

CASE 10267: (Continued from March 21, 1991, Examiner Hearing.)

Application of Pacific Enterprises Oil Company (USA) for compulsory pooling, Lea 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 following described acreage in Section 4, Township 23 South, Range 34 East, and in the following manner: All of said Section 4 forming a 639.52-acre gas spacing and proration unit in the Undesignated North Bell Lake-Devonian Gas Pool which is spaced on 640 acres; Lots 3 and 4, S/2 NW/4 and SW/4 (W/2 equivalent) to form a 320.16-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical extent which includes, but is not necessarily limited to the Undesignated North Antelope Ridge-Wolfcamp Gas Pool, Undesignated Antelope Ridge-Atoka Gas Pool, Undesignated North Bell Lake-Morrow Gas Pool and the Undesignated Antelope Ridge-Morrow Gas Pool; the SW/4 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 extent; and, the NE/4 SW/4 to form a standard 40-acre oil spacing and proration unit for any and all formations and/or pools developed on 40-acre spacing within said vertical extent which presently includes but is not necessarily limited to the Undesignated Northwest Antelope Ridge-Bone Spring Pool. Said units are to be dedicated to a single well to be drilled at a standard location in the NE/4 SW/4 (Unit K) of said Section 4. 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 located approximately 20 miles west-southwest of Eunice, New Mexico.

CASE 10289: Application of BHP Petroleum (Americas) Inc. for amendment of Division Order No. R-9351, Lea County, New Mexico. Division Order No. R-9351 authorized an unorthodox oil well location to test the Strawn formation 1250 feet from the South line and 1725 feet from the East line (Unit O) of Section 20, Township 17 South, Range 37 East, whereby the SW/4 SE/4 of said Section 20 would be dedicated to said well to form a standard 40-acre oil proration unit. At this time the applicant, in the above-styled cause, seeks to deepen its Kimbrough State Well No. 1 to the base of the Devonian formation and to amend said Order No. R-9351 to include all formations from the base of the Strawn formation to the base of the Devonian formation in the provisions set forth in said Order. Said well is located approximately 3.5 miles west-northwest of Humble City, New Mexico.

CASE 10290: Application of Avon Energy Corporation for amendment of Division Order Nos. R-3185, R-3185-A and R-3528 to expand the vertical limits and to establish an injection pressure limitation for the Turner "B" Lease Waterflood Project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an amendment to Division Order No. R-3185, R-3185-A, and R-3528 to expand the vertical limits and to establish an injection pressure limitation for the Turner "B" Lease Waterflood Project to 450 psi above the formation parting pressure as determined from step-rate tests for four (4) certain injection wells in the entire Grayburg-San Andres formation of the Grayburg-Jackson Pool within the project area being all or parts of Sections 17, 20, 29, and 30 of Township 17 South, Range 31 East. Said project area is located approximately 4.5 miles east of Loco Hills, New Mexico.

CASE 10291: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and assigning discovery allowables to certain pools in Lea County, New Mexico.

- (a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated the South Shoe Bar-Wolfcamp Pool. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
Section 1: NE/4

In addition, the discovery well for said South Shoe Bar-Wolfcamp Pool, the Mobil Exploration and Producing US Inc. Lovington Deep State Well No. 3 located in Unit G of Section 1, Township 17 South, Range 35 East, NMPM, is entitled to and should receive a bonus discovery allowable in the amount of 51,240 barrels of oil to be assigned over a two year period.

- (b) Assign a bonus discovery allowable of 37,930 barrels of oil to the Mitchell Energy Corporation Geronimo Federal Well No. 1 located in Unit D of Section 31, Township 19 South, Range 33 East, NMPM, the discovery well for the Geronimo-Delaware Pool. This discovery allowable is to be assigned over a two-year period.

**CASE 10286:** Application of American Hunter Exploration, Ltd. for a high angle/horizontal directional drilling pilot project, special operating rules therefor, and two non-standard oil proration units, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks authority to initiate a high angle/horizontal directional drilling pilot project in Sections 4 and 6, Township 27 North, Range 1 West, forming two non-standard oil spacing and proration units for said pool comprising 651.76 acres and 620.97 acres, respectively. Within each proration unit the applicant proposes to commence from surface unorthodox oil well locations (Section 4: 330 feet from the North and East lines and Section 6: 450 feet from the North line and 400 feet from the East line), drill vertically to a depth of 7500 feet, plug back to an appropriate depth and kick-off in a westerly direction, build angle to approximately 80 degrees, and continue to drill a high angle hole in the Mancos formation for approximately 2000 feet. Applicant further requests that special operating provisions be established for said project area including the designation of a prescribed area limiting the horizontal extent of each wellbore in each proration unit to the following described target windows: Section 4: 330 to 1830 feet from the North line and 330 to 2830 feet from the East line; and, Section 6: 330 to 1950 feet from the North line and 400 to 2900 feet from the East line. Said area is located approximately 24 miles south of Dulce, New Mexico.

**CASE 10273:** (Continued from March 21, 1991, Examiner Hearing.)

Application of Jack A. Cole for designation of a tight formation, San Juan, Rio Arriba, and Sandoval Counties, New Mexico. Applicant, in the above-styled cause, seeks the designation of the Gallup formation underlying portions of Townships 23 and 24 North, Ranges 6, 7, and 8 West, containing 81,920 acres, more or less, as a "Tight Formation" pursuant to Section 107 of the Natural Gas Policy Act of 1978 and 18 C.F.R. Section 271.701-705. Said area surrounds the Lybrook and Counselor, New Mexico region.

