

FEB 3 1987

STATE OIL AND GAS BOARD
A. Richard Henderson, SupervisorBEFORE THE STATE OIL AND GAS BOARD
OF THE STATE OF MISSISSIPPIRE: TRIAD OIL AND GAS COMPANY, INC.
AMENDMENT TO SPECIAL FIELD RULES
FOR THE BOYKIN CHURCH FIELD
SMITH COUNTY, MISSISSIPPI

DOCKET NO. 9-87-334

ORDER NO. 18-87O R D E R

THIS DAY this matter came on for hearing upon the Petition of Triad Oil and Gas Company, Inc., asking that the Special Field Rules for the Boykin Church Field be amended to define the Mooringsport Gas Pool and the 9662 Foot Paluxy Oil Pool, and the Board being fully advised, does find as follows, to-wit:

1.

Proper, due and legal notice for the meeting of this Board to consider this Petition has been given as required by law and the rules of this Board, and due, legal and sufficient proofs of publication of notice are on file with this Board. The Board does further adjudicate that it has full and complete jurisdiction of the subject matter to hear and determine this Petition at this time and place.

2.

Triad Oil and Gas Company, Inc., operator of the Triad-Boykin 21-3 No. 1 Well proposed to recomplete said well in the Mooringsport Gas Pool. The Mooringsport Gas Pool has not been previously defined by this Board and Triad proposed to amend the Special Field Rules for the Boykin Church Field to add the Mooringsport Gas Pool as one of the pools in this field.

3.

Triad proposed to define the Mooringsport Gas Pool

as follows:

MOORINGSPOUT GAS POOL in the Boykin Church Field shall be construed to mean those strata of the Mooringsport Formation productive of gas and other hydrocarbons encountered within the interval between 10,492 feet and 10,840 feet as shown on the Dual Induction/Spherical Focus Log of the Terra Resources, Inc. No. 1 Boykin 21-3 Well (now operated by the Petitioner, Triad Oil and Gas Company) located 500 feet from the North line and 1822 feet from the West line of Section 21, Township 3 North, Range 7 East, Smith County, Mississippi, and all intervals correlative of and in communication therewith.

4.

The XMCO, Inc.-Board of Supervisors 16-10 No. 5 Well has encountered an oil reservoir at the depth of 9662 feet to 9690 feet. Triad proposed to amend the Special Field Rules to define this reservoir as follows:

9662 FOOT PALUXY OIL POOL shall be construed as those strata of the Paluxy Formation productive of oil encountered in the intervals between 9662 feet and 9690 feet on the Dual Induction/SFL/Gamma Ray Log of the XMCO, Inc. No. 5 Board of Supervisors 16-10, Boykin Church Field, located 1322 feet from the East line and 1524 feet from the South line of Section 16, Township 3 North, Range 7 East, and all intervals correlative of said strata productive of oil in the Boykin Church Field.

In order to separate the 9662 Foot Paluxy Oil Pool from the 9660 Foot Paluxy Gas Pool it is necessary to amend the definition of the 9660 Foot Paluxy Gas Pool to read as follows:

9660 FOOT PALUXY OIL POOL in the Boykin Church Field shall be construed to mean those strata of the Paluxy Formation productive of gas and other hydrocarbons encountered in the intervals between 9560 feet and 9670 feet as shown on the Dual Induction Log of the XMCO, Inc.-Board of Supervisors 16-10 No. 2 Well located 1982 feet from the East line and 1989 feet from the South line of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, and all intervals correlative of and in communication therewith.

A copy of the proposed Amended Special Field Rules to include these definitions is set forth in Exhibit "A" attached hereto.

5.

The Mooringsport Gas Pool and the 9662 Foot Paluxy Oil Pool are separate and distinct pools from any other pool in the Boykin Church Field.

6.

Amending these Special Field Rules to define these pools as above requested will promote the development of the said pools, will prevent waste, and will protect the co-equal and correlative rights of all parties.

