

DEC 11 1984

STATE OIL & GAS BOARD

IN THE STATE OIL AND GAS BOARD OF MISSISSIPPI

RE: PETITION OF TUCKER OPERATING COMPANY,  
INC. TO AMEND THE SPECIAL FIELD RULES  
FOR MCKINLEY CREEK FIELD, MONROE  
COUNTY, MISSISSIPPI

DOCKET NO. 358-84-363

ORDER NO. 543-84

O R D E R

THIS DAY this matter came on for hearing before the State Oil and Gas Board on the Petition of Tucker Operating Company, Inc. to amend the Special Field Rules of McKinley Creek Field, such hearing being called for such purpose; and

The Board finding that due, proper and legal notice of the meeting of the Board for the purpose of considering and taking action with respect to such matter was given in the manner and way provided by law and the rules and regulations of the Board; that due, legal and sufficient proofs of publication are on file with the Board; and that the Board has full jurisdiction of the subject matter to hear and determine same; and

WHEREAS, pursuant to said notice given, public hearing was held by said Board in the 14th floor hearing room of the Walter Sillers State Office Building, 550 High Street, Jackson, Mississippi, commencing on November 21, 1984, at which hearing all persons present who desired to be heard on said matter were heard and all testimony and evidence were duly considered by those present at said meeting; and

WHEREAS, the Board has fully considered said matter and the evidence and recommendations made in said hearing and finds as follows:

1. Petitioner recently drilled its Robinson 19-5 Well in the Northwest Quarter (NW 1/4) of Section 19, Township 15 South, Range 18 West, Monroe County, Mississippi and has completed said well as a gas well.

2. The Board finds that said well was completed in a new reservoir, a common accumulation of gas not connected with any reservoir previously defined or produced from McKinley Creek Field. Petitioner has proposed that this new gas pool be called the West Lewis Gas Pool and be defined as follows:

V. The West Lewis Gas Pool in McKinley Creek Field shall be construed to mean that strata of the Mississippian Formation productive of gas in the interval between the electric log depths of 5,270 feet to 5,380 feet in the Tucker Operating Co., Inc. - Robinson 19-5 Well, located 1,844 feet from the north line and 1,081 feet from the west line of Section 19, Township 15 South, Range 18 West, Monroe County, Mississippi, and all productive intervals correlative to and in communication therewith.

3. The characteristics of said West Lewis Gas Pool are such that a well located therein shall be produced on 320 acre spacing, in conformance with the current Special Field Rules for gas pools in McKinley Creek Field.

IT IS, THEREFORE, ORDERED AND ADJUDGED that the Special Field Rules of McKinley Creek Field be and are hereby amended to read as follows:

AMENDED SPECIAL FIELD RULES  
FOR MCKINLEY CREEK FIELD  
MONROE COUNTY, MISSISSIPPI

The McKinley Creek Field, as used herein, is that area consisting of the following described land, to-wit:

The S 1/2 of Section 15; all of Section 16; the NE 1/4 and the S 1/2 of Section 17; the SE 1/4 of Section 18; all of Sections 19, 20, 21, 22, 27 and 28; the N 1/2 and the SE 1/4 of Section 29, and the NE 1/4 of Section 30, all in Township 15 South, Range 18 West, Monroe County, Mississippi,

underlain by the Nevins Gas Pool of the Pennsylvania Formation and the Lewis Gas Pool, the Carter Gas Pool, the Sanders Sand Gas Pool and the West Lewis Gas Pool of the Mississippian Formation, the Devonian Oil Pool of the Devonian Formation, and the Lewis Sand Oil Pool of the Mississippian System, as hereinafter defined, and all productive extensions thereof.

I. The Nevins Gas Pool in the McKinley Creek Field shall be construed to mean those strata of the Pennsylvanian Formation productive of gas in the interval between the electric log depths of 3,450 feet to 3,800 feet in the Ladner, Stewart and Gibraltar Gas Corporation - No. 1 Nevins Well, as indicated on the electric log of said well, and all sands correlative of these strata productive of gas, said well being located 1,974 feet from the east line and 1,614 feet from the north line of Section 20, Township 15 South, Range 18 West, Monroe County, Mississippi.

II. The Lewis Gas Pool in the McKinley Creek Field shall be construed to mean those strata of the Mississippian Formation productive of gas in the interval between the electric log depths of 4,809 feet to 5,050 feet in the Ladner, Stewart and Gibraltar Gas Corporation - No. 1 Nevins Well, as indicated on the electric log of said well, and all sands correlative of these strata productive of gas, said well being located 1,974 feet from the east line and 1,614 feet from the north line of Section 20, Township 15 South, Range 18 West, Monroe County, Mississippi.

III. The Carter Gas Pool in the McKinley Creek Field shall be construed to mean those strata of the Mississippian Formation productive of gas in the interval between the electric log depths of 4,310 feet to 4,450 feet in the Ladner, Stewart and Gibraltar Gas Corporation - No. 1 West, et al. Well, as indicated on the electric log of said well, and all sands correlative of these strata productive of gas, said well being located 1,500 feet from the north line and 1,414 feet from the west line of Section 21, Township 15 South, Range 18 West, Monroe County, Mississippi.

