10.

Other Atlanta wells are: Tidewater Associated Seaboard's Warren Mack No. 1, southwest northeast of Section 16-18-19, near 7,900; the company's J. T. Beene No. 2, northeast northwest of Section 15-18-19, near 6,175; J. K. Mahoney's Emma Riley No. 2, northeast northeast of Section 14-18-19, an east extension and east offset to the Riley No. 1, is near 8,250 in the pay level. This well plans to explore 1,000 feet below production in that field.

The only operation in Dorcheat field, McAlister Fuel Oil Company's Sayers Unit No. 1, northwest northwest of Section 15-18-22, is at 5,300.

MAGNOLIA PAYS OIL A TRIBUTE IN COLORFUL FETE

3-6-40

Celebration Marks Anniversary.

By WILLIAM A. WILSON

(State News Editor of the Gazette.)

Magnolia, March 5.—Practically all of Columbia county, much of south Arkansas, delegations from various other sections of the state and visitors from other states, paid tribute to King Oil—for oil is king in this bustling metropolis now—at an all-day and most of the night celebration here today. It was the second anniversary of the discovery of oil in the Magnolia field. There are five other oil fields in Columbia county.

Among the notables here were Gov. Carl E. Bailey, Col. T. H. Barton, president of Arkansas's largest oil industry; Harvey C. Couch, utilities and railroad executive; Harold B. Fell of Ardmore, Okla., executive vice president of the Independent Petroleum Association of America, and several members of the Arkansas Oil and Gas Commission.

They Prefer Brunettes Down Magnolia Way.

Then there was the Queen of Petroleum, a brunette beauty from the neighboring village of Walkersville, with her maids. Everyone of the maids was a brunette—nary a blonde among them. The queen was Miss Ferol Dumas, a junior in Magnolia A. and M. College. Queen Petroleum and her entourage occupied a beautifully decorated float in the parade, which opened the day's festivities. The float bore a miniature oil derrick.

Parade Two Miles Long It Set to Music.

Heading the parade, estimated to have been two miles long, was the Magnolia A. and M. band, followed by the college's National Guard unit. The kid soldiers marched with a precision which reminded your correspondent of old Camp Pike days.

Magnolia, Camden and El Dorado High School bands marched and played lively tunes. Most of the rolling stock consisted of trucks with various and sundry items used in the oil fields. Among the comics was an automobile which must have been resurrected from a junk pile—it was modeled long before oil was discovered in Arkansas 20 years ago.

Governor Cheered as He Advocates States Rights.

There was a speaking program on the public square, with a platform Ray Drilling Company in the southwest southwest of Section 24-17-19, must have been 100 feet high. Governor Bailey found his audience of several thousand persons attentive as he repeated part of a previous address in which he denounced the proposed Cole measure pending in Congress which provides for federal control of oil production.

The people in the oil country of this area, at least, are opposed to the bill. At least one would judge so from the thunderous applause they gave the governor. Mr. Fell also received resounding applause when he also attacked the bill a moment after the governor spoke.

Colonel Barton, on the platform, led the cheering, and often said "amen" as the speakers denounced the Cole bill.

Governor Bailey, in opening his address (he spoke about 15 minutes) recalled that 75 years ago there was no oil, except castor oil and similar products, while now, with the so-called liquid gold being obtained from at least 20 states, "a dictatorship in Washington is trying to control the industry." He said that the oil should be produced and marketed in such a manner that the producer can get the biggest profit. The federal government should permit the states to handle oil as they see best, Governor Bailey said. The Cole bill would create a "government monopoly" he declared.

Oil Executive Praises Governor Bailey's Leadership.

Mr. Fell, who was in Washington when Governor Bailey appeared before a congressional committee, which heard arguments on the Cole measure, said that governors of eight states "pushed Governor Bailey ahead of the list" to permit him to express his views, which were the views of all the chief executives.

"The state of Arkansas has the best oil conservation law in the nation," Mr. Fell said, "and it is being administered in a most efficient manner."

He added that the governor had appointed a Conservation Commission which had "integrity and ability."

The Magnolia field, one of 287 brought in in the United States last year, is a model field, Mr. Fell declared. He gave credit for this to the commission, which has jurisdiction over drilling methods, spacing, etc. He declared that "the whole nation has its eyes on this oil field."

Photographers Record Crowning of the Queen.

The crowning of Queen Petroleum by Governor Bailey required only a moment, but the act was repeated a dozen times while photographers snapped pictures from various angles. There were still and movie cameras at work, and at least one sound machine. The half-dozen maids posed before the camera on their float. One look at the queen and maids would convince the most skeptical that Columbia county produces beautiful girls as well as valuable oil.

Maids were: Marie Sumner McNeil;

Joy Wingfield, Emerson; Juanita Lewis, Atlanta; Laverne Souter, Taylor; Margaret Roper, Magnolia; Betty Lou Fincher, Waldo, and Dorothy Woolley, Village.

Cameramen Have Field Day As Well Comes In.

Several hundred persons went out to the Oliphant Rowe No. 1 well, about three miles east of Magnolia, to witness the bringing in of the producer.

Queen Petroleum did the trick. She turned a gate on the Christmas tree (speaking in the oil field vernacular) and the stuff came gushing forth. It flowed into a pit for a few moments, then one of the drillers lighted a torch and tossed it into the oil and there was a huge blaze reaching about 150 feet high. The flow had been cut off in the meantime, and after the fire subsided, the oil was run into another pit. The oil that first came from the well contained a large percentage of impurities, mud, etc.

Before, during and after the turning of the gate the cameramen were busy "shooting" the queen. There was a staff photographer from a national magazine here who must have taken a hundred pictures.

The governor and the "head driller" posed with the queen.

Luncheon Is One Feature Of Magnolia Hospitality.

There was another feature on the program which made a hit—a luncheon at the high school gymnasium. Plates were laid for 400, and every one was taken.

Glenn Martel, secretary of the Magnolia Chamber of Commerce, was toastmaster. He introduced 25 or 30 officials of oil concerns which are interested in the Columbia county fields.

There also were several musical numbers. One singing outfit was introduced as "The Jailhouse Quartet" and among its members was the sheriff, who can sing, as well as run down crooks.

A new industry just completed in the heart of the oil field is the Shell Oil Company's natural gasoline extraction plant, said to have cost \$750,000. It held open house today and several hundred persons visited the plant.

To entertain visitors and others who did not care to witness the bringing in of the well or visit the Shell plant, the bands gave a concert during the afternoon.

Tonight's program opened with a boxing card, in which a dozen Oklahoma youngsters took part. Some of them were Golden Gloves winners. This was followed by a street dance. The streets around the court square were roped off.

The well which the queen brought in this afternoon was lighted up tonight, and could be seen for miles. A trip over a highway traversing the Magnolia field revealed a dozen or more wells at which huge torches were burning. Some of the derricks also were lighted up. Usually a certain amount of gas escapes from an oil well, and to prevent the fumes from endangering the nearby area, a waste line is run from the well and a torch applied to the gas, it was explained.

New Wells in Magnolia Field Prove Good Producers.

Special to the Gazette. 3-7-40
Magnolia, March 6.—The 95th well in the Magnolia field, Placid's Booth No. 2, completed Monday in the northwest of the southwest of section 20-17-19, has been gauged at 15 barrels per hour through a quarter-inch choke, with casing pressure of 2,500 and tubing pressure 2,100 pounds. Depths is 7,585. Pipe was set to 7,565. It is on the field's east edge.

The 96th and last producer for the field, Oliphant's Rowe No. 1, the jubilee well, completed officially before a large crowd yesterday in the south 30 acres of the southwest southwest of 16-17-20, was gauged today at 28 barrels per hour through a quarter-inch choke. Casing pressure was 1,100; tubing pressure, 1,050. Depth is 7,662. It is a northwest edge well and its big production encourage extension on that edge.

