

BEFORE THE STATE OIL AND GAS BOARD
OF THE STATE OF MISSISSIPPI

DOCKET NO. 42-71-322

ORDER NO. 45-71

ORDER DEFINING THE KIRKLIN FIELD, DEFINING
THE PALUXY GAS POOL UNDERLYING THE SAME,
AND ESTABLISHING FIELD RULES FOR THE KIRKLIN
FIELD, WALTHALL COUNTY, MISSISSIPPI

This Cause this day came on to be heard before this Board on sworn Petition, publication of notice, oral and documentary evidence, and argument of counsel, and having so heard the Board finds:

- a. that due, legal, and sufficient notice of this meeting and hearing of this Docket has been given as prescribed by Statutes and the Rules of this Board, and sufficient proofs of the publications are on file with the Board;
- b. that this Board has full jurisdiction of the subject matter of this Petition and this hearing;
- c. that SOUTHEASTERN EXPLORATION LTD. (1970) has drilled a well in search of oil or gas in the area which is the subject of this Docket to a depth of approximately 13,500 feet; has discovered no oil, whatsoever; but has discovered a stratum lying between 13,254 feet and 13,355 feet on the Electric Log of the said well, which is capable of producing gas. Said well is known as the SOUTHEASTERN EXPLORATION - LACY F. DAVIS NO. 1, and is located on a drilling unit consisting of the East Half of the Southeast Quarter (E/2 SE/4) of Section 11, Township 1 North, Range 11 East;
- d. from the evidence available, it appears as though this is a discovery well, which has discovered a new field and that the field is a gas field. It further appears as though those sections of land hereinafter described or parts thereof, are probably underlain by the Paluxy Gas Pool as hereinafter defined, and that a field recently discovered, which is to be known as the Kirklin Field, ^{Should} ~~be~~ at this time be designated as the area hereinafter described;
- e. from the evidence, it appears, and the Board finds, that the stratum found between 13,254 feet and 13,355 feet on the Electric Log of the said LACY F.

DAVIS WELL NO. 1, and all other strata that can be correlated therewith, is the Paluxy Formation and is productive of gas and should herein be defined as the Paluxy Gas Pool;

f. the Board further finds that the characteristics of the Paluxy Gas Pool indicate that one well properly located on a drilling unit comprised of approximately 640 acres will adequately drain all producible hydrocarbons in said gas pool beneath said land, efficiently and without avoidable waste; that the efficient drainage area of a gas well completed in the Paluxy Gas Pool is at least 640 acres; that a gas well completed in the Paluxy Gas Pool on such a drilling unit at a location no closer than 1,500 feet from the nearest exterior boundary of such drilling unit will efficiently and effectively drain the recoverable gas in, on, and under said unit in said pool without avoidable waste.

IT IS, THEREFORE, ORDERED AND ADJUDGED, that:

1. the area of land that is henceforth to be defined and administered hereby as the Kirklin Field of Walthall County, Mississippi, is all parts underlain by the Paluxy Gas Pool as hereinafter defined, of the Sections described as follows:

TOWNSHIP 1 NORTH, RANGE 11 EAST

Sections: 1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 23, and 24.

TOWNSHIP 1 NORTH, RANGE 12 EAST

Sections: 6, 7, 18, and 19.

TOWNSHIP 2 NORTH, RANGE 11 EAST

Sections: 33, 34, 35, and 36.

Walthall County, Mississippi, and all productive extensions thereof.

2. the Paluxy Gas Pool as used herein shall be construed to mean those strata lying between 13,254 feet and 13,355 feet on the Electric Log of the SOUTH-EASTERN EXPLORATION - LACY F. DAVIS WELL NO. 1, as above described, and all strata that can be correlated therewith.

3. Special Field Rules for the said Kirklin Field are hereby adopted, said Rules being as follows:

RULE 1 - SPACING

a. Every gas well shall be located on a drilling unit consisting of at least 640 acres or a governmental section upon which no other drilling or producible well is located. The governmental section as herein contemplated, may be one-half (1/2) of one numbered section and one-half (1/2) of another numbered section, which are contiguous to each other and either square or rectangular in shape, and which consists of not less than 600 acres nor more than 680 acres. However, units shall never be formed so as to leave island acreage.

b. Every well shall be at least 3,000 feet from every other drilling or producible well.

c. Every well shall be at least 1,500 feet from the boundaries of the drilling unit on which it is located.

RULE 2 - RATABLE TAKE

a. Each person now or hereafter engaged in the business of purchasing oil or gas from owners, operators, or producers in this field, shall purchase the same without discrimination in favor of one owner, operator, or producer, as against another in the same common source of supply in proportion to the allowable specified by this Board; and

b. No owner, operator, or producer of oil or gas shall abuse correlative rights of any other owner, operator, or producer in the common source of supply herein defined by causing unratable withdrawal therefrom, or by causing undue drainage between tracts or units, resulting in one or more owners, operators, or producers, producing or withdrawing more than his or its just and equitable share from the common source, with allowances to be made for deficient wells.

RULE 3 - APPLICABILITY OF STATEWIDE RULES

a. All Rules and Regulations contained in the Statewide Rules as now existing, or as they may from time to time be amended and which are not specifically in conflict with these Special Field Rules for Kirklin Field, are hereby adopted and shall apply to said Kirklin Field.

b. The Board expressly reserves the right after notice and hearing to

alter these rules.

ORDERED AND ADJUDGED, this the 17th day of February, 1971.

STATE OIL AND GAS BOARD OF THE
STATE OF MISSISSIPPI

By Dean P. Hooper
Chairman