

APR 11 1980

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

## IN THE STATE OIL AND GAS BOARD OF MISSISSIPPI

RE: PETITION OF AMERICAN	)	
NATURAL GAS PRODUCTION	)	
COMPANY TO AMEND THE	)	
SPECIAL FIELD RULES FOR THE	)	
HOLIDAY CREEK FIELD, IN	)	DOCKET NO. 55-80-420
JEFFERSON DAVIS AND MARION	)	
COUNTIES, MISSISSIPPI, TO	)	ORDER NO. <u>85-80</u>
DEFINE AND ADD THE HATTON	)	
SAND GAS POOL OF THE	)	
HOSSTON FORMATION.	)	

O R D E R

THIS DAY this cause came on to be heard by the State Oil and Gas Board of Mississippi on the Petition of American Natural Gas Production Company, requesting an amendment to the Special Field Rules for the Holiday Creek Field, in Jefferson Davis and Marion Counties, Mississippi, 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 American Natural Gas Production Company-Hatton Well No. 1-A drilled pursuant

to Permit No. 444 dated May 10, 1979, and located 660 feet South of the North line and 660 feet West of the East line in said Section 35, Township 6 North, Range 18 West, Jefferson Davis County, Mississippi, which was an exception location approved by Order No. 69-79 dated May 3, 1979, in Docket No. 52-79-420. That said well has been tested and is capable of producing gas from the Hatton Sand Gas Pool of the Hosston Formation.

3.

That the Hatton Sand Gas Pool of the Hosston Formation is a separate and distinct gas pool from all other pools encountered in said field, and that it is necessary to Amend the Special Field Rules for the Holiday Creek Field in order to identify and define said gas pool as encountered in the said American Natural Gas Production Company-Hatton Well No. 1-A.

4.

That the said pool should be defined, as follows:

"THE HATTON SAND GAS POOL OF THE HOSSTON FORMATION IN THE HOLIDAY CREEK FIELD shall be construed to mean those strata productive of gas in the interval between the depths of 16,068 feet and 16,082 feet as indicated on the electric log (Dual Induction Laterlog) of the American Natural Gas Production Company-Hatton Well No. 1-A, located in Section 35, Township 6 North, Range 18 West, Jefferson Davis County, Mississippi, and all correlative intervals in communication therewith."

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 Holiday Creek Field, Jefferson Davis and Marion Counties, Mississippi, should be and are hereby amended so as to identify and define the Hatton Sand Gas Pool of the Hosston Formation in said Field, as set forth above, and the said Special Field Rules, as amended, are attached hereto as Exhibit "A".

ORDERED AND ADJUDGED, this the 19th day of March, 1980.

STATE OIL AND GAS BOARD  
OF MISSISSIPPI

BY: Joe R. Sanchez, Jr.  
CHAIRMAN

SPECIAL FIELD RULES  
FOR THE HOLIDAY CREEK FIELD  
JEFFERSON DAVIS AND MARION COUNTIES,  
MISSISSIPPI

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

Sections 1 and 2, Township 5 North Range 18 West; Section 6, Township 5 North, Range 17 West, Marion County, Mississippi; Sections 19, 30, and 31, Township 6 North, Range 17 West; and Sections 23, 24, 25, 26, 35 and 36, Township 6 North, Range 18 West, Jefferson Davis County, Mississippi, underlain by the Diffrient Sand Oil Pool, the Booth Sand Gas Pool, the Harper Sand Gas Pool of the Hosston Formation and the Hatton Sand Gas Pool of the Hosston Formation as hereinafter described, and all producible extensions thereof.

B. The Diffrient Sand Oil Pool in the Holiday Creek Field shall be construed to mean those strata productive of oil in the interval between the depths of 15,936 feet and 15,988 feet as indicated on the electric log of the First Mississippi Corporation, et al - No. 1 Jessie P. Diffrient Well located in Section 36, Township 6 North, Range 18 West, Jefferson Davis County, Mississippi, and all correlative intervals in communication therewith.

C. The Booth Sand Gas Pool of the Hosston Formation in the Holiday Creek Field shall be construed to mean those strata productive of gas in the interval between the depths of 16,308 feet and 16,424 feet as indicated on the electric log of the First Mississippi Corporation, et al - No. 1

Jessie P. Diffrient Well located in Section 36, Township 6 North, Range 18 West, Jefferson Davis County, Mississippi, and all correlative intervals in communication therewith.

D. The Harper Sand Gas Pool of the Hosston Formation in the Holiday Creek Field shall be construed to mean those strata productive of gas in the interval between the depths of 16,070 feet and 16,148 feet as indicated on the electric log of the System Fuels, Inc. - Armstrong Well No. 25-11, located in Section 25, Township 6 North, Range 18 West, Jefferson Davis County, Mississippi, and all correlative intervals in communication therewith.

E. The Hatton Sand Gas Pool of the Hosston Formation in the Holiday Creek Field shall be construed to mean those strata productive of gas in the interval between the depths of 16,068 feet and 16,082 feet as indicated on the electric log (Dual Induction Laterlog) of the American Natural Gas Production Company - Hatton Well No. 1-A, located in Section 35, Township 6 North, Range 18 West, Jefferson Davis County, Mississippi, and all correlative intervals in communication therewith.

F. The characteristics of the gas pools herein defined in said field are such that gas wells located and drilled upon drilling units containing approximately 640 acres each conforming to the requirements of the spacing rules herein prescribed will efficiently drain and produce the recoverable gas in said pool without avoidable waste.

G. The characteristics of the oil pool herein defined in said field are such that oil wells located and drilled upon drilling units consisting of one governmental quarter section containing not less than 144 acres or more than 176 acres 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 Diffrient Sand Oil Pool, every oil well:

- (1) Shall be located on a drilling unit consisting of one governmental quarter section containing not less than 144 acres or more than 176 acres, 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 drilling unit.

RULE 2 - SPACING OF GAS WELLS

A. With respect to the Booth Sand Gas Pool, the Harper Sand Gas Pool and the Hatton Sand Gas Pool of the Hosston Formation, every gas well:

(1) Shall be located on a drilling unit consisting of 640 contiguous surface acres, or a governmental section containing not less than 600 acres or more than 680 acres, upon which no other drilling or producible well is located;

(2) Any gas drilling unit not a governmental section 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 3,000 feet from every other drilling or producible well located in conformity with this rule; and

(4) The well shall be located not less than 1,500 feet from every exterior boundary of the unit.

RULE 3 - APPLICABILITY OF STATEWIDE RULES:

- A. All rules and regulations contained in State-wide 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.