The next well expected in is the Emma Riley No. 2, drilled by J. K. Mahoney et al, in the Atlanta field, northeast southeast of section 14-18-19, which has set casing at 8,217, in a fine show.

Completion of Hunt Oil Company's McWilliams No. 2, a trouble-maker the past several days, also is imminent. It had been drilled 18 inches deeper and was being swabbed today. Mr. Mahoney reported he would go 1,000 feet deeper than pay to survey the structure, but a good saturation at the present depth, 8,220, encouraged the drillers to stop and make a producer there.

Three Wells Completed In Columbia 3-10-40

Special to the Gazette.

Magnolia, March 9.—J. K. Mahoney's Emma Riley No. 2, northeast northeast of section 14-18-19, Atlanta field east extension, began flowing before noon and was flowing into pit at 4 p. m. It was said to be a good producer but no gauge is expected until tomorrow. Depth is 8,220. Casing was set at 8,217. This is the seventh producer in the Atlanta field and the second in the east extension, a mile from the main field.

The well was the third completion of the week. Hundreds of oil jubilee spectators witnessed the completion of the Oliphant Oil Company's Rowe No. 1 in section 16-17-20 on the north edge of the field Tuesday. The other was Placid (Hunt) Oil Company's Booth No. 2, northwest southwest of section 20-17-19, which was completed Monday and gauged Wednesday at 15 barrels per hour through a quarter-inch choke, with 2,500 pounds pressure on casing and 2,100 on tubing. Depth of this 95th well is 7,685 with casing set at 7,565.

The 96th well was Oliphant Oil Company's Rowe No. 1, south 30 acres in southwest southwest of section 16-17-20, the jubilee well, which officially was completed Tuesday, and gauged Wednesday at 28 barrels per hour through a quarter-inch choke. Pressure on casing was 1,100 pounds and on tubing 1,050. Depth is 7,662.

Gunnels Well Due in Next.

Expected in as the 97th completion is Standard's A. W. Gunnels No. 1, southwest northwest of section 20-17-19, which is drilling in the Smackover lime after having topped this formation at 7,445. It is on the field's east edge.

Other wells in the same field drilling are: Atlantic's T. J. Gunnels No. 1, southwest southwest of section 19-17-19, which is nearing 6,960; Mid-Continent's Foster No. 2, southeast southwest of section 24-17-20, on the south border, which is drilling below 4,600; Shell's Peoples Bank of Columbia No. 2, southwest southwest of section 24-17-20, also on south side, drilling below first string; Normandie's Booth No. 1, now at 2,000 feet in the north half of northeast northwest and the north half of northwest northeast of section 25-17-20, farther south than any other well in the field, and the only one in section 25.

An Atlanta field well now overdue is Hunt's McWilliams No. 2, which has failed to flow the past week. It has been treated with oil and gas and then with acid, and drilled 18 inches deeper without results. This well is northeast northeast of section 16-18-19, a west offset to the company's McWilliams No. 1, and has shown a deeper structure than other wells around it. It is bottomed at 8,250. Tubing was pulled for re-running.

In the same field Tidewater Seaboard's Warren Mack No. 1, southwest northeast of section 16-18-19, was fishing for lost equipment. It is bottomed at 7,931. It is a west offset to the company's Clark No. 1. The same company is drilling below 7,000 in J. T. Beene No. 2, northwest of section 15-18-19, a north offset to the field's discovery well. The W. T. Beene No. 1, west side of the east extension, is building derrick and the Talley No. 1, of the same company, which will be drilled by Grady Vaughan, who has contract for 10 of these Tidewater wells, has begun erection of derrick. The Murphy Larc Company No. 1, a south edge location in the extension area, is waiting on roads and bridge to it.

McAlister Fuel Oil Company's Sayers Unit No. 1, northwest northwest of section 15-18-22, only well drilling in Dorcheat field, was fishing at 5,985.

W. C. Ray Drilling Company was rigging up on L. M. Dendy No. 1, southwest southwest of section 24-17-19, a wildcat two miles southeast of Village.

New Well in Atlanta Field Makes 12 Barrels an Hour. 3-12-40

Special to the Gazette.

Magnolia, March 11.—The new well in the east extension of the Atlanta field which began flowing Saturday, the J. K. Mahoney Emma Riley No. 2, in Section 14-18-19, has been gauged at an average of 11 5-8 barrels an hour over a period of 24 hours through a 3-16 inch choke with gas pressure on casing at 1,750 and on tubing at 1,675.

The flow still was six per cent wash water, the well not having cleaned itself. Depth of the well is 8,220 feet.

This is the seventh producer in the Atlanta area and the second for the extension.

97th Well In Magnolia Field In 3-15-40

Special to the Gazette.

Magnolia, March 14.—The Magnolia field's 97th producer came in this afternoon and is cleaning itself into pit.

It is Standard's A. W. Gunnels No. 1, southwest northwest of Section 20-17-19, the extreme east edge of the field. Total depth is 7,589 feet, with casing set to 7,566.

Standard has announced it will drill the A. W. Gunnels B-1, north of the 97th well, and will slide the derrick to a new location as soon as it is moved from the new well.

Another new location announced today was Hunt Oil Company's Ezra Garner No. 1, on the line on the north part between sections 25 and 30 on a long 40-acre unit.

OIL HAS BROUGHT MAGIC CHANGES TO CITY OF MAGNOLIA

3-10-40

By WILLIAM A. WILSON.

(State News Editor of the Gazette.)

Magnolia, March 9.—Since the discovery of oil in Columbia county two years ago, this old South Arkansas town has become one of the most wideawake municipalities in the state. Prior to the bringing in of the discovery well, Magnolia was just another town, but now things are quite different.

There is more hustle and bustle in Magnolia now than its citizens dreamed ever would be prevalent. Whereas two years ago, when this correspondent last visited Magnolia to attend the dedication of a new federal building by Postmaster General James A. Farley, there was practically no building activity under way. Since then, more than 200 homes have been erected, many business houses have undergone remodeling and repairs, a well-drilling supply house has been opened and empty buildings occupied.

Population Doubles In Two Years.

The population, as determined by the 1930 federal census, was 3,008, and by 1938, when oil was discovered, it had increased to about 3,250, according to Chamber of Commerce estimates. Now there are nearly 7,000 persons living in Magnolia, it was estimated. There is not a vacant dwelling. It was estimated that there is an average of more than two families occupying each house in town. Many people make their homes in tourist camps, unable to obtain residences. A half dozen or more tourist courts have been built. One is of the swanky sort and is on a par with those of our largest cities.

Business has increased along every line, your correspondent was told. Bank deposits have grown appreciably. One bank has deposits of more than \$1,424,000 as compared to \$721,000 November 1, 1937. The other, with deposits of \$1,365,999 in November, 1937, now has \$1,754,309 on deposit.

It was significant that most of the Little Rock banks had representatives at the Oil Jubilee celebration here Tuesday.

At the postoffice business has increased from 50 to 75 per cent, Mrs. George Monroe, postmaster, said. While business men don't care to admit it, the mail order business also has increased considerably.

The largest of the six oil fields in Columbia county is the Magnolia field. The 96th producing gusher was brought in Tuesday. Bringing in of this well was a feature of the Oil Jubilee celebration, and was witnessed by 500 or 600 persons, including Gov. Carl E. Bailey, members of the state Oil and Gas Commission, Harvey C. Couch, Pine Bluff utilities and railroad executive, who, incidentally, has an interest in two or three of the new wells in the Magnolia area and who is a native of this county; Col. T. H. Barton, Arkansas's biggest oil operator, and many others.

The daily production from the six fields, with one of them shut in, totals 26,439 barrels. Productions by fields, as given to your correspondent by the Oil and Gas Commission, follows:

Magnolia, 95 wells, 20,000 barrels. Atlanta, six wells, 900 barrels. Dorcheat, five wells, 1,500 barrels. Buckner, 19 wells, 2,666 barrels. Big Creek, one well, shut in. Village, 11 wells, 1,373 barrels. Another well was brought in but has been abandoned.

