

APR 1 1982

STATE OIL AND GAS BOARD
Robert B. Wilson, Acting Supervisor

THE STATE OIL AND GAS BOARD OF MISSISSIPPI

DOCKET NO. 52-82-468

ORDER NO. 69-82ORDER

This day this cause came on for hearing on the petition of Callon Petroleum Company, of Natchez, Mississippi, requesting the Board to amend the Special Field Rules for the Hooker Field in Lawrence County, Mississippi, and the Board finds that due and legal notice of the meeting of this Board has been given in the manner and time required by law and the Rules and Regulations of this Board and that due and proper proofs of publication are on file with this Board; that the Board has full jurisdiction of the parties and the subject matter, and having heard the evidence presented and arguments of counsel, this Board is of the opinion that said petition should be granted.

The Board finds that petitioner is the owner of certain operating rights and interests in and under a drilling unit described as the E $\frac{1}{2}$ of Section 11 and the W $\frac{1}{2}$ of Section 12, Township 8 North, Range 21 West, Lawrence County, Mississippi, in the Hooker Field, and has recently drilled the Crown Zellerbach No. 1 Well on said unit. Said well was drilled pursuant to a permit dated July 29, 1981, duly issued by this Board, to a depth of 16,030 feet and encountered gas in commercial quantities from the Rodessa Gas Pool. The Board further finds that the Rodessa Gas Pool as encountered in said well is a separate and distinct gas pool in the field, and it is necessary to amend the Special Field Rules for the Hooker Field so as to identify and define the Rodessa Gas Pool.

The Board further finds that further geological studies of the field have revealed that the characteristics of the Rodessa Gas Pool in the Hooker Field are such that a well located 1200 feet from the exterior boundary lines of a unit will efficiently

drain and produce the recoverable gas from units in said pool without avoidable waste and will not drain more than its fair and equitable share of the gas in said pool; and in the interest of conservation of the hydrocarbons underlying said field, it is necessary to amend the Special Field Rules so as to provide for such location of gas wells, as well as providing that a gas well producing from the Rodessa Gas Pool and the Sligo Gas Pool, as defined in the Special Field Rules, shall be located at least 2400 feet from every drilling or producible well from the same pool. The Board further finds that a well so located is capable of producing from productive extensions of the aforementioned gas pools, and that it is necessary to amend the Special Field Rules so as to include all of Sections 6 and 7, Township 8 North, Range 20 West, Lawrence County, Mississippi, for production from the Sligo Gas Pool and the Rodessa Gas Pool.

IT IS, THEREFORE, ORDERED AND ADJUDGED by the State Oil and Gas Board of Mississippi that the Special Field Rules for the Hooker Field in Lawrence County, Mississippi, are hereby amended so as to redefine the field limits of said field, to identify and define the Rodessa Gas Pool in said field, and to provide for spacing of gas wells for the Rodessa and Sligo Gas Pools in said field, said amendments being incorporated in the Special Field Rules attached hereto as Exhibit "A".

ORDERED AND ADJUDGED this 18th day of February, 1982.

STATE OIL AND GAS BOARD OF MISSISSIPPI

By Joe R. Lanchester, Jr.
CHAIRMAN

SPECIAL FIELD RULES
FOR THE HOOKER FIELD
LAWRENCE COUNTY, MISSISSIPPI

A. The Hooker Field, as used herein, is that area consisting of the following described land, to-wit:

The W 1/2 of SE 1/4 of SW 1/4 and the SW 1/4 of SW 1/4, Section 31, Township 9 North, Range 20 West; the S 1/2 of S 1/4 of Section 36, the S 1/2 of S 1/2 of Section 35, the East 3/4ths of SE 1/4 of SE 1/4, Section 34, Township 9 North, Range 20 West; all of Section 6, all of Section 7, Township 8 North, Range 20 West; all of Sections 1 and 2, and the East 120 acres of Section 3; and the East 120 acres of Section 10, all of Sections 11 and 12; the N 1/2 of N 1/2 of Section 13, the N 1/2 of N 1/2 of Section 14, the East 3/4ths of NE 1/4 of NE 1/4, Section 15, all in Township 8 North, Range 21 West; the W 1/2 of NE 1/4 of NW 1/4 and the NW 1/4 of NW 1/4, Section 18, Township 8 North, Range 20 West, Lawrence County, Mississippi,

underlain by the 15,830-Foot Hosston Oil Pool of the Hosston Formation, and the Sligo Gas Pool and the Rodessa Gas Pool, as hereinafter described, and all producible extensions thereof.

