

FEB 9 1978

STATE OIL AND GAS BOARD
Clyde R. Davis, State Oil & Gas SupervisorBEFORE THE STATE OIL AND GAS BOARD
OF THE STATE OF MISSISSIPPI

DOCKET NO. 31-78

ORDER NO. 37-78ORDER DEFINING GAS POOLS;
ARLINGTON AREA
LINCOLN COUNTY, MISSISSIPPI

This cause this day came on to be heard on the sworn Petition of Victor P. Smith Drilling, Inc., on the process, the evidence, both oral and documentary, and on argument of counsel, and upon said hearing this Board finds that:

1. Due and legal notice of the meeting of this Board for the purpose of considering this Docket and this Petition has been given for the time and in the manner provided by law; that due and proper proofs of said notices are on file with the Board; and that the Board thus has jurisdiction of the subject matter of this Petition and the parties involved with full right to here determine said cause.

2. There has been extensive drilling in, on and around those lands within Lincoln County, Mississippi described as:

TOWNSHIP 5 NORTH, RANGE 6 EAST

Section 1: The Southwest Quarter (SW/4).

Section 2: The Southeast Quarter (SE/4).

Section 11: The North Half (N/2).

Section 12: The Northwest Quarter (NW/4).

This drilling was done principally in the search for oil. As such the drilling was unsuccessful in that no producible oil was discovered. Some of the wells were drilled as deep as into the Tuscaloosa Formation. Some stopped in the Wilcox Formation. Nevertheless, the drilling has revealed extensive geological information; information which makes it feasible and possible to pinpoint the potentially productive sands and to define them.

3. In May of 1971, a predecessor to the present operator completed a gas well on a drilling unit consisting of the North Half (N/2) of Section 11 of the above described land. The same was completed into an undefined pool within the Wilcox Formation.

4. The well remained shut-in and non-productive for more than six (6) years. It still appears to be a low volume producer with quite limited reserves.

5. Nevertheless, there has recently been laid a pipeline to this well and it is now on production. The pool from whence it is producing has not yet been defined by this Board; but it does appear to be a separate and distinct gas pool.

6. Petitioner proposes to designate the gas pool above described as the First Wilcox Gas Pool and to define the same as follows:

That stratum occurring between the depths of 4,165 feet and 4,180 feet on the induction electric log for the well known as the Victor P. Smith, et al - C. L. SMITH WELL NO. 1 located on the North Half (N/2) of Section 11, Township 5 North, Range 6 East, Lincoln County, Mississippi.

7. In the drilling in the area aforesaid, an additional stratum has been located which appears to be productive of gas and which appears to be a clearly distinct pool from the First Wilcox Gas Pool above described. There have, as yet, been no wells completed into that pool, but at least two (2) have been drilled into it and adequately logged so that it can now be seen, identified and defined.

8. Petitioner proposes to designate this additional pool as the Sparta Gas Pool and to define it as follows:

That stratum occurring between the depths of 3,550 feet and 3,558 feet on the induction electric log for the well known as the Cane Corp.-LEVI COOK WELL NO. 1 located in the Northwest Quarter (NW/4) of Section 12 of the above described land.

9. The Board finds that this is a separate and distinct pool and should be so defined.

IT IS, THEREFORE, ORDERED, ADJUDGED AND DECREED that:

(a) Within the Arlington Area of Lincoln County, Mississippi, within the lands described in Paragraph 2 above, there is now a producing gas pool, and

an additional stratum which appears to be a gas pool, which are defined as follows:

(1) The First Wilcox Gas Pool is defined as that stratum occurring between the depths of 4,165 feet and 4,180 feet on the induction electric log for the well known as the Victor P. Smith, et al.-C. L. SMITH WELL NO. 1, located on North Half of Section 11, Township 5 North, Range 6 East.

(2) The Sparta Gas Pool is defined as that stratum occurring between the depth of 3,550 feet and 3,558 feet on the induction electric log of the well known as the Cane Corp.-LEVI COOK WELL NO. 1 located in the Northwest Quarter of Section 12, Township 5 North, Range 6 East.

ORDERED, ADJUDGED AND DECREED this the 18th day of January, 1978.

STATE OIL AND GAS BOARD OF THE
STATE OF MISSISSIPPI

By Del R. Sanchez, Jr.
CHAIRMAN