The Magnolia field is in an area of approximately 4,000 acres. The Oil and Gas Commission allows only one well to each 40 acres, which means that only 100 wells will be allowed to produce in that field. However, it may be that other wells will be drilled nearby, which would enlarge the size

of the field, thus permitting additional producers.

Oil, Gas Commission Doing Good Job.

The Oil and Gas Commission exercises considerable power in the state's various oil and gas fields. Its personnel and methods of handling the situation were "praised to the sky" by Harold B. Fell of Ardmore, Okla., executive vice president of the Independent Petroleum Association of America, who has been in the "oil game" many years. He referred to the Arkansas conservation laws as the best in the United States. As a result of these laws, Mr. Fell predicted, the

Magnolia field will be producing oil "practically indefinitely." If these same laws had been in effect when the Union county fields were brought in, wells there would have produced more oil and for a longer period, he declared.

Whereas the Columbia county wells are what are known as "flowers," or wells which flow from gas or water pressure, most of the wells in Union county are "pumpers." Thus the production of oil in Columbia county costs considerably less than in Union county.

Because of the wide well spacing, adequate casing programs, uniform drilling and completion methods, and equitable proration as required by the Oil and Gas Commission, oil men believe that a maximum recovery over a long flowing period will result. Recoverable reserves have been estimated at 180,000,000 barrels of oil, 292,000,000,000 cubic feet of gas and 628,000,000,000 gallons of natural gasoline and butane. The reserve estimates have been computed on volume basis.

Under the gas cap, geologists have reported, the maximum oil section in the Magnolia field totals 180 feet in thickness with little variation in porosity or permeability. The lime is said to dip steeply to the north and south, forming an elongated anticline running east and west. The average thickness of the oil section was said to be about 125 feet. At the present rate of production, the field should yield about 7,000,000 barrels of crude annually, or four per cent of its estimated reserves. Some oil men said that the field should continue producing until 1975 or later.

Extracting Plant Filling Big Need.

A new institution in Columbia county in which its citizenry takes great pride is the natural gasoline extraction plant, erected at a cost of about \$750,000. Butane and natural gasoline are produced from gas which otherwise would be allowed to go to waste at the various oil wells. At every oil well in the Magnolia field, there is a comparatively small amount of gas which cannot be used. It is piped a short distance from the well and a torch applied, and it burns indefinitely. It is this gas which is being used at the extraction plant, built in the heart of the Magnolia field and which was put in operation only a few days ago.

This correspondent visited the extraction plant and found the superintendent, C. E. Haines, quite reluctant to talk for publication. He came here from Tulsa, Okla., where he was superintendent of a similar plant. He has been in the oil business many years.

Mr. Haines asked us to stress the fact that the new plant does not turn out any kind of motor fuel—only butane gas and natural gasoline. He said that the plant was built and is being operated by the Shell and other large oil companies. About 15,000,000 feet of "waste" gas is handled every 24-hour period, he said, while about 8,000 feet of butane gas and about 25,000 gallons of natural gasoline are produced. The plant obtains all the gas it uses from the Magnolia field.

Lion Oil Discoveries Exceed Production.

Among the larger concerns operating in the Magnolia field is the Lion Oil Refining Company of El Dorado. Its holdings, however, are small compared with those of several other companies. In its annual report, dated Tuesday—the day of the Oil Jubilee at Magnolia—the Lion company announced that "This is the fourth consecutive year in which the company has discovered more 'new oil' than it has withdrawn from the ground, with the result that present crude oil reserves are the largest the company has ever owned. During the year (1939), additions have amounted to 2.6 times annual production. Of special importance is the fact that approximately 70 per cent of the company's reserves are in south Arkansas fields, adjacent to refining operations."

The Lion report says that the 1940 budget appropriations "do not include important drilling. The company does, however, own leases in what are believed to be the most promising undeveloped areas in south Arkansas." From the Shuler field of Union county, in which the Lion company has extensive holdings, a 14-mile six-inch pipeline was laid to the refinery at

El Dorado, and another line, 17 miles in length, was laid from the Shuler to the Magnolia and Atlanta fields of Columbia county, providing increased oil capacity.

Other citations in the report show that tank car shipments by the Lion company increased from 23,429 cars in 1938 to 25,177 cars in 1939. The company drilled 23 "successful wells" during the year in south Arkansas. There are 408 producing wells owned by the company in Arkansas, Louisiana and Texas. At the El Dorado refinery, crude runs for the year totaled 4,950,000 barrels which were processed into 26 different products which Lion manufactures and distributes.

Among improvements at the refinery the past year was installation of a refinery cracking and reforming unit which increased the daily capacity of crude. There also was constructed a modernistically designed control room from which operations of three units are controlled. Installation of a cracked gasoline stabilizer, to improve the quality of gasoline and permit production of gasolines of tailor-made specifications for different marketing localities or different conditions or atmospheric temperatures, also was announced.

Petty Stave's Gas to Be Used For Buckner Repressuring.

Special to the Gazette. 3-17-40

Magnolia, March 16.—Construction of a right-of-way for a gas line from the Petty Stave well to the Buckner field to enable the repressuring of wells in that area which are not flowing on their own power has been started.

The Petty Stave well, which came in December 23 in the southeast of the southeast of Section 4-17-21, one and a half miles northwest of Magnolia, is approximately six miles from the nearest of the 19 wells in the Buckner field. Ten of the Buckner wells are in Columbia county; the remainder in Lafayette county. Two of the 19 wells are pumpers.

Standard attempted to find a market for the gas obtained at the Petty Stave but was unsuccessful. Officials finally decided to utilize the flow to step up the production of the Buckner field, where oil output has been good, but gas pressure low.

One New Magnolia Well In.

The Magnolia field added its 97th producer this week. It was Standard's A. W. Gunnels No. 1, southwest of the northwest of Section 20-17-19, which flowed an average of 9 4-8 barrels per hour through 9-16-inch choke on a seven-hour test yesterday. Pressure on casing was 1,250 and on tubing, 1,025. Total depth is 7,589, with casing set to 7,566. It is the second in the east edge, the first having been Hunt's Booth No. 2, completed March 4.

Standard will slide derrick one location north to a new location, the A. W. Gunnels B-1.

Arkansas Fuel Oil Company is north of the company's King B-2, which is in the center of a 40-acre drilling unit in the same quarter of 21-17-20. The closeness of the drilling sites was possible because the B-2 completed January 11 as the field's 85th well, since has been abandoned. This actually leaves 96 flowing wells.

Four other Magnolia wells are coring or drilling. Atlantic Oil and Refining Company's T. J. Gunnels No. 1, southwest of the southwest of Section 19-17-19, set production casing after topping porosity at 7,438 and coring in the pay to 7,562. It is on the southwest edge.

Mid-Continent Oil Company is drilling below 6,275 in the Foster No. 2, southeast of the southwest of Section 24-17-20, south border of the area. Normandie Oil Corporation's Booth No. 1, on the north half of the northeast of the northwest and the north half of the northwest of the northeast of Section 25-17-20, on a long 40-acre drilling unit, is below 6,300. Shell Oil Company's Peoples Bank of Columbia No. 2, in the southwest of the southwest of Section 24-17-20, was drilling near 4,550.

Atlanta Field Active. The Atlanta field, although the most active in the county, still is having trouble with Hunt Oil Company's McWilliams No. 2, northeast of the northeast of Section 16-18-19, which has shown no signs of flowing after two weeks of efforts. It is a west offset to the McWilliams No. 1 and on the northwest edge of the main field. Another in the main area, Tidewater Associated Seaboard's J. T. Beene No. 2, northeast, northwest of Section 15-18-19, north offset to the discovery well, cored near 8,340. They estimated they were 15 feet above the water level. This is a northeast well. Tidewater's Warren Mack No. 1, southwest of the northeast of Section 16-18-19, has completed a long fishing job and is drilling below 7,680. This is a west offset to the company's Clark No. 1, and farthest west of any in the field.

