

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF ROBERT N. ENFIELD  
FOR SPECIAL POOL RULES, TRES NINOS  
DEVONIAN POOL, CHAVES COUNTY,  
NEW MEXICO

No. 9390

APPLICATION

RECEIVED

APR 29 1988

OIL CONSERVATION DIVISION

Robert N. Enfield hereby makes application for special pool rules for the Tres Ninos Devonian Pool, Chaves County, New Mexico, and in support thereof would show:

1. On March 30, 1988, Applicant completed his E. McCombs Well No. 1, located 1650 feet from the North line and 990 feet from the West line of Section 29, Township 7 South, Range 31 East, N.M.P.M., Chaves County, New Mexico, as a producer in the Devonian formation.

2. The E. McCombs Well No. 1 is the discovery well for a new pool, and should be classified as a gas well.

3. Applicant has filed Forms C-102 and C-109 with the Division, requesting creation of a new pool comprised of the  $W\frac{1}{2}$  of Section 29, with a suggested name of the Tres Ninos Devonian Pool.

4. Under the Division's statewide rules standard spacing and proration units for the pool would be 320 acres in size.

5. Applicant seeks special pool rules for said pool, or for wells completed or recompleted in the Devonian formation within one mile thereof, including the following provisions:

- a. For 160 acre gas well spacing, with a standard unit consisting of a governmental quarter section;

- b. For wells to be located in any quarter-quarter section of the 160 acres dedicated to the well;
- c. For wells to be located not closer than 330 feet to any outer boundary of a spacing and proration unit;
- d. For wells to be no closer than 1320 feet apart;
- e. For administrative approval for non-standard units due to irregularities in the U.S. Public Land surveys; and
- f. For all other pool rules to be in conformance with Division statewide rules.

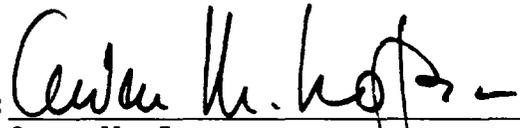
6. The matters urged by Applicant herein are in the interests of conservation, the prevention of waste, and the protection of correlative rights.

7. Applicant requests that this matter be heard at the May 25, 1988 Examiner hearing.

WHEREFORE, applicant requests that, after hearing, an order containing the above requested special pool rules be entered.

Respectfully submitted:

HINKLE, COX, EATON, COFFIELD,  
& HENSLEY

By:   
Owen M. Lopez  
Post Office Box 2068  
Santa Fe, New Mexico 87504-2068  
(505) 982-4554

Attorneys for Applicant

Dated: April 29, 1988

CASE 9390: Application of Robert N. Enfield for pool creation and special pool rules, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new pool for the production of gas from the Devonian formation comprising the W/2 of Section 29, Township 7 South, Range 31 East, and for the promulgation of special rules and regulations for said pool including a provision for 160-acre spacing and proration units and designated well locations. Said area is located approximately 11 miles south by west of Kenna, New Mexico.

CASE 9391: Application of Foran Oil Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Strawn formation underlying the E/2 SE/4 of Section 7, Township 16 South, Range 37 East, forming a standard 80-acre oil spacing and proration unit for the Northeast Lovington-Pennsylvanian Pool, to be dedicated to a well to be drilled at a standard oil well location in the NE/4 SE/4 (Unit I) of said Section 7. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well. Said unit is approximately 4 miles east by south of the junction of U.S. Highway 82 and New Mexico State 18 in Lovington, New Mexico.

CASE 9392: Application of Foran Oil Company for compulsory pooling and non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to either the base of the Morrow formation or to a depth of 13,000 feet, whichever is deeper, underlying the SE/4, E/2 SW/4, and Lots 3 and 4 of Section 30, Township 21 South, Range 35 East, forming a 312.05-acre, more or less, non-standard gas spacing and proration unit for any and all formations and/or pools within said vertical limits developed on 320-acre spacing, and the SE/4 of said Section 30 forming a standard 160-acre gas spacing and proration unit for any and all formations and/or pools within said vertical limits developed on 160-acre gas well spacing, both aforementioned units to be dedicated to a well to be drilled at a standard gas well location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well. Said area is approximately 2.5 miles south of the junction of New Mexico State Road 176 and County Road 32.

CASE 9393: Application of Tenneco Oil Company for exceptions to Rule 2(b) of the special rules governing the Blanco-Mesaverde Pool, infill well findings, and five unorthodox gas well locations, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 2(b) of the special rules and regulations for the Blanco-Mesaverde Pool as promulgated by Division Order No. R-8170, as amended, allowing a third well to be drilled and produced within 16 certain proration units, each well to be drilled within the quarter section that contains the original well in the unit, five of which are unorthodox (as listed below), and for an effective and efficient finding on each well, pursuant to F.E.R.C. Rule 271.305.

1. 1720' FSL & 1610' FWL, Section 28, T30N, R2W
2. 1620' FSL & 1005' FWL, Section 27, T30N, R2W
3. 300' FNL & 1230' FEL, Section 27, T30N, R2W
4. 2160' FNL & 395' FEL, Section 3, T31N, R11W
5. 1125' FNL & 1828' FEL, Section 27, T29N, R2W

CASE 9394: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and extending certain pools in Chaves and Eddy Counties, New Mexico.

