

IN THE STATE OIL & GAS BOARD  
OF THE STATE OF MISSISSIPPI

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DOCKET NO. 134-55-74

ORDER NO. 206-55

IN RE: PETITION OF UNITED GAS PIPE  
LINE COMPANY FOR A SPECIAL FIELD  
RULE OR RULES AFFECTING THE DRILL-  
ING AND COMPLETION OF WELLS IN THAT  
PORTION OF THE JACKSON GAS FIELD TO  
BE USED AS A GAS STORAGE RESERVOIR  
UNDERLYING SECTION 36, T6N, R1E;  
SECTIONS 1, 2, 11, 12, 13 & 14,  
T5N, R1E; SECTIONS 6, 7 & 18, T5N,  
R2E; AND SECTION 31, T6N, R2E, ALL  
IN RANKIN AND HINDS COUNTIES, MISS-  
ISSIPPI.

ORDER

THIS MATTER ~~came~~ <sup>came</sup> on ~~this day~~ to be heard at the regular  
~~September~~ <sup>September</sup>, 1955, meeting of the State Oil & Gas Board in the 2nd  
Floor Auditorium in the Woolfolk State Office Building in Jackson,  
Mississippi, on the Petition of the United Gas Pipe Line Company,  
and the Board, <sup>and the matter was by order of the Board continued by the Board to the regular October 1955</sup> having heard and considered the Petition and evidence  
offered in support thereof, finds and adjudges as follows:

1.

Due and legal notice of the hearing on this Petition was  
issued and published as required by law, and due proofs of publica-  
tion of such notice have been herein filed.

2.

That Petitioner has heretofore filed with this Board, in  
Docket No. 20-55-74, a Petition seeking authority to utilize, as a  
Gas Storage Reservoir, all or any part of the old Jackson Gas Field  
underlying the following sections in Rankin and Hinds Counties:

Section 36, T6N, R1E; Sections  
1, 2, 11, 12, 13 & 14, T5N, R1E;  
Sections 6, 7 & 18, T5N, R2E;  
and Section 31, T6N, R2E.

3.

That thereafter this Board, on February 16, 1955, after  
notice and hearing, entered its Order No. 17-55, in said Docket  
No. 20-55-74, authorizing Petitioner to store gas in the Reservoir

and to rework, recondition, plug, abandon, drill, operate and maintain such wells and additional facilities as may be needed or desirable in connection with the storage of gas in the Storage Reservoir, all to be done in accordance with the particular Statewide Rules and Regulations of the Board as specified in said Order.

4.

That pursuant to the authority granted, Petitioner has proceeded with its efforts to utilize said area as a Gas Storage Reservoir. In the light of conditions encountered and for the protection of the Storage Reservoir, this Board finds, and hereby orders, that if, as and when, drilling might be conducted to formations under 2300 feet below sea level, such drilling should be had and done in conformity with all applicable Statewide Rules and Regulations and in addition thereto, the following:

Rule 1. Drilling and completing.

- (a) Surface casing shall be set and cemented at a point 850' below the surface of the ground to protect fresh water sand. Sufficient cement shall be used to fill the annular space back of the casing to the surface of the ground. Before drilling plug, mud shall be displaced with water, and casing tested in accordance with Statewide Rule 11.
- (b) First intermediate casing string shall be set and cemented at a point within 25' of the cap rock (Clayton Formation) but not below cap rock (Clayton Formation). Sufficient cement shall be used to fill the annular space back of the casing to a point 500' above the bottom of the intermediate casing string. Before drilling plug, mud shall be displaced with water and a pump pressure of at least 1000 pounds per square inch shall be applied to said casing string. If, at the end of thirty minutes, the pressure gauge shows a drop of 150 pounds or more, the operator shall be required to take such corrective measures as is necessary so that said casing will hold said pressure for 30 minutes without a drop of more than 150 pounds on the gauge.
- (c) Second intermediate casing string shall be set and cemented at a point at least 200' below the cap rock (Clayton Formation) to protect the gas rock storage reservoir. Sufficient cement shall be used to fill the annular space back of the casing to the base of the first intermediate casing or to a point 500' above the bottom of the second intermediate string, whichever is the lesser. Before drilling plug, mud shall be displaced with

water and a pump pressure of at least 1500 pounds per square inch shall be applied to said casing string. If, at the end of thirty minutes, the pressure gauge shows a drop of 150 pounds or more, the operator shall be required to take such corrective measures as is necessary so that casing will hold said pressure for 30 minutes without a drop of more than 150 pounds on the gauge.

5.

The foregoing rule and regulation is hereby adopted and ordered to be applied to all drilling to a depth below 2300 feet below sea level conducted on or in the following area:

Section 36, T6N, R1E; all of Section 1, the E $\frac{1}{2}$  of Section 2, the East  $\frac{1}{2}$  of Section 11, all of Section 12, the NE $\frac{1}{4}$  of Section 14, and the North half of Section 13, all in T5N, R1E; the W $\frac{1}{2}$  of Section 6, all of Section 7 except the NE $\frac{1}{4}$  thereof, and the North half of Section 18, all in T5N, R2E; and the SW $\frac{1}{4}$  of Section 31, T6N, R2E.

SO ORDERED THIS THE 19st day of October, 1955.

STATE OIL & GAS BOARD OF MISSISSIPPI

BY

  
CHAIRMAN