IT IS, THEREFORE, ORDERED AND ADJUDGED that the Special Field Rules for the Boykin Church Field to include a definition of the Mooringsport Gas Pool and the 9662 Foot Paluxy Oil Pool as above set forth be, and they are hereby amended.

SO ORDERED this the 21st day of January, 1987.

STATE OIL AND GAS BOARD

BY: 
C H A I R M A N

SPECIAL FIELD RULES
FOR THE BOYKIN CHURCH FIELD
SMITH COUNTY, MISSISSIPPI
(AS AMENDED JANUARY, 1987)

A. FIELD AREA:

The Boykin Church Field, as used herein, is that geographical area consisting of the following described lands, to-wit:

- Section 15: All
- Section 16: All
- Section 17: All
- Section 20: All
- Section 21: All
- Section 22: All

Township 3 North, Range 7 East

Smith County, Mississippi

B. POOL DEFINITIONS:

1.1 The Tuscaloosa Gas Pool in the Boykin Church Field shall be construed to mean those strata of the Tuscaloosa Formation productive of gas in the interval between 6,742 feet and 7,652 feet in the Patrick Petroleum Corporation - Board of Supervisors No. 16-11 Well, located 1,316 feet from the North line and 614 feet from the West line of the E-1/2 of the SW-1/4 of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, as indicated on the Electrical Dual Induction Log of said well and all intervals correlative of said strata productive of hydrocarbons.

1.2 The Lower Paluxy 10,100' Gas Pool in the Boykin Church Field shall be construed to mean those strata of the Paluxy Formation productive of gas and other hydrocarbons encountered in the intervals between 10,120 and 10,235 feet as shown on the Dual Induction Log of the X. M. Frascogna - Board of Supervisors - 16-6 Well No. 1 located 1,900 feet from the West line and 2,318 feet from the North line of

Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, and all intervals correlative of and in communication therewith.

1.3 The Lower Paluxy 10,200' Oil Pool in the Boykin Church Field shall be construed to mean those strata of the Paluxy Formation productive of oil and other hydrocarbons encountered in the intervals between 10,162 feet and 10,218 feet as shown on the Dual Induction Log of the X. M. Frascogna - Board of Supervisors 16-10 Well No. 2, located 1,982 feet from the East line and 1,989 feet from the South line of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, and all intervals correlative of and in communication therewith.

1.4 The Lower Paluxy 10,250' Oil Pool in the Boykin Church Field shall be construed to mean those strata of the Paluxy Formation productive of oil and other hydrocarbons encountered in the intervals between 10,236 feet and 10,264 feet as shown on the Dual Induction Log of the X. M. Frascogna - Board of Supervisors 16-10 Well No. 1, located 2,394 feet from the South line and 2,593 feet from the East line of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, and all intervals correlative of and in communication therewith.

1.5 The 10,700' Rodessa Gas Pool in the Boykin Church Field shall be construed to mean those strata of the Rodessa Formation encountered in the interval between 10,712 feet and 10,753 feet as shown on the Dual Induction Log of the X. M. Frascogna - Board of Supervisors 16-10 Well No. 3, located 1,652 feet from the East line and 1,872 feet from the South line of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, and all intervals correlative of and in communication therewith.

1.6 The 10,800' Rodessa Gas Pool in the Boykin Church Field shall be construed to mean those strata of the Rodessa Formation encountered in the interval between 10,762 feet and 10,850 feet as shown on the Dual Induction Log of the XMCO, Inc. - Board of Supervisors 16-10 Well No. 5, located 1,322 feet from the East line and 1,524 feet from the South line of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, and all intervals correlative of and in communication therewith.

1.7 The Rodessa Oil Pool in the Boykin Church Field shall be construed to mean those strata of the Rodessa Formation encountered in the intervals between 10,815 feet and 11,370 feet in the Patrick Petroleum Corporation - Board of Supervisors No. 6-11 Well, located 1,316 feet from the North line and 614 feet from the West line of the E-1/2 of the SW-1/4 of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi as indicated on the Electrical Dual Induction Log of said well and all intervals correlative of said strata productive of hydrocarbons.