Three other locations in the east extension are expected to start soon. They are the Tidewater Associated Seaboard's Talley No. 1, announced for southeast of the northwest of Section 14-18-19, but not definitely lo-

cated on that location, which is waiting; the company's Murphy Land Company No. 1, southwest of the northeast of Section 14-18-19, south offset to the extension discovery well, and the company's Mahoney No. 1, northwest of the northwest of Section 13-18-19, east offset to the Emma Riley No. 2, completed last Saturday and gauged Monday at nearly 12 barrels per hour through a 12-16th-inch choke, with pressure on casing at 7,750 and tubing at 1,675.

Village Wildcat.

James Forgotson's L. M. Dendy No. 1, wildcat, being drilled by the Ray Drilling Company in the southwest of the southwest of Section 14-17-19, is near 4,500 feet.

Dorcheat's one well drilling is coring near 7,000 feet. It is McAllister Fuel Oil Company's Sayers Unit No. 1, northeast of the northwest of Section 15-18-22.

98th Oil Well Completed In Magnolia Field.

Special to the Gazette. 3-19-40
Magnolia, March 19.—The Atlantic's T. J. Gunnels No. 1, in section 19-17-19, east side of the Magnolia field, drilled the plug yesterday, was washed in this morning and was turned into tanks today. The depth is 7,575 feet. It will be gauged tomorrow. This is the 98th well to be completed in the field.

New Magnolia Well Flows 17 Barrels Per Hour.

Special to the Gazette. 3-21-40
Magnolia, March 20.—Atlantic Refining Company's J. T. Gunnels No. 1, in southwest of southwest of section 19-17-19 in the east end of the Magnolia field, was gauged in a 13-hour test today and made 17 barrels an hour through a quarter-inch choke. Tubing pressure was 925 pounds and casing pressure, 1,200 pounds.

Columbia Well Total Raised Again

3-24-40

Special to the Gazette.

Magnolia, March 23.—One completion and one semi-completion were recorded in Columbia county fields this week.

Atlantic's T. J. Gunnels No. 1, southwest of section 19-17-19, Magnolia field, began flowing into the tanks Tuesday and gauged 17 barrels per hour through a quarter-inch choke on a 13-hour test Wednesday. It was completed at 7,573 after encountering porosity at 7,477. It is on the east side and is the 98th well in the field.

Beene No. 2 Has Weak Flow.

The semi-completion was Tidewater-Associated Seaboard's J. T. Beene No. 2, in the northeast of the northwest of section 15-18-19, Atlanta field, which reported a weak flow Thursday after two weeks had been spent in attempting to complete it. The difficulty in completing the No. 2 well and the poor showing of the Beene No. 1 make the prospects for a north extension of the main field doubtful.

Status of wells in the Atlanta east extension is:

Vaughan's Mahoney No. 1, northeast of the northwest of section 13-18-19, ready to spud in as an east offset to Mahoney's Emma Riley No. 2.

Vaughan's Talley No. 2, announced but not started in the northeast of the northwest of section 13-18-19, farthest east in the field.

Tidewater Associated Seaboard's C. H. Murphy Land No. 1, southwest of the northeast of section 14-18-19, south offset to the extension opener, building derrick.

Mahoney's Emma Riley No. 3, southwest of the southeast of section 11-18-19, north offset to the Riley No. 1, moving in.

Tidewater's W. T. Beene No. 1, northeast of the northwest of section 15-18-19, ready to start as soon as fuel pipe to well is completed.

Tidewater Associated Oil Company's C. H. Murphy No. 2, southeast of the northeast of section 14-18-19, has been staked.

Seaboard's Talley No. 1, announced for the northwest of the southwest of section 15-18-19, announced several days ago but waiting for possible shifting several feet from announced location.

Magnolia Field Active.

Status of Magnolia field wells is: Standard's A. W. Gunnels B-1, northwest of the northwest of section 20-17-19, has set second string of casing at 2,200.

Mid-Continent's Foster No. 2, southeast of the southwest of section 24-17-20, near 7,200.

Shell Oil's Peoples Bank No. 2, southwest of the southwest of section 24-17-20, at 6,050 feet.

Arkansas Fuel Oil Company's King B-3, 21-17-20, set second string.

Hunt Oil Company's Ezra Garner No. 1, on a long 40 in the north half of the northeast of the northeast of section 25-17-20, and the north half of the northwest of the northwest of section 30-17-19, began drilling.

Normandie's Booth No. 1, north half of the northeast of the northwest and north half of the northwest of the northeast of section 25-17-20, near 5,950.

The Village wildcat, the James M. Forgotson's L. M. Dendy No. 1, being drilled by the Ray Drilling Company two miles southeast of Village in the southwest of the southwest of section 24-18-19, is down to 5,750.

Dorcheat's only active drilling operation is McAllister Fuel Oil Company's Sayers Unit No. 1, northeast of the northwest of section 15-18-22, nearing 7,550.

Two Atlanta Wells In, Two Others Dry

3-28-40

Special to the Gazette.

Magnolia, March 27.—The Atlanta field had a new producer today in the Tidewater Associated Seaboard's Warren Mack No. 1, southwest northeast of Section 16-18-19, a west offset to the company's Clark No. 1, in the main field. The well, bottomed at 8,268, is cleaning itself in pits and probably will be gauged tomorrow.

Two Others Go Dead.

Two other wells in the same field have gone dead. One is Hunt Oil Company's H. A. McWilliams No. 2, which has been undergoing repeated trials the past three weeks. It was dead again today after having been swabbed dry and having flowed salt water. The other is Tidewater Associated Seaboard's J. T. Beene No. 2, northeast northwest of Section 15-18-19, a north offset to the field opener. It flowed 105 barrels of oil and three barrels of salt water on an eight-hour test yesterday, with casing pressure 750 and no pressure on tubing. It went dead today.

99th Magnolia Well Due.

The east extension is the busiest area in the county. The Magnolia field expects its 99th producer early next week. It is Mid-Continent's R. S. Foster No. 2, southeast southwest of Section 24-17-20, which was coring today at 7,534.

99th Well In Magnolia Field In

4-5-40

Special to the Gazette.

Magnolia, April 4.—The Magnolia field recorded its 99th completion today when Mid-Continent's Foster No. 2, southeast southwest of Section 24-17-20, came in. It was turned into tanks and made 24 barrels per hour through a quarter-inch choke. Casing pressure was 1,350 and tubing pressure, 1,250. Depth is 7,595, with casing set at 7,585.

