Special to the Gazette. 1922 Searcy, May 7.—A new oil company has been organized in Searcy, and drilling is to begin within a short time near Sidon, 10 miles from Searcy. Eight thousand acres of leases are owned by the company, which filed articles of incorporation Friday with County Clerk G. O. Yingling. The leases were sold in 1904, when a well was drilled at this place to a depth of 1,626 feet, plugged every 50 feet and abandoned. The leases were allowed to forfeit, but were re-leased recently, and will not be deliv-ered until oil is found, and will be for-feited if the drill lies idle as long as 90 days consecutively. Home people are financing the new enterprise, stock having been sold only to the extent of \$10,000. The company is known as the \$10,000. The company is known as the White County Oil Company, and has elected the following officers: J. M. Jones, chairman; J. E. Lightle, secretary-treasurer; F. O. White, J. B. Lightle and J. M. Jones, directors. J. M. Jones is in charge of the drilling. He has had 12 years' experience in oil fields of Louisiana, Kansas and Texas. The drill has been bought in Little Rock and is expected to be shipped within a

## PLANNING A LEST WELL

Oklahoma Men to Drill Between Little Rock and Hot Springs.

Special to the Gazette.

Bald Knob, Aug. 17.—Gaume & Maxwell of Nowata, Okla., have bought the string of cable tools and arilling the test equipment used in drilling the test well here by the Bald Knob Construction Company for use in their test well, eight miles northeast of Hot Springs, on the road to Little Rock. Mr. Gaume says other tools being

shipped from El Dorado and Tulsa be added to the equipment bought here.

Mr. Gaume says his equipment will be sufficient to sink a test well 4,500 feet, but that he expects to strike oil before that depth is reached.

Gaume & Maxwell are drilling test well at Macedonia in Columbia

### Scft Shale Reached in Test Well Near Kensett.

Special to the Gazette.

Kensett, Feb. 15.—Work of progressing on drilling the oil test well at Letonia, a few miles north of here on the Missouri and North Arkansas railway by the Letonia Oil Company. and is now down about 1,600 feet. The drill has gone through about 90 feet of soft shale and the drillers are op-

## Station Site for Trans-State Gas Line Purchased.

Special to the Gazette.

Kensett, Feb. 15.—Ten acres have been purchased two miles south of here near West Point, and work has started on the construction of a pumping station, to be located there for the natural gas pipe line from Monroe (La.) gas fields to St. Louis. It will represent an expenditure of about \$30,000,000, and about \$2,000,000 of this amount will be spent in Arkansas for labor. The line will serve many towns in Arkansas that are along the line. in Arkansas that are along the line. The gas line is expected to be ready for service in about 18 months.

# Gas Line Preliminary Work Is Progressing

Searcy, March 11.—(Special.)—
Work of securing leases for the right of way for the proposed gas line, to be laid from Louisiana to St. Louis, is progressing rapidly. With the exception of a few small gaps, leases have been obtained as far as West Point. Two crews of men are now working in White county, one in the vicinity of West Point and the other in the vicinity of Judsonia.

H. V. Digby, with headquarters at

H. V. Digby, with headquarters at the Hotel Mayfair, is in charge of the lease and right of way department. J. F. Watkins of Searcy, formerly of West Point, is assisting Mr. Digby. The company has bought ten acres of land from Otho Walker at West Point or which to least a West Point on which to locate a pumping and distributing station, from which nearby towns and communities may be served.

By Ralph A. Hull.

Samples encountere with the large 11 miles northwest of Searcy, drilling crews, working night and day, unostentatiously are giving daily evidence of a belief that a new gas field has been found in Arkansas and that there is a possibility of oil in the same field.

The drillers are sinking a test well for the Letona Syndicate, a wildcat concern with scarcely a dozen men interested in it financially, which already has spent, an audit of its books shows, more than \$100,000 in its Letona experiment and whose trustees believe the well is nearing the point where either gas in large quantities, or call will be found. where either gas in large quantities, or oil, will be found.

line to Little Rock, some 50 miles long, will be laid with a view to furnishing that city with industrial gas.

Natural gas from a White county field,
Mr. Garcelon said, could be furnished more cheaply than from the more distant fields now producing, and he sur-mised that a cheap industrial gas de-livered in Little Rock would mean much in the industrial development of

the capital city.

The well was started, Mr. Garcelon said, upon the advice of successful geologists. The log of the well, which is painstakingly kept, has borne out the geological reports, except for minor differences, and corresponds, the syndicate's records show, with the logs of producing wells in the Clarksville tield which also are in the Atoka formation. Logs of the Clarksville wells were the capital city.