B. The Rodessa Gas Pool in the Hooker Field, Lawrence County, Mississippi, shall be construed to mean those strata of the Rodessa Formation productive of gas in the interval between 14,916 feet to 14,944 feet in the Callon Petroleum Company - Crown Zellerbach No. 1 Well located in Section 12, Township 8 North, Range 21 West, Lawrence County, Mississippi, as indicated on the electric log of said well, and all sands and intervals correlative of said strata productive of hydrocarbons.

C. The Sligo Gas Pool in the Hooker Field, Lawrence County, Mississippi, shall be construed to mean those strata of the Sligo Formation productive of gas in the interval between 15,450 feet to 15,495 feet in the Petroleum Corp. of Delaware and Coquina Oil Corp. - Crown Zellerbach No. 1 Well located in Sections 1 and 2, Township 8 North, Range 21 West, Lawrence County, Mississippi, as indicated on the Schlumberger Dual Induction Electric Log of said well, and all sands and intervals correlative of said strata productive of hydrocarbons.

D. The 15,830-Foot Hosston Oil Pool in the Hooker Field shall be construed to mean those strata of the Hosston Formation productive of oil in the interval between 15,830 feet and 15,872 feet in the Petroleum Corp. of Delaware and Coquina Oil Corp. - Crown Zellerbach No. 2 Well located in Section 2, Township 8 North, Range 21 West, Lawrence County, Mississippi, as indicated on the Dual Induction-Laterolog of said well, and all sands and intervals correlative of said strata productive of hydrocarbons.

E. The characteristics of the Rodessa Gas Pool and the Sligo Gas Pool herein defined are such that gas wells located and drilled upon drilling units consisting of approximately 640 acres each conforming to the requirements of the Special Field Rules herein adopted will efficiently drain and produce the recoverable gas in said pools without avoidable waste.

F. The characteristics of the 15,830-Foot Hosston Oil Pool herein defined are such that oil wells located and drilled upon drilling units consisting of 160 contiguous surface acres in the form of a square, as nearly as practicable, and each conforming to the requirements of the spacing rules herein prescribed will efficiently drain and produce the recoverable oil in said pool without avoidable waste.

RULE 1 - SPACING OF OIL WELLS

A. With respect to the 15,830-Foot Hosston Oil Pool, every oil well:

(1) Shall be located on a drilling unit consisting of 160 surface contiguous acres in the form of a square, as nearly as practicable, upon which no other drilling or producible well is located;

(2) The well shall be located at least 1320 feet from

every other drilling or producible well located in conformity with this rule; and

(3) The well shall be located at least 660 feet from every exterior boundary of the unit and no more than 820 feet from at least one of the exterior boundaries of the unit.

RULE 2 - SPACING OF GAS WELLS

A. With respect to the Sligo Gas Pool and the Rodessa Gas Pool, every well:

(1) Shall be located on a drilling unit consisting of (1) 640 contiguous surface acres; or (2) a governmental section containing not less than 600 acres or more than 680 acres; or (3) sixteen (16) contiguous governmental quarter-quarter sections whose total acreage is not less than 600 acres or more than 680 acres. In any case, no well producing from the same pool shall be located on any such unit.

(2) Any gas drilling unit formed under Section A(1) of this rule must be completely encompassed by the perimeter of a rectangle 5580 feet by 6245 feet. Provided, however, no unit shall be permitted which will create island acreage.

(3) The well shall be located at least 2400 feet from every other drilling well or well completed in or producing from the same pool located in conformity with this rule; and

(4) The well shall be located not less than 1200 feet from every exterior boundary of the drilling unit.

RULE 3 - APPLICABILITY OF STATEWIDE RULES:

A. All rules and regulations contained in 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.