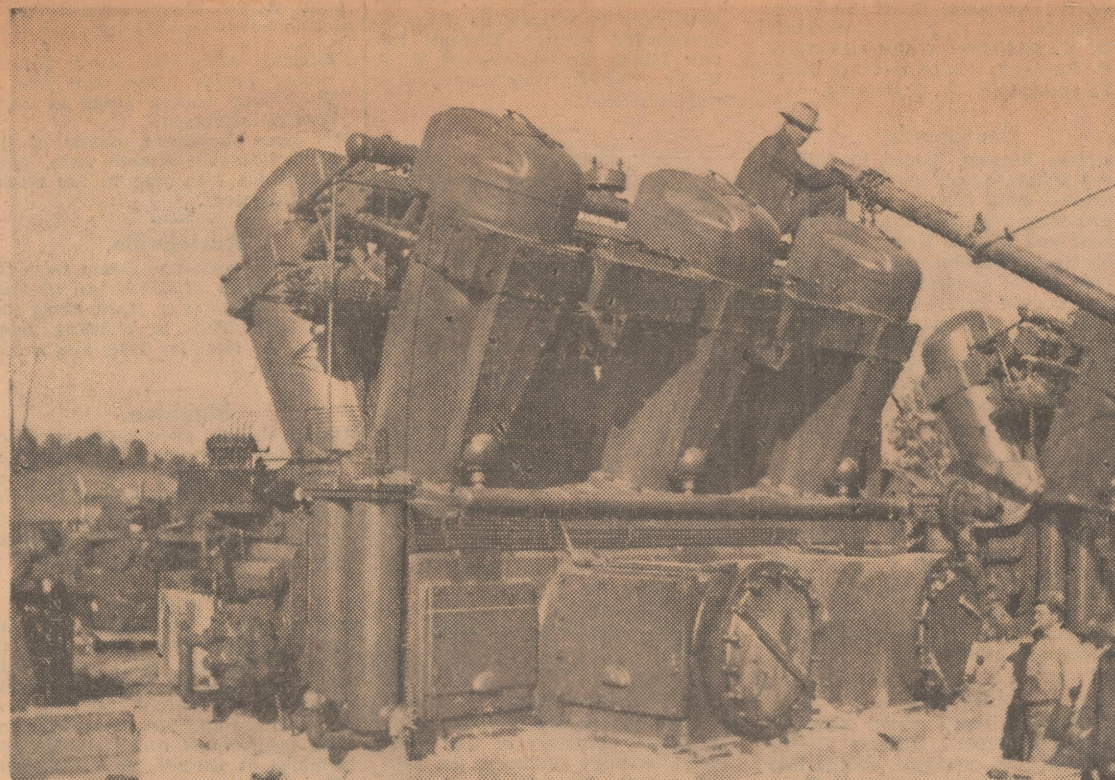
Two Others Due Soon.

Two other wells in the same field have set production casing and are expected to be completed during the week-end. Normandie Oil Company set production pipe two days ago to 7,603 on the Booth No. 1, north half of northeast northwest and north half of northwest northeast, Section 25-17-20. Total depth is 7,642. It is expected to be the 100th completion. The other waiting on cement set today in production pipe was Shell Oil Company's Peoples' Bank No. 2, southwest southwest of 24-17-20, which set pipe to 7,642. Cement sets usually at these deep wells 72 hours or longer before being perforated for completion.

Wildcat Encounters Salt.

The Village wildcat, Forgotson's L. M. Dendy No. 1, southwest southwest of Section 24-17-19, was drilled to 7,786, but found too much salt water in a drill stem test this week to indicate a producer. Four feet of good saturation was encountered at the proper depth, but salt water appeared too close. The operators are awaiting orders whether to abandon.

MAMMOTH COMPRESSOR AND ABSORBER



Above at left is pictured one of the five compressors, each weighing 60,000 pounds, which form a part of the equipment of the \$750 gasoline extraction plant and gathering system now nearing completion in the Magnolia field. An idea of the magnitude of the machine is furnished by the workers, who are dwarfed by the 30 tons of steel. At the right is the 70-foot 70,000-pound absorber.

\$750,000 GASOLINE EXTRACTION PLANT NEARS COMPLETION

1-7-40

Special to the Gazette.

Magnolia, Jan. 6.—Construction will be completed soon of one of Arkansas' largest industrial plants, the \$750,000 gasoline extraction plant being erected by Shell Oil Company in approximately the middle of the nearby Magnolia oil field.

The huge investment, in which Atlantic, Standard, Grady Vaughan, Southwood and other oil interests are sharing, will enable the gas now being wasted by the 81 wells of the field to be converted into commercial use. The waste gas now feeds 81 flares, which burn brightly every night—at waste of \$10,000 daily. This figure is computed from the present value of the products into which the gas will be converted.

The plant will be located in the northeast of the northwest quarter of section 23-17-20, about four and a quarter miles south southeast of Magnolia.

As an adjunct to the plant proper, Latex Construction Company of Houston, Tex., is constructing a gathering system, which will deliver the gas from the various wells to the plant. The pipe system and plant, which together will cost \$750,000, were started October 1. Construction will be completed early in February, but the production of gasoline will be started before the work is completed.

Single Absorber Weighs 35 Tons.

Huge machinery is the feature of the manufacturing unit, with the buildings only incidental. Thomas R. Bacon, engineer draftsman for the Shell company, explained.

The most conspicuous part of the machinery on the ground is the absorber, which towers 70 feet and weighs 70,000 pounds. It was delivered on two flat cars and is said to be the largest single piece of manufacturing equipment ever brought to the county. Next in size and weight are the five compressors, each weighing 60,000 pounds, without two additional large pieces, added to the front of each of these, increasing the weight considerably. These have concrete foundations and sit in a row.

Other units of the plant will be two stabilizers, 50 feet high and weighing 50,000 pounds each, standing near the absorber, and two stills, 40 feet high, as condensers; six large cylinder tanks, set in foundations, and two large upright cylindrical reservoir tanks, engine room, boiler room, control house, treating houses. These are constructed of galvanized iron and structural steel.

The plant proper is enclosed by a high iron fence, surrounding a tract 500 by 500 feet. A guard stands at the entrance. A pretty home row just out-

side contains three modern, asbestos-framed cottages for the officials who will live on the grounds. These houses are modern, behind iron fences, and on leveled lawns. All grounds will be landscaped when construction is finished. The location is on an elevation, and the site already has assumed the appearance of a modern little city. Water will be supplied by two wells, each 550 feet deep; a disposal plant will furnish electricity and natural gas will be provided throughout the set. Additional offices and laboratories will occupy sites near the homes outside the enclosure.

100 Workers Employed On Two Projects.

There are approximately 50 men employed on the construction of the plant, and about the same number on the gathering system. Many others were on the payroll when the projects were begun but as the various jobs have been completed, the number of workers has been decreased.

Gasoline Production Complicated Job.

The manufacture of gasoline begins at the well, where a separator diverts the gas, which then is piped to the plant. It is measured before it leaves the well. After being delivered through the compressors, it enters the absorber and is mixed with the oil. The various cooking, distilling and vaporizing processes follow, before the various products—gasoline, dry gas, butane gas, etc.—are ready for market.

The plant will have a daily intake capacity of 13,000,000 cubic feet of gas, which will enable a daily output of 40,000 gallons of natural gasoline and 12,000 of butane gas. As this gas now is wasted, officials estimate a saving of approximately \$10,000 daily will be effected, as the daily gasoline plant production will have a value of \$8,000; the butane gas (at 10 cents a gallon) a value of \$1,200, and the dry gas an appreciable value for use as fuel at the plant and at the various wells.

Key men in the construction program are L. C. Becker, inspector for the Shell Oil Company for the gathering system; C. E. Haines, resident superintendent; Thomas R. Bacon, engineer draftsman; C. O. Johnson, construction superintendent, and R. C. Tucker, draftsman.

This plant is the second of its type built. The first was in west Texas and also was built by Shell.

New Columbia County Oil Well Makes 156 Barrels.

3-29-40

Special to the Gazette.

Magnolia, March 28.—Atlanta field's new producer, Tidewater Associated Seaboard's Warren Mack No. 1, southwest northeast of Section 16-18-19, was gauged at 156 barrels in 24 hours through a 9-64 inch choke on tubing today. Gas pressure on casing was 1,800, and on tubing 1,400. Gas-oil ratio was 640 to 1. It was pronounced a good producer.

100th Well In Magnolia Area Clears Itself

4-7-40 Democrat

1 Just Fails of Completion Saturday.

Magnolia.—The Columbia county field's 100th producer apparently just failed to get under the wire Saturday night. A report from the field in the early evening said the Booth No. 1 of the Normandie Oil Corporation was clearing itself, but that not enough oil was yet flowing to permit listing it as a producer. It was presumed the well would come in later in the night or Sunday.

The well is in the north half of the northeast quarter of the northwest quarter, and the north half of the northwest quarter of the northeast quarter, of section 25-17-20. It had been hoped to complete it Saturday. Depth is 7,620 feet.