IV. The Sanders Sand Gas Pool of the Mississippian Formation in the McKinley Creek Field shall be construed to mean those strata of the Mississippian Formation productive of gas in the interval between the electric log depths of 4,457 feet to 4,512 feet in the Pruet Production Co. - Thompson Estate 20-4 Well

No. 1, as indicated on the electric log of said well, and all sands correlative of these strata productive of gas, said well being located 660 feet from the north line and 990 feet from the west line of Section 20, Township 15 South, Range 18 West, Monroe County, Mississippi.

V. The West Lewis Gas Pool in McKinley Creek Field shall be construed to mean that strata of the Mississippian Formation productive of gas in the interval between the electric log depths of 5,270 feet to 5,380 feet in the Tucker Operating Co., Inc. - Robinson 19-5 Well, located 1,844 feet from the north line and 1,081 feet from the west line of Section 19, Township 15 South, Range 18 West, Monroe County, Mississippi, and all productive intervals correlative to and in communication therewith.

VI. The characteristics of said Nevins Gas Pool, Lewis Gas Pool, Carter Gas Pool, the Sanders Sand Gas Pool and the West Lewis Gas Pool in said field are such that a well located as hereinafter prescribed and drilled upon a drilling unit containing approximately 320 contiguous surface acres conforming to the requirements of the rules herein contained will efficiently drain and produce the recoverable gas from such units in said pools without avoidable waste.

VII. A. The Devonian Oil Pool is defined as follows:

The Devonian Oil Pool is defined as those strata lying between 5,317 feet and 5,626 feet on the electric log for the Pruet Production Co. - C.P. THOMPSON ESTATE 17-15 Well No. 1 located in Section 17 of Township 15 South, Range 18 West, and all strata correlative thereto.

B. The characteristics of the said Devonian Oil Pool in said field are such that a well located as hereinafter prescribed, and drilled upon a drilling unit containing approximately eighty (80) contiguous surface acres, conforming to the requirements

of the rules herein contained, will effectively drain and produce the recoverable oil from such unit in said pool without avoidable waste.

VIII. A. The Lewis Sand Oil Pool, as used herein, shall be construed to mean those strata of the Mississippian System productive of oil from the depth of 5,410 feet to 5,438 feet in the Pruet Production Co. - Baria & Mason - American Potash & Chemical Corp. 19-14 Well No. 1, as shown by the electrical log thereof, located 660 feet from the south line and 1,410 feet from the west line of Section 19, Township 15 South, Range 18 West, Monroe County, Mississippi, and including those strata productive of oil which can be correlated therewith.

B. The characteristics of the said Lewis Sand Oil Pool in said field are such that a well located as hereinafter prescribed, and drilled upon a drilling unit containing approximately one hundred sixty (160) contiguous surface acres, conforming to the requirements of the Rules herein contained, will effectively drain and produce the recoverable oil from such unit in said pool without avoidable waste.

RULE 1 - SPACING OF GAS WELLS:

Every well drilled as a gas well:

(a) shall be located on a drilling unit consisting of 320 contiguous surface acres, or a governmental half section containing not less than 300 acres or more than 340 acres, upon which no other drilling or producible well is located;

(b) any gas drilling unit not a governmental half section must be completely encompassed by the perimeter of a rectangle 3,735 feet by 5,380 feet. Provided, however, no unit shall be permitted which will create island acreage;

(c) the well shall be located at least 1,980 feet from every other drilling or producible well located in conformity with this rule; and

(d) the well shall be located not less than 990 feet from every exterior boundary of the unit.

RULE 2 - SPACING OF OIL WELLS:

A. Every well drilled as an oil well to the Devonian Oil Pool:

(a) shall be located on a drilling unit consisting of eighty (80) surface contiguous acres, or two governmental quarter-quarter sections containing not less than seventy-two (72) acres or more than eighty-eight (88) acres, upon which no other drilling or producible oil well is located;

(b) any drilling unit not composed of two governmental quarter-quarter sections must be completely encompassed by the perimeter of a rectangle 1,600 feet by 2,725 feet. Provided, however, no unit shall be permitted which will create island acreage;

(c) the well shall be located at least 1,000 feet from every other drilling or producible well located in conformity with this rule; and

(d) the well shall be located at least 500 feet from every exterior boundary of the drilling unit.

B. Every well drilled as an oil well to the Lewis Sand Oil Pool:

(a) shall be located on a drilling unit consisting of a governmental quarter section containing not than 144 acres or more than 176 acres, upon which no other drilling or producible oil well for the same oil pool is located;

(b) the well shall be located at least 1,320 feet from every other drilling or producible oil well for the same oil pool and located in conformity with this rule; and

(c) the well shall be located not less than 660 feet from every exterior boundary of the unit.

RULE 3 - APPLICABILITY OF STATEWIDE RULES:

A. All rules and regulations contained in the Statewide Order No. 201-51, and any amendments thereto, not specifically covered in the foregoing Special Field Rules are hereby adopted and shall apply to said field.

B. The Board expressly reserves the right, after notice and hearing, to alter, amend or repeal any and all of the foregoing rules and regulations.

ORDERED AND ADJUDGED this 28<sup>th</sup> day of November, 1984.

MISSISSIPPI STATE OIL AND GAS BOARD

By: Joe R. Lancha, Jr.