

OCT 13 1981

STATE OIL AND GAS BOARD
Clyde R. Davis, State Oil & Gas Supervisor

IN THE STATE OIL AND GAS BOARD OF MISSISSIPPI

RE: PETITION OF HARKINS & COMPANY)
FOR THE ADOPTION OF SPECIAL)
FIELD RULES FOR THE ATHENS)
FIELD, MONROE COUNTY, MIS-)
SISSIPPI, INCLUDING THE DEFI-)
NITION OF THE CARTER SAND GAS)
POOL)

DOCKET NO. 368-81-545

ORDER NO. 467-81

ORDER

THIS DAY this cause came on to be heard by the State Oil and Gas Board of Mississippi on the Petition of Harkins & Company, as amended, requesting the adoption of Special Field Rules for the Athens Field, in Monroe County, Mississippi, including the definition of the Carter Sand Gas Pool of the Mississippian Formation, and finds as follows, to-wit:

1.

That due, proper and legal notice of the meeting of the Board for the purpose of considering and taking action with respect to said matter has been given in the manner and form provided by law and the Rules and Regulations of this Board and that due, legal and sufficient proofs of publication are on file with the Board, and that the Board has jurisdiction of the subject matter to hear and determine same.

2.

That Petitioner is the Operator of the Harkins & Company - W. C. Law 7-6 No. 1 Well, drilled pursuant to Permit No. 809 dated May 21, 1981 and located 1500 feet South from the North line and 1500 feet East from the West line in said Section 7, Township 14 South, Range 18 West, Monroe County, Mississippi. That said well has been tested and is capable of producing gas from the Carter Sand Gas Pool of the Mississippian Formation.

3.

That the Carter Sand Gas Pool of the Mississippian Formation is a separate and distinct gas pool from all other pools encountered in said field and that it is necessary to adopt the Special Field Rules for the Athens Field and to identify and define said gas pool as encountered in the said Harkins & Company - W. C. Law 7-6 No. 1 Well.

4.

That the Athens Field should be defined as that area consisting of the following described land:

The West Half of Section 5, Entire Section 6, Entire Section 7, the West Half of Section 8, Township 14 South, Range 18 West; and the East Half of Section 1, the East Half of Section 12, Township 14 South, Range 19 West, Monroe County, Mississippi.

underlain by the Carter Sand Gas Pool of the Mississippian Formation.

5.

That said pool should be defined as follows:

The Carter Sand Gas Pool of the Mississippian Formation in the Athens Field, as used herein, shall be construed to mean those strata of the Mississippian Formation productive of gas in the interval between the electric log depths of 2830 feet and 2908 feet in the Harkins & Company No. 1 W. C. Law 7-6, as indicated on the electric log of said well, and all sands correlative of these strata productive of gas, said well being located 1500 feet from the North line and 1500 feet from the West line of Section 7, Township 14 South, Range 18 West, Monroe County, Mississippi.

6.

That the presently known characteristics of the Mississippian and the Devonian Formations underlying the hereinabove described

lands show that one well productive from depths down to and including the top 50 feet of the devonian porosity or down to 4500 feet below the surface, whichever is deeper, and properly located on a drilling unit containing 320 contiguous surface acres will adequately drain and produce the hydrocarbons underlying such unit efficiently and without avoidable waste.

IT IS, THEREFORE, ORDERED AND ADJUDGED by the State Oil and Gas Board of Mississippi that to promote conservation of oil and gas, safeguard, protect and enforce the co-equal and correlative rights of owners in the field, to prevent avoidable waste and to prevent the drilling of unnecessary wells, the Special Field Rules for Athens Field, Monroe County, Mississippi, should be and are hereby adopted, including the definition of the Carter Sand Gas Pool of the Mississippian Formation, as set forth above, and the said Special Field Rules, as adopted are attached hereto as Exhibit "A"

ORDERED AND ADJUDGED, this the 17th day of September, 1981.

STATE OIL AND GAS BOARD
OF MISSISSIPPI

BY: Joe R. Lancha, Jr.
CHAIRMAN

SPECIAL FIELD RULES
FOR THE ATHENS FIELD
MONROE COUNTY, MISSISSIPPI

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

The West Half of Section 5, Entire Section 6, Entire Section 7, the West Half of Section 8, Township 14 South, Range 18 West; and the East Half of Section 1, the East Half of Section 12, Township 14 South, Range 19 West, Monroe County, Mississippi.

underlain by the Carter Sand Gas Pool of the Mississippian Formation as hereinafter defined, and all productive extensions thereof.

1.

The Carter Sand Gas Pool of the Mississippian Formation in the Athens Field, shall be construed to mean those strata of the Mississippian Formation productive of gas in the interval between the electric log depths of 2830 feet and 2908 feet in the Harkins & Company No. 1 W. C. Law 7-6 Well, as indicated on the electric log of said well, and all sands correlative of these strata productive of gas, said well being located 1500 feet from the North line and 1500 feet from the West line of Section 7, Township 14 South, Range 18 West, Monroe County, Mississippi.

2.

The characteristics of the Mississippian and Devonian Formations in said field are such that one well productive from depths down to and including the top 50 feet of the Devonian porosity, measured from whatever depth the Devonian porosity may be encountered in said Field, and 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. That the top of the Devonian porosity is encountered at a depth of 3986 feet in the said Harkins & Company No. 1 W. C. Law 7-6 Well, as indicated on the electric log of said Well.

RULE 1 - SPACING OF GAS WELLS:

1. Every well drilled as a gas well to a depth to or above 4500 feet below the surface:

(a) Shall be located on a drilling unit consisting of (1) 320 contiguous surface acres; or (2) a governmental half section containing not less than 300 acres or more than 340 acres; or (3) eight (8) contiguous governmental quarter-quarter sections whose total acreage is not less than 300 or more than 340 acres. In any case no other well producing from the same pool shall be located on any such unit.

(b) Any gas drilling unit formed under section 1 (a) of this rule must be completely encompassed by the perimeter of a rectangle 3735 feet by 5380 feet. Provided, however, no unit shall be permitted which will create island acreage.

(c) The well shall be located at least 1980 feet from every other drilling well or well completed in or producing from the same pool located in conformity with this rule; and

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

2. Every well drilled as a gas well below the depth of 4500 feet below the surface:

(a) 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 other well producing from the same pool shall be located on any such unit.

(b) Any gas drilling unit formed under section 2(a) 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.

(c) The well shall be located at least 3,000 feet from every other drilling well or well completed in or producing from the same pool located in conformity with this rule; and

(d) The well shall be located not less than 1,500 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 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.

104/SFR.1R