The one completion for the week, the 99th for the field, came in Thursday for the Mid-Continent's Foster No. 2, SE, SW, section 24-17-20, and was gauged for 24 barrels per hour through one-fourth-inch choke. It is a south offset to the same company's Foster No. 1.

About to be started near the Normandie's Booth well is Hunt's Ezra Garner No. 1, rigging up.

Two drilling in the same field are Standard's A. W. Gunnels B-1, NW, NW, section 20-17-19, extreme east edge, near, or below 6,600, and the Arkansas Fuel Oil Company's King B-3, which it is hoped will take the place of King B-2, drilled by the same company, completed January 11 as a fair producer, but later abandoned because of salt water. This new king B-3 is down about 6,350 feet.

Dorcheat field's only active operation is McAllister Fuel Oil Company's Sayers Unit No. 1, NE, NW, section 15-18-22, down 8,475. Production in that area is below 8,800.

The Atlanta field, southeast part of the county, is now the most active area, and while two wells in the main field are still obstinate, the east extension shows promise of several producers.

The two main field wells are Hunt's McWilliams No. 2, NE, NE, section 16-18-19, and Tidewater Associated Seaboard's J. T. Beene No. 2, NE, NW, section 15-18-19, which was believed due to flow, perhaps by the week-end.

The commission has ordered the Dorcheat field to close down from April 2 until May 1, when experimental tests will be made to test bottom hole pressure.

100th Well In Magnolia Field In

4-8-40

Special to the Gazette.

Magnolia, April 7.—Normandie's Booth No. 1, north half of the northwest of the northeast and the north half of the northeast of the northwest, section 25-17-20, which cleaned itself yesterday, was turned into the tanks today and was pronounced a good producer. Gauge will be taken tomorrow.

This is the 100th completion and 99th sustained producer in Magnolia field. It is on the extreme south edge of the field and to the east.

The Arkansas Fuel Oil Company's King B-2, completed January 11, since has been abandoned.

Hunt's Garner No. 1 on the range line between sections 25 and 30, is preparing to start. It is in the line

east and west with the new completion.

Shell Oil Company drilled plug on the Peoples Bank No. 2, southwest of the southwest of section 24-17-20, and was washing late today. It is expected to be completed tomorrow. It is also on the south side of the Magnolia field.

Shell Brings In Well In Magnolia

4-9-40

Special to the Gazette.

Magnolia, April 8.—Shell Oil Company's Peoples Bank No. 2, also known as the Foster No. 2, in the southwest southwest of section 24-17-20, was cleaning itself in pits late today and was said by an official that it will be "all right". It is on the south side of the field, and is the 101st producer completed in the Magnolia area, following closely completion of Normandie's Booth No. 1, in section 25-17-20.

Gauge on the new well is expected tomorrow. The depth is 7,642 feet.

A gauge announced today on the Normandie Booth is 23 barrels an hour through a 1-4 inch choke, with casing pressure of 1,100 pounds and tubing pressure of 1,300. The depth is 7,620 feet with casing set to 7,903. It flowed yesterday.

A new location was announced today, Standard-Longino B-2, southeast southwest section 19-17-19, east edge of the field.

New Magnolia Well Makes 209 Barrels in Eight Hours.

Special to the Gazette. 4-10-40
Magnolia, April 9.—Shell Oil Company's Peoples Bank No. 2, which began flowing into pits yesterday was gauged today at 209 barrels in eight hours through a quarter-inch choke, with casing pressure at 1,275 and tubing at 1,250. This well is on the south side of the field in section 24-17-20. It is the 101st completion and the 100th now flowing, since one, Arkansas Fuel Oil Company's King B-2 in section 21, was abandoned several weeks ago, following completion.

Three Wells In Magnolia Area Due Soon

McAlister's Sayers No. 1 Sets Casing in Dorcheat Field.

4-14-40 Democrat
Magnolia—One addition to Magnolia field the past week increases the completions in the area to 101. One other in the same field has set production pipe and will drill plug Sunday or Monday. Two others in the county are making ready to set production pipe and should complete the coming week, these last two being one in the Dorcheat field and one in Buckner east extension. Crews on two new locations are making ready to start.

The one new well added is Shell Oil Company's Peoples Bank No. 2, sw, section 24-17-20, gauged Monday at 209 barrels for eight hours through one-fourth-inch choke, with gas pressure on casing at 1,275 and on tubing at 1,250. Depth of the well is 7,642. It was pronounced a fair producer.

One well was added in the Atlanta field by a flow Monday of 60 barrels per day, and later, more or less, as tests with different chokes were made on W. T. Beene No. 2, ne, nw, section 15-18-19, a Tidewater Associated Seaboard north offset to the field opener, after Nixon flow valves had been installed. While gas pressure was scant, operators had faith that the flow would continue and perhaps increase. This is the seventh producer in the Main field.

A well expected to have production pipe set soon is the McAlister Fuel Oil Company's Sayers Unit No. 1, ne, nw, section 15-18-22, two locations east from the Dorcheat field opener, depth of which is 8,876, after being cored from 8,845. This will be the sixth producer for the field.

Two Columbia County Oil Wells Added

4-14-40 Gazette
Special to the Gazette.

Magnolia, April 13.—Columbia county added two new oil producers today. Arkansas Fuel Oil Company's King B-3, north half of the southeast of the northwest of Section 21-17-20, Magnolia field, was turned into tanks this afternoon after it had flowed into pits three and a half hours. It will not be gauged until tomorrow, but was said to be a good producer.

It is just north of the company's King B-2, in the center of the 40-acre unit abandoned recently because of salt water after it had been brought in as a producer January 11. The new well is on the southwest edge of the field in the Jones extension area. Depth is 7,660, with casing set to the bottom.

Buckner Well in Good Flow.
F. M. Hood's A. C. Warren No. 1, northwest of southeast of Section 9-16-22, east extension to the Buckner field, began flowing into pits early today. Turned into tanks, it flowed 17 barrels per hour through a 3-16-inch choke. Gas pressure was 60 pounds on casing and 550 on tubing.

It is four miles west of Waldo and three-fourths of a mile north of the Standard's Nancy Johnson No. 1, extension opener, and may lead to more drilling in that area. It is the only well in the county to have been abandoned recently because of salt water after it had been brought in as a producer January 11. The new well is on the southwest edge of the field in the Jones extension area. Depth is 7,660, with casing set to the bottom.

Standard Has New Magnolia Producer

4-16-40
Special to the Gazette.

Magnolia, April 15.—Standard's A. W. Gunnels B-1, in the northwest northwest of section 20-17-19, began flowing before noon today as the 102d completion in the Magnolia field and the 101st producer. It is on the extreme east edge of the field. The depth is 7,569 feet with casing set to 7,533.

While it will not be gauged until tomorrow, an official said it was "all right." The main porosity was topped at 7,537 feet.

Arkansas Fuel Oil Company set production casing in the King B-3, in the southeast southwest of section 21-17-20, at 7,660 feet, the bottom today. The porosity was topped at 7,636.

Two other wells, Dorcheat field's Sayers Unit No. 1, in section 15-18-22, and Buckner field's A. C. Warren No. 1, section 9, are waiting on cement on production casing, and are expected to be completed early this week.

New Magnolia Producer Flows 16.44 Barrels Per Hour.

4-20-40
Special to the Gazette.
Magnolia, April 19.—The Arkansas Fuel Oil Company's King B-3, which began flowing yesterday, flowed 16.44 barrels per hour through a 16-64-inch choke on tubing today. Casing pressure was 1,575; tubing pressure, 1,375. It is in section 21-15-20, Magnolia field.

Mahony No. 1 Flows 216 Barrels in Day

5-1-40
Special to the Gazette.

Magnolia, April 30.—Grady Vaughn has completed his Mahony No. 1, northwest of the northwest of section 13-18-19, Atlanta field, by squeezing off salt water which showed in the production last week when casing was shot at three levels. The gauge today showed it had flowed 216 barrels over a period of 24 hours through a 3-16 inch choke with casing pressure at 1,300 pounds, and tubing pressure at 900.