1.8 The 10,860' Rodessa Gas Pool in the Boykin Church Field shall be construed to mean those strata of the Rodessa Formation encountered in the interval between 10,858 feet and 10,882 feet in the XMCO, Inc. - BOS-USA 16-13 Well No. 1, located 1,149 149 feet from the South line and 480 feet from the West line of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, as indicated on the Dual Induction Log of said well, and all intervals correlative of said strata productive of hydrocarbons.

1.9 The First Rodessa Gas Pool in the Boykin Church Field shall be construed to mean those strata of the Rodessa Formation productive of gas and other hydrocarbons occurring

between the measured depths of 10,880 feet and 10,930 feet on the microlog of the XMCO, Inc. - U.S.A. 17-9 Well No. 1, said well being located 50 feet from the East line and 850 feet from the South line of Section 17, Township 3 North, Range 7 East, Smith County, Mississippi, and all sands correlative of and in communication with those strata and which are productive of gas and other hydrocarbons.

1.10 The Rodessa Gas Pool in the Boykin Church Field shall be construed to mean those strata of the Rodessa Formation productive of gas encountered in the intervals between 11,016 feet and 11,041 feet in the X. M. Frascogna - Board of Supervisors 16-10 Well, located 2,593 feet from the East line and 2,394 feet from the South line of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, as indicated on the Schlumberger Dual Induction Log of said well and all intervals correlative of said strata productive of hydrocarbons.

1.11 The Basal Rodessa Gas Pool in the Boykin Church Field shall be construed to mean those strata of the Rodessa Formation encountered in the interval between 11,332 feet and 11,362 feet in the XMCO, Inc. - BOS-USA 16-13 Well No. 1, located 1,149 feet from the South line and 480 feet from the West line of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, as indicated on the Dual Induction Log of said well, and all intervals correlative of said strata productive of hydrocarbons.

1.12 The Hosston Oil Pool in the Boykin Church Field shall be construed to mean those strata of the Hosston Formation productive of oil in the interval between 11,930 feet and 12,922 feet in the Patrick Petroleum Corporation - Board of Supervisors No. 16-11 Well, located 1,316 feet from the North

line and 614 feet from the West line of the E-1/2 of the SW-1/4 of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, as indicated on the Electrical Dual Induction Log of said well and all intervals correlative of said strata productive of hydrocarbons.

1.13 The Haynesville Oil Pool in the Boykin Church Field shall be construed to mean those strata of the Haynesville Formation productive of oil in the interval between 15,000 feet and 15,720 feet in the Patrick Petroleum Corporation - Board of Supervisors No. 16-11 Well, located 1,316 feet from the North line and 614 feet from the West line of the E-1/2 of the SW-1/4 of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, as indicated on the electrical Dual Induction Log of said well and all intervals correlative of said strata productive of hydrocarbons.

1.14 The Sligo Oil Pool in the Boykin Church Field shall be construed to mean those strata of the Sligo Formation encountered in the interval between 11,370 feet and 11,930 feet on the Dual Induction Focus Log of the Patrick Petroleum Corporation - Board of Supervisors 16-11 Well, located 1,316 feet from the North line and 614 feet from the West line of the E-1/2 of the SE-1/4 of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, and all intervals correlative of said strata productive of hydrocarbons.

1.15 The Lower Paluxy Oil Pool in the Boykin Church Field shall be construed to mean those strata of the Paluxy Formation productive of oil in the interval between 9,725 feet and 10,000 feet on the Dual Induction Log of the X.

M. Frascogna - Board of Supervisors 16-10 Well No. 1, located 2,593 feet from the East line and 2,394 feet from the South line of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi and all intervals correlative of said strata productive of hydrocarbons.