Residents of Letona Section
Optimistic Over Prevailing
Conditions.

By Ralph A. Hull.

By Ralph A. Hull.

Staff Correspondent of the Gazette.!
Letona, Aug. 24.—In this little village 11 miles northwest of Searcy.
drilling crews, working night and day, unostentatiously are giving daily evi-

The Letona well is being drilled in the town, although leases are owned on land entirely surrounding it and extending to the top of the dome which is believed to be the center of the immediate gas bearing formation. The well was located on the lower ground. Well was located on the lower ground. Were discovered the well would be a voicano instead of a well-behaved gas producer.

The letona well is being drilled in the statement of II. In the statement of II.

volcano instead of a producer.

Residents of Letona and vicinity accept the well as a producer and the possible new gas field as an established fact, but are not demonstrative. Outside interest has been manifested chiefly by oil and gas companies which have bought up all the leases and to build up cities and fortunes, has escaped the notice of the geologists almost entirely.

"This in the face of the fact that the value of refined petroleum in the value of refined petroleum in the value of any of the metals except iron, which it approximately equaled, and was greater than the

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Structure Is Decidedly Favorable for Oil, Says Little Rock Man.

That every geological indication in the White county field is favorable for oil is the statement of H. H. Johnson of Litle Rock. Mr. John-

CAS PRANCHISE AT SEARCY GRANTED

A. P. & L. Company to Furnish Fuel From Louisiana St. Louis Line.

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other three sides. The total displace-ment or throw of this faulting seems to be a continuation of about 626 to 700 feet, with the down throw to the north, as shown by the log of the well on the McClintic farm, south of DeVall's Bluff, this faulting and inclosure hermetically sealing this whole area and preventing the escapement of petroleum therefrom.

Was Once Part of Sea. "It is conceded by all geologists that the low-lying area in southern White county was once a part of great Mediterranean sea, which connected the Gulf of Mexico to the southwest of White county, but during the latter part of the cretaceous, the movement was reversed and the western region was gradually elevated as the area near the Mississippi depressed. This resulted in severing the connection between the gulf and

depth of 3,012 feet.

The gas was found at 2,960 feet, but was cased off and now is coming from between the eight-inch, the six and five eights inch casings installed recently. It is piped to the boiler through a drip of 200 gallons capacity which also acts as a reservoir.

A string of 3,000 feet of 6 5-8 inch was set to permit deeper drilling which

was set to permit deeper drilling which now is in progress and prospects are favorable for a producing well at a lower depth, it is said by the drillers.

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this interior sea. It was therefore in this area that the salt waters lingered the longest before they gradually subsided and passed into the Gulf of Mexico, thus fulfilling all the requirements for the manufacture of the calcareous matter for the impervious

rocks to contain and the marine and vegetable matter in conjunction with salt water to produce petroleum. The necessary pervious reservoir for the accumulation for petroleum was thus formed.

formed.

"The necessary pervious reservoir usually consists of a loose sand though it may be a coarse gravel or a disrupted shale or limestone. It is merely necessary that the rock should contain a considerable amount of voids, The ordinary sand will have from 15 to 35 per cent of voids and the amount of oil contained and the ease with which it is discharged into a well may vary greatly. Porus sand or gravel and heavy gas pressure are condusive to rapid expulsion of oil. Fine sand and low pressure gives steady producing wells of great longevity. The ultimate production of a well would therefore be determined by the depth and extent of the sand, the physical character of the sand, the physical character of the oil and the pressure.

Three Elements Together.

"In every sand, there occurs together, gas, oil, and salt water. The gas invariably occupies the uppermost portion of the sand, the salt water the bottom, with the oil intermediate. The sand usually lies at the same angle or dip as the stratum in which it is contained, so that this fact forms the basis to a great extent of the geologist's work.

fact forms the basis to a great extent of the geologist's work.

"The water horizon in about the same stratographic position as the Cockfield horizon in all this area is affected more or less by the importable sulphur water encountered at this horizon. There are many 'mineral' springs and wells. Some contain a very great amount of hydro-carbon and mineral matter in solution and must be used with great caution. And this is especially true in proximity to favorable structures. This data relates to geochemistry and can be confirmed by any governmental report pertaining to this subject

subject.

"All of these facts are strongly corroborative of the faith of the men now engaged in developing this field. The people owe the duty of encouragement to every legitimate enterprise, and the state the duty of protection against the diminution of the gas pressure, the hazard of offset wells, the flooding by salt water from beneath, flooding by water from upper strata, by careless operators and the duty of protection from the exploitation of the ignorant from dishonest promoters."