The well is on the extreme east edge of the extension of the Atlanta field, and the second location east of the extension opener, Mahony's Emma Riley No. 1. Total depth is 8,228 feet.

Tidewater Associated Seaboard is scheduled to drill plugs on two other offsets to the Emma Riley tomorrow, an official announced today. They are the C. H. Murphy Land Company No. 1, southwest of the northeast of section 14-18-19, a south offset, and the W. T. Beene No. 1, northeast of the northwest of the same section and a west offset.

Magnolia Area Development Is Unchecked

4-21-40
DEMOCRAT
Four Completions Past Week—Fields Widened Steadily.

Magnolia—Four wells added to Columbia county's oil producers this week make a total of 149 producers (one of them gas) in the six deep fields of the county.

Nine of these are in the east edge of Lafayette county in the Buckner field, leaving 140 in Columbia county proper. These have been completed in two and a half years, since Standard brought in the first deep producer in the Buckner field, west edge of the county, in the fall of 1937.

oil commission here Thursday, April 25. The wells completed this week are two in Magnolia field, one in Dorcheat, and one in the Buckner east extension area. Standard completed A. W. Gunnels B-1, NW, NW, section 20-17-19, Magnolia field, Tuesday, when a gauge showed 29 barrels per hour through a 21-64th-inch choke, with casing pressure 1,025 and tubing pressure 975. Its depth is 7,569. It is the third completion in section 20 in the east side of the field.

Magnolia field's second producer added is Arkansas Fuel Oil Company's King B-3, north 20 acres of SE, NW, section 21-17-20, southwest corner of the field. It is just north of the company's King B-2, completed January 11 and later abandoned.

This King B-3 well was gauged Friday at 16.44 barrels per hour through a 16-64-inch choke with pressure of 1,575 pounds on casing and 1,375 on tubing.

Dorcheat's new well and the sixth for that deep field, eleven miles southwest of Magnolia, is McAlister Fuel Oil Company's Sayers Unit No. 1, NE, NW, section 15-18-22, which came in on flow late Wednesday and flowed Thursday, when gauged, at the rate of 12 barrels per hour through a 1-2-inch choke, with gas pressure at 1,200 on casing and 1,100 on tubing. Gas oil ratio was 950 to 1, showing more oil and less gas than other wells in that area, and better proportion for a producer, where gas flow has been so high that operators have been afraid the field might have to be classed as a gas-distillate field. This well's favorable outcome may inspire increased activities in that area. Depth of the well is 8,876.

Buckner Gets Gusher.
Buckner field addition, in east extension area, four miles west of Waldo and just north of Lumber, a mill station, and three-fourths of a mile north of the extension discovery well, Standard's Nancy Johnson No. 1, was completed Thursday as the third for the extension and the twentieth for the Buckner Columbia-Lafayette field. It was acidized Wednesday to reduce the flow, which gauges 17 barrels per hour through 3-16th-inch choke, with casing pressure at 60 pounds and tubing pressure at 550. The outcome encouraged further extension in the vicinity. This well was drilled by F. M. Hood.

One well in Atlanta field has set production casing and is due for completion over the week-end, or early next week. This is Grady Vaughn's Mahony No. 1, NW, NW, section 13-18-19, extreme east edge of the extension to the main field.

Other drilling activities in the Atlanta field include three wells drilling as offsets to the extension opener, Mahony's Emma Riley No. 1; three locations waiting in the extension and one in the main field. The present drilling operations are, Mahony's Emma Riley No. 3, SW, SE, section 11-18-19, near 6,500; Tidewater Associated Seaboard's W. T. Beene No. 1, NE, NW, section 14-18-19, west offset, drilling near 7,000; the same company's C. H. Murphy Land Company No. 1, SW, SE, same section, drilling at around 7,110. It has been announced that as soon as Grady Vaughn completes Mahony No. 1, he will move onto his J. N. Talley No. 1, main field area.

Three other locations waiting in the extension are Tidewater Associated Seaboard's C. H. Murphy Land Company No. 2, Vaughan's Mahoney No. 2, and Hunt's Hendricks No. 1.

Magnolia field operations at present include the following: Hunt Oil Company's Ezra Garner No. 1, on a long forty-acre unit along the north edge of sections 25-17-20 and 30-17-19, now drilling near 3,650; Standard's two new locations on east side of the field, L. A. Longino B-2, SE, SW, section 19-17-19, which is rigging up, and A. W. Gunnels C-1, SE, NW, section 20-17-19.

Outcome Of 10th Atlanta Well Doubtful

4-25-40
Special to the Gazette.

Magnolia, April 24.—The Atlanta field has added its tenth producer in Vaughn's Mahoney No. 1, northwest northwest of Section 13-18-19, on the east edge of the extension. Although it has been turned into tanks, the well was reported making equal quantities of oil and salt water. Perforations were made between 8,122-36 and 8,140-47 and 8,169-75 and 8,185-91, with 24 shots at each level. It was turned into tanks at 6 last night and went dead a little more than two hours later. However, it was flowing again early today and was said to have flowed into tanks to a depth of two feet, about half of which was salt water.

The gas flow was good and it may make a fair producer, but prospects are not bright, especially for further drilling east of it. It is the second location east of the extension's discovery well.

No Changes For May Oil Allowable

4-26-40
Special to the Gazette.

Magnolia, April 25.—Arkansas's daily oil allowable of 70,000 barrels was continued through May by the Arkansas Oil and Gas Commission after a state-wide hearing here today.

The Atlanta field was allowed 200 barrels daily per well but only two wells in the field can make their allowable and the total yield will be only 1,200 barrels.

Allowables for the other fields were:
Magnolia 20,000
Jones sand, Shuler 15,000
Reynolds lime, Shuler, 2,800
Buckner 2,500
Dorcheat 1,200
Village 1,373
All others 29,927

Special Permits Given.
Permits were granted for three exceptions in Magnolia field to the 40-acre spacing rule, but a fourth special request was denied.

Permission was given to:
Southwood to drill the Couch No. 2, center of a long 40-acre tract comprising south half of southwest quarter of southwest quarter and the south half of the southeast quarter of the southwest quarter of Section 23-17-20, south edge of the field.

Standard for Merritt No. 3 in center of south half of northwest quarter of southeast quarter of Section 16-17-20, a 20-acre tract on the northwest edge of the field.

Berkshire Oil Company for H. C. Couch No. 1, center of a 30-acre unit in southeast quarter of the southeast quarter of Section 22-17-20, southwest edge of the field.

A permit was denied Tidewater Associated Seaboard for the E. M. Hutcheson No. 1, 330 feet south, 1,320 feet west of northeast corner of the southeast quarter of Section 16-18-19 in the Atlanta field, but the petitioners received permission to keep the request open for further evidence.

Southwood was denied a 40-acre allowable for a 20-acre tract after considerable argument. The well originally was the Poinexter No. 1, later called the Kitchens No. 1, Section 23, Magnolia field.

New Wildcat Planned.
Barnsdall Oil Company is making roads and moving in for a wildcat on the McLendon lease in the southeast part of Columbia county, in the southwest of the southwest of Section 5-18-19, three miles east of Atlanta and less than a mile from the Union county line.

Atlanta Well Only Addition Of Week

4-28-40
Special to the Gazette.

Magnolia, April 27.—A well added in the Atlanta field was the only completion in the state this week, but with three permits issued for new wells in Magnolia field and one wildcat announced to begin soon east of Atlanta, prospects are encouraging for a revival in drilling. Two wells already are drilling in the Magnolia area with one preparing to begin, and three are drilling in the Atlanta field, with another to start soon.

The Atlanta completion, Grady Vaughn's Mahoney No. 1, northwest northwest, section 13-18-19, is flowing part salt water and has lent no encouragement for continued drilling on the east edge of the field, where this well is located.