1.16 The 9660 Foot Paluxy Gas Pool in the Boykin Church Field shall be construed to mean those strata of the Paluxy Formation productive of gas and other hydrocarbons encountered in the intervals between 9,560 feet and 9670 feet as shown on the Dual Induction Log of the XMCO, Inc. - Board of Supervisors 16-10 No. 2 Well located 1,982 feet from the East line and 1,989 feet from the South line of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, and all intervals correlative of and in communication therewith.

1.17 The Basal Paluxy Oil Pool in the Boykin Church Field shall be construed to mean those strata of the Paluxy Formation productive of oil and other hydrocarbons encountered in the intervals between 10,320 feet and 10,483 feet as shown on the Dual Induction Log of the XMCO, Inc. - USA-BOS 17-9 No. 1 Well located 2,590 feet from the West line and 1,850 feet from the South line of Section 17, Township 3 North, Range 7 East, Smith County, Mississippi, and all intervals correlative of and in communication therewith.

1.18 The 9760 Foot Paluxy Oil Pool in the Boykin Church Field shall be construed to mean those strata of the Paluxy Formation productive of oil and other hydrocarbons encountered in the intervals between 9,690 feet and 9,796 feet as shown on the Dual Induction Log of the XMCO, Inc. - Board of Supervisors 16-10 No. 5 Well, located 1322 feet from the East

line and 1,524 feet from the South line of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, and all intervals correlative of and in communication therewith.

1.19 The Mooringsport Gas Pool in the Boykin Church Field shall be construed to mean those strata of the Mooringsport Formation productive of gas and other hydrocarbons encountered within the interval between 10,492 feet and 10,840 feet as shown on the Dual Induction/Spherical Focus Log of the Terra Resources, Inc. No. 1 Boykin 21-3 Well (now operated by the Petitioner, Triad Oil and Gas Company, Inc.), located 500 feet from the North line and 1,822 feet from the West line of Section 21, Township 3 North, Range 7 East, Smith County, Mississippi, and all intervals correlative of and in communication therewith.

1.20 The 9662 Foot Paluxy Oil Pool in the Boykin Church Field shall be construed to mean those strata of the Paluxy Formation productive of oil encountered in the intervals between 9,662 feet and 9,690 feet on the Dual Induction/SFL/Gamma Ray Log of the XMCO, Inc. No. 5 Board of Supervisors 16-10, located 1,322 feet from the East line and 1,524 feet from the South line of Section 16, Township 3 North, Range 7 East, Smith County, Mississippi, and all intervals correlative of said strata productive of oil.

C. RULES

RULE 1 - SPACING OF WELLS:

1.1 As to each well drilled to and productive from the above defined gas pools in the Rodessa and Paluxy Formations:

(a) The well 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) either (8) contiguous governmental quarter-quarter sections whose total acreage is not less than 300 acres 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 2(a) of this rule 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 well or well completed in or producing from the same pool located in conformity with this rule.

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

1.2 As to each well drilled to and productive from the Hosston Oil Pool and the Haynesville Oil Pool:

(a) The well 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 nor 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 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.

1.3 As to each well drilled to and productive from the Lower Paluxy 10,200' Oil Pool, the Lower Paluxy 10,250' Oil Pool, the Rodessa Oil Pool, the Sligo Oil Pool, the Lower Paluxy Oil Pool, the Basal Paluxy Oil Pool and the 9,760-Foot Paluxy Oil Pool:

(a) The well shall be located on a drilling unit consisting of forty (40) surface contiguous acres, or a governmental quarter-quarter section containing not less than thirty-six (36) acres or more than forty-four (44) acres, upon which no other drilling or producible well is located.

(b) A drilling unit not a government quarter-quarter section must be completely encompassed by the perimeter of a rectangle 1,810 feet by 1,445 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

2.1 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 the field.

2.2 The Board expressly reserves the right, after notice and hearing, to alter, amend or repeal any or all of the foregoing Special Field Rules, or to grant exceptions to all or any part thereof.

-END OF SPECIAL FIELD RULES-