(a) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the Sulphate Draw-Wolfcamp Gas Pool. The discovery well is the Enron Oil and Gas Harkey 35 State Well No. 1 located in Unit J of Section 35, Township 24 South, Range 27 East, NMFM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 27 EAST, NMFM  
Section 35: E/2

(b) EXTEND the East Avalon-Bone Spring Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMFM  
Section 11: NW/4

(c) EXTEND the Benson-Bone Spring Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMFM  
Section 11: SE/4

(d) EXTEND the Benson-Strawn Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMFM  
Section 4: E/2

CASE 9376: (Continued from May 11, 1988, Examiner Hearing)

Application of Nearburg Producing Company to amend Division Order No. R-8605 and the assignment of an oil allowable retroactive to April 1, 1988, Lea County, New Mexico. Applicant, in the above-styled cause, seeks to amend Division Order No. R-8605, dated March 8, 1988, by changing the non-standard oil proration unit to include Lots 3 and 4 of Section 19, Township 16 South, Range 37 East, to be dedicated to its Soledad "19M" Well No. 1 located at an unorthodox location 1000 feet from the South and West lines of said Section 19 thereby forming a non-standard oil spacing and proration unit consisting of 100.81 acres. Applicant also seeks the assignment of an oil allowable for said well to be made retroactive to April 1, 1988 based on the new acreage factor. Said well is located approximately 4.25 miles southeast of Lovington, New Mexico.

CASE 9353: (Continued from April 27, 1988, Examiner Hearing)

Application of Read & Stevens, Inc. for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for an unorthodox gas well location 660 feet from the North and East lines (Unit A) of Section 19, Township 19 South, Range 29 East, Undesignated Turkey Track-Morrow Gas Pool or Undesignated West Parkway-Morrow Gas Pool, the E/2 of said Section 19 to be dedicated to said well forming a standard 320-acre gas spacing and proration unit for either pool. Said location is approximately 7.5 miles southeast by east of the old Illinois Camp.

CASE 9366: (Readvertised)

Application of Exxon Corporation for an unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for an unorthodox oil well location 990 feet from the South line and 330 feet from the East line (Unit P) of Section 9, Township 17 South, Range 37 East, Undesignated Shipp-Strawn Pool, the S/2 SE/4 of said Section 9 to be dedicated to the well forming a standard 80-acre oil spacing and proration unit for said pool. Said location is approximately 3.8 miles northwest by north of Humble City, New Mexico.

CASE 9387: Application of Exxon Corporation for an unorthodox gas well location, downhole commingling, hydrocarbon storage authority, and relief from the reporting requirements of Division General Rule 1131, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval to commingle gas production from the Happy Valley-Morrow Gas Pool with the Undesignated Northeast Sheep Draw-Strawn Gas Pool in the wellbore of its Happy Valley "B" Federal Com Well No. 1 located at a previously approved unorthodox gas well location for the Morrow zone (NSL-2152) 1471 feet from the South line and 1908 feet from the West line (Unit K) of Section 28, Township 22 South, Range 26 East. Applicant further requests approval to utilize the Strawn zone in said well for storage of gas from the Morrow zone and an exemption from the reporting requirements of Division General Rule 1131. Said well is located approximately 1 mile northwest by west of the Carlsbad City Dump.CASE 9362: (Continued from April 27, 1988, Examiner Hearing)

Application of Meridian Oil Inc. for the extension of the vertical limits of the Cedar Hill-Fruitland Basal Coal Pool and the concomitant contraction of the Mount Nebo-Fruitland Pool, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the extension of the vertical limits of the Cedar Hill-Fruitland Basal Coal Pool to include any and all coal zones of the Fruitland formation, from approximately 2,579 feet to 2,878 feet, in Sections 3 through 6, Township 31 North, Range 10 West, and Sections 19 through 22 and 27 through 34, Township 37 North, Range 10 West. Applicant also seeks the concomitant contraction of said zones from the Mount Nebo-Fruitland Pool. Said area consists of 16 square miles in the form of a square centered approximately 5.5 miles east by north of Cedar Hill, New Mexico.

CASE 9388: Application of Curtis J. Little Oil and Gas for compulsory pooling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to a depth of approximately 8,300 feet underlying the SE/4 of Section 1, Township 25 North, Range 3 West, to form a standard 160-acre, more or less, gas spacing and proration unit for any and all formations and/or pools within said vertical limits developed on 160-acre spacing to be dedicated to a well to be drilled at a standard gas well location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well. Said unit is located approximately one quarter mile south of the Ojito Post Office.CASE 9389: Application of Robert N. Enfield for compulsory pooling and an unorthodox gas well location, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Devonian formation underlying the NW/4 of Section 29, Township 7 South, Range 31 East, to form a standard 160-acre gas spacing and proration unit for any and all formations and/or pools developed on 160-acre spacing within said vertical limits or the W/2 of said Section 29 to form a standard 320-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical limits, both aforementioned units to be dedicated to its E. McCombs Well No. 1 drilled at an unorthodox gas well location (for a 320-acre dedication) 1650 feet from the North line and 990 feet from the West line (Unit E) of said Section 29. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well. Said units are located approximately 11 miles south by west of Kenna, New Mexico.