Its gauged flow was 70 barrels of fluid, 25 water and 44 oil, in three and a half hours. Pressure on casing was 1,150; on tubing, 900. Depth is 8,228.

Other wells in the Atlanta area drilling are: Tidewater Associated Seaboard's W. T. Beene No. 1, near 8,200, coring for pay; the same company's C. H. Murphy Land Company No. 1, southwest northeast, section 14-18-19, was running sidewall cores, preliminary to setting production pipe. Its depth is around 8,200. It is a south offset to the extension opener, while the W. T. Beene is a west offset. J. K. Mahoney was drilling below 7,000 in Emma Riley No. 3, southwest southeast, section 11-18-19. This is a north offset to the extension discovery well No. 1, Mahoney's Emma Riley No. 1.

Vaughan has announced that he will

move onto his J. M. Talley No. 1, north half of northwest of the southeast and the north half of the northeast of the southeast, section 15-18-19, main field, and drill it next, as he has completed his Mamoney No. 1.

Magolia field operations include: Hunt's Ezra Garner No. 1, on a long 40-acre tract in the north part of section 25-17-20 and section 30-17-19, on the section and range line, southeast edge, which is drilling near 5,500; Standard's L. A. Longino B-2, southeast southwest, section 19-17-19, east side, has set second string of surface casing to 2,126. The same company is waiting on tools and other equipment for the beginning of A. W. Gunnels C-1, southeast northwest of section 20-17-19, farthest east well in the field.

Wildcat Announced.
Another wildcat for Columbia county was announced by Barnsdall Oil Company on a McLendon lease, east and a little south of the village of Atlanta, in the southeast part of the county and less than a mile from the Union county line, in the southwest of the southwest of section 5-18-19. The company is building roads, clearing location and moving in some material on the location and expects to begin operations by the middle of May. This will be a deep lime test. A block of acreage was assembled several months ago, after seismograph crews had made extensive surveys.

151 Completions in County.
Columbia county's six deep fields have completed 151 producers in two and a half years. Nine of these are in Lafayette county in the Buckner field, leaving 142 completions in the county proper, of which 141 still are producers.

The number of producers in each field is:

Magnolia, 102.
Buckner, 20.
Atlanta, 10.
Village, 11.
Dorcheat, six.
Big Creek, one.

Vaughan Well, Atlanta Field, Hanging Fire

DEMOCRAT 4-28-40
"Partial Completion"
Only One for Week in Magnolia Area.

Magnolia—One well partly completed this week, two drilling in the Magnolia field, with four locations waiting, a wildcat announced to begin within two weeks, and the April meeting of the Oil and Gas Commission here Thursday, with its numerous decisions, mark oil events most outstanding in the county for the week just passed.

The one well completed in part, following seven in the past two weeks, is Grady Vaughn's Mahoney No. 1, NW, NW, section 13-18-19, Atlanta field, east edge of the extension area, which flowed Monday evening and then went dead, but flowed again next day. However, about half the flow was salt water and the other half oil. Its flow partly filled the tank, with much brine. A test of its flow later over a period of three hours and a half showed it made 26 barrels of salt water and 44 of oil, with pressure on casing at 1,150 pounds and on tubing 900. It is believed to be in the Jones sand and may be recompleted at a lower level, as it may have overshot the real production depth, executives surmise.

Other operations in the Atlanta field, which until this latest partial completion threw a damper on the prospects there, was believed to promise the greatest drilling program in what appeared an extensive pool, three wells drilling and four locations waiting, some of which may wait sometime, pending outcome of those now drilling.

Atlanta's 11th Well Completed

5-2-40
Special to the Gazette.

Magnolia, May 2.—Tidewater Associated Seaboard's W. T. Beene No. 1, the Atlanta field's 11th producer, was completed today. It gauged 30 barrels per hour through a quarter-inch choke over a three-hour period. Gas pressure on casing was 1,250 and on tubing, 1,100 pounds. This well

is on the west side of the east extension to the field, in the northeast of the northwest of Section 14-18-9. It is one of the best producers in the field. It is a west offset to the extension of discovery well, Mahony's Emma Riley No. 1.

The company's C. H. Murphy Land Company No. 1, southwest of the northeast of Section 14-18-9, south offset to the extension opener, drilled plug late today. It had been delayed because cement was set too high. It was set to the bottom today.

Vaughan still is having trouble with salt water in the Mahony No. 1, northwest of the northwest of Section 13-18-19, farthest east well in the field, and on the second location east of the extension opener. It was 10th producer for that area.

12th Atlanta Well Produces 199 Barrels in 24 Hours.

5-4-40
Special to the Gazette.

Magnolia, May 3.—Tidewater Associated Seaboard's S. H. Murphy No. 1, in the Atlanta field, completed late yesterday, was gauged today at 199.81 barrels in 24 hours through quarter-inch choke. Casing pressure was 700 pounds and tubing pressure 200. Gas-oil ratio is 910-to-1. This location is southwest northeast of section 14-18-19, a south offset to the extension opener. It is the 12th completion in that field.

Atlanta Field Adds Two Wells

May 5, 1940

Special to the Gazette.
Magnolia, May 4.—Two wells were added in Columbia county this week, both in the Atlanta field.

The first completion was Tidewater Associated Seaboard's W. T. Beene No. 1, northeast of the northwest of section 14-18-19, a west offset to the field's extension opener, which flowed 30 barrels per hour through quarter-inch choke Thursday. Pressure on casing was 1,200 pounds and on tubing, 1,100. It is one of the best producers in the field and lent encouragement in an area where three wells did not show favorably recently. It was drilled to 8,165, with production coming from the bottom 10 feet.

Twelfth and newest completion was the same company's C. H. Murphy No. 1, southwest of the northeast of section 14-18-19, which was completed Thursday and was gauged yesterday at 199.81 barrels in 24 hours through quarter-inch choke. Pressure was 700 on casing and 200 on tubing, with gas-oil ratio of 900-to-1. Casing was run to 8-171 feet.

Tenth Well Flowing Salt.
The field's tenth well, Vaughn's Mahony No. 1, northwest of the northwest of section 13-18-19, was recompleted Monday, but due to salt water, will have to be recompleted again.

Other Atlantic field activities are: Mahony's Emma Riley No. 3, southwest southeast, section 11-18-19, drilling around 7,725; location for Murphy No. 2, southeast northeast, section 14-18-19, was being cleared. Vaughn will start his J. M. Talley No. 1 on a long forty in the north half of the northwest of the northeast and the north half of the northeast of the northeast of section 15-18-19, as soon as he has completed his Mahony No. 1 and can move the right to the new location.

Two other locations are waiting in the field, Hunt's Hendricks No. 1 and Vaughn's Mahony No. 2 in the extension area.

Magnolia field activities include three wells drilling, one rigged up and two locations. Hunt's Ezra Garner No. 1, on a long 40-acre tract along the north edge of section 25-17-20 and section 30-17-19, on the range and section line is drilling below 6,300. Standard's L. A. Longino B. 2, southeast southwest, section 19-17-19, is drilling below 5,200; the same company's A. W. Gunnels C-1, southeast northeast of section 20-17-19, is drilling below second string set to 2,166. Southwood has rigged up on Couch No. 2 on a long 40, south half of southwest southwest and south half southeast southwest of section 23-17-20.

Two locations are waiting. They are Standard's Merritt No. 3, south half of the northwest of the southeast of section 16-17-20, northwest edge of the field, and Berkshire Oil Company's H. C. Couch No. 1, on a 30-acre unit in the north part of the southeast of the southeast of section 22-17-20, southwest edge of the field.

New Dorcheat Location.
A new location in the Dorcheat field was announced this week. It is Mid-Continent Petroleum Company's H. T. Dickens No. 1, southwest northwest of section 16-18-22, a west offset to Atlantic's Pinewood Lumber Company No. 2, and southwest edge of the field, which is 12 miles southwest of Mag-