

THE STATE OIL AND GAS BOARD OF MISSISSIPPI

DOCKET NO. 186-73-353

ORDER NO. 306-73

ORDER

This day this cause came on to be heard on the petition of Craft Petroleum Company, Inc., of Jackson, Mississippi, requesting the Board to enter its Order making permanent the Temporary Special Field Rules for the Hurricane Lake Field, Lincoln County, Mississippi, and the Board finding that due, proper and legal notice of the hearing of the petition has been given in the manner and form provided by law and the rules and regulations of this Board and that proper proofs of publication of notice are on file with the Board and that the Board has full jurisdiction of the cause and of the parties, and having considered said petition and the evidence taken and introduced at the hearing, and now being fully informed in the premises, this Board is of the opinion that said petition should be granted as hereinafter set forth.

The Board further finds that Temporary Special Field Rules for the Hurricane Lake Field, Lincoln County, Mississippi, were adopted by this Board by Order No. 292-72 dated December 20, 1972, so as to provide 80-acre spacing for production of oil from the Lower Tuscaloosa Oil Pool in said field, which order provided for the review and redetermination of appropriate spacing rules on or before the December, 1973 meeting of this Board.

The Board further finds that at the regular January, 1973 meeting, this Board entered its Order No. 17-73 amending said Temporary Special Field Rules so as to redefine the field limits of said Hurricane Lake Field as defined in Exhibit "A" attached to said petition filed herein.

The Board further finds that at its regular May, 1973 meeting of this Board, Order No. 133-73 was entered amending said

Temporary Special Field Rules for the Hurricane Lake Field so as to define the Lower Tuscaloosa "A" Sand Oil Pool and the Lower Tuscaloosa "B" Sand Oil Pool as separate and distinct oil pools in the Hurricane Lake Field.

The Board further finds that since the adoption of said Temporary Special Field Rules, and amendments thereto, petitioner has drilled additional wells and has conducted extensive testing procedure on the initial well so as to make a further and more complete determination of the area of the Lower Tuscaloosa "A" and "B" Sand Oil Pools occurring in the Hurricane Lake Field that can be drained by one well. The Board further finds, pending submission of interference test data as hereinafter provided, that one well producing from said pools in the Hurricane Lake Field would drain a minimum of 80 acres.

The Board further finds that the Temporary Special Field Rules adopted heretofore by this Board and all amendments thereto are reasonable and fair and are in the interest of conservation of the hydrocarbons underlying the Hurricane Lake Field in the Lower Tuscaloosa "A" Sand Oil Pool and the Lower Tuscaloosa "B" Sand Oil Pool and that therefore said Temporary Special Field Rules should now be made ^{temporary for an additional period of six (6) months} ~~permanent~~ for the location and spacing of wells for production of oil from said oil pools.

IT IS, THEREFORE, HEREBY ORDERED AND ADJUDGED by the State Oil and Gas Board of Mississippi that the Temporary Special Field Rules for the Hurricane Lake Field, Lincoln County, Mississippi, and all amendments thereto, be and they are hereby made ^{temporary} ~~permanent~~ Special Field Rules, and said Special Field Rules shall be as follows, to-wit:

SPECIAL FIELD RULES
FOR THE HURRICANE LAKE FIELD
LINCOLN COUNTY, MISSISSIPPI

The Hurricane Lake Field, as used herein, is that area consisting of the following described lands, to-wit:

Section 4, the E $\frac{1}{2}$ of Section 8, Sections 9 and 10, the N $\frac{1}{2}$ of Section 16, the N $\frac{1}{2}$ of Section 17, and the N $\frac{1}{2}$ and the N $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 15, Township 6 North, Range 6 East, Lincoln County, Mississippi,

underlain by the Lower Tuscaloosa "A" Sand Oil Pool and the Lower Tuscaloosa "B" Sand Oil Pool, as hereinafter defined, and including all productive extensions thereof.

I. The Lower Tuscaloosa "A" Sand Oil Pool in the Hurricane Lake Field shall be construed to mean those strata of the Lower Tuscaloosa Formation productive of oil in the interval between the electric log depths of 10,550 feet to 10,578 feet in the Craft Petroleum Company, Inc. and Lone Star Producing Company - No. 1 Potter Well, and all sands correlative of these strata productive of oil, said well being located 141.5 feet North of the South line and 1811 feet West of the East line of the S $\frac{1}{2}$ of NE $\frac{1}{4}$, Section 9, Township 6 North, Range 6 East, Lincoln County, Mississippi.

II. The Lower Tuscaloosa "B" Sand Oil Pool in the Hurricane Lake Field shall be construed to mean those strata of the Lower Tuscaloosa Formation productive of oil in the interval between the electric log depths of 10,598 feet to 10,615 feet in the Wyatt E. Craft and Lone Star Producing Company - No. 1 J. W. Richardson Well, and all sands correlative of these strata productive of oil, said well being located 403 feet East of the West line and 490 feet North of the South line of the NE $\frac{1}{4}$ of SE $\frac{1}{4}$, Section 9, Township 6 North, Range 6 East, Lincoln County, Mississippi.

III. The characteristics of said Lower Tuscaloosa "A" Sand Oil Pool and the Lower Tuscaloosa "B" Sand Oil Pool in said field

are such that a well located as hereinafter prescribed and drilled upon a drilling unit containing approximately 80 contiguous surface acres conforming to the requirements of the rules herein contained will efficiently drain and produce the recoverable oil from such units in said pools without avoidable waste.

RULE 1 - SPACING OF OIL WELLS:

Every well drilled as an oil well:

- (a) shall be located on a drilling unit consisting of eighty (80) contiguous surface 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 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 1600 feet by 2725 feet. Provided, however, no unit shall be permitted which will create island acreage;
- (c) the well shall be located at least 660 feet from every other drilling or producible well located in conformity with this rule; and
- (d) the well shall be located at least 330 feet from every exterior boundary of the drilling unit.

RULE 2 - APPLICABILITY OF STATEWIDE RULES:

- A. All rules and regulations contained in Statewide Order No. 201-51, and any amendment thereto, not specifically covered by 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.

IT IS FURTHER ORDERED by this Board that the above and foregoing Special Field Rules for the Hurricane Lake Field are hereby adopted for a period of six months and are subject to an order of this Board to be entered at the regular June, 1974 meeting of this Board, upon notice to be given for a hearing at such meeting, to review and redetermine appropriate spacing rules. Prior to said June, 1974, meeting of the Board, Operator shall run proper interference tests in the field as directed by the Board and shall furnish results thereof to this Board.
ORDERED AND ADJUDGED this 19th day of December, 1973.

STATE OIL AND GAS BOARD OF MISSISSIPPI

By Ronald B. Morrison
VICE - CHAIRMAN