**CASE 10269:** (Readvertised)

Application of Marathon Oil Company for a waterflood project and 12 unorthodox injection well locations, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project on its McDonald State A/C 2 Lease underlying the W/2 of Section 15 and the E/2, SE/4 NW/4, and SW/4 of Section 16, Township 22 South, Range 36 East, by the injection of water into the South Eunice Seven Rivers-Queen Pool, through the perforated interval from approximately 3500 feet to 3850 feet in 12 injection wells, each to be drilled at unorthodox locations (three of which could be considered as Lease line injection wells). Further, the applicant seeks authorization to inject water under pressure in said project in excess of the NMOCD guideline of 0.2 psi per foot of depth. Said project area is located approximately seven miles south of Oil Center, New Mexico.

**CASE 10287:** Application of BTA Oil Producers for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Shinnery-Queen Pool, in the open hole and perforated interval from approximately 3,972 feet to 4,285 feet in its existing Cinco de Mayo Federal Well No. 3 located 990 feet from the North and West lines (Unit D) of Section 24, Township 18 South, Range 32 East. Said well is located approximately 8.5 miles south by east of Maljamar, New Mexico.

**CASE 6580:** (Reopened)

Application of Conoco Inc. for amendment of Division Order No. R-6157 and Division Administrative Order PMX-153, Maljamar Carbon Dioxide Injection Project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks to reopen Division Case No. 6580 concerning its previously approved Carbon Dioxide Injection Pilot Project and to amend Order No. R-6157 and Administrative Order PMX-153 to authorize, retroactively, the injection of recycled produced hydrocarbon gases, CO<sub>2</sub>, and water into the Maljamar Grayburg-San Andres Pool in order to continue the effective and efficient operation of the MCA Pressure Maintenance Project and the economic recovery of oil production from the reservoir.

**CASE 10288:** Application of Phillips Petroleum Company for a pressure maintenance project and a special oil producing allowable therein, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pressure maintenance project on its James "A" State Lease underlying Lots 1 through 4, S/2 N/2, N/2 SW/4, SE/4 SW/4, and SE/4 of Section 2, Township 22 South, Range 30 East, by the injection of water into the Cabin Lake-Delaware Pool, through a perforated interval from approximately 5600 feet to 7400 feet in a well to be drilled 1250 feet from the South line and 1150 feet from the East line (Unit P) of said Section 2. Applicant further seeks a special oil producing allowable whereby any well in the project area could produce its ability and would not be subject to the depth bracket allowable for said pool. Said project area is located approximately 2.2 miles east of Carlsbad, New Mexico.

CASE 10303:

Application of BASF Corporation for amendment of Division Order No. R-9255, as amended by Order No. R-9255-A, to provide for a horizontal drilling pilot project, special operating rules therefor, a non-standard oil proration unit, and an unorthodox oil well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks to amend Division Order No. R-9255, as amended by R-9255-A, to form a new 160-acre non-standard oil spacing and proration unit for its horizontal directional drilling pilot project comprising the N/2 SW/4, SW/4 SW/4, and NW/4 SE/4 of Section 28, Township 31 North, Range 14 West, as projected into the unsurveyed Ute Mountain Indian Reservation. The applicant proposes to utilize its existing Ute Mt. Tribal "28" Well No. 14 located at an unorthodox surface location 1284 feet from the South line and 1112 feet from the West line (Unit M) of said Section 28, kick-off from vertical at a depth of approximately 4,435 feet in a northeasterly direction. Applicant further seeks special rules and provisions within the pilot project area including the designation of a prescribed area limiting the horizontal displacement of the wellbore such that its productive interval can be no closer than 50 feet to the outer boundary of its assigned spacing and proration unit and special allowable provisions for the corresponding sized oil proration unit. Said project area is located approximately 12 miles northwest by north of Farmington, New Mexico.

(Continued from April 18, 1991, Examiner Hearing.)

In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and assigning discovery allowables to certain pools in Lea County, New Mexico.

- (a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated the South Shoe Bar-Wolfcamp Pool. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
Section 1: NE/4

In addition, the discovery well for said South Shoe Bar-Wolfcamp Pool, the Mobil Exploration and Producing US Inc. Lovington Deep State Well No. 3 located in Unit G of Section 1, Township 17 South, Range 35 East, NMPM, is entitled to and should receive a bonus discovery allowable in the amount of 51,240 barrels of oil to be assigned over a two year period.

- (b) Assign a bonus discovery allowable of 37,930 barrels of oil to the Mitchell Energy Corporation Geronimo Federal Well No. 1 located in Unit D of Section 31, Township 19 South, Range 33 East, NMPM, the discovery well for the Geronimo-Delaware Pool. This discovery allowable is to be assigned over a two-year period.

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DOCKET 13-91

DOCKET: COMMISSION HEARING - THURSDAY - MAY 9, 1991

9:00 A.M. - MORGAN HALL, STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO

(The Land Commissioner's designee for this hearing will be Jami Bailey)

CASE 10251:

(De Novo)

Application of Kaiser-Francis Oil Company for a pool creation, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new pool for the production of gas from the Delaware formation comprising the SE/4 of Section 8, Township 21 South, Range 26 East. Said area is located approximately 7 miles northwest of Carlsbad, New Mexico. Upon application of Kaiser-Francis Oil Company this case will be heard De Novo pursuant to the provisions of Rule 1220.

**CASE 10300:** Application of American Hunter Exploration, Ltd. for a high angle/horizontal/ directional drilling pilot project, special operating rules therefor, and a non-standard oil proration unit, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks the formation of a 640-acre non-standard oil spacing and proration unit in the East Puerto Chiquito-Mancos Oil Pool comprising all of Section 6, Township 27 North, Range 1 East, for the purpose of initiating a high angle/horizontal directional drilling pilot project. The applicant proposes to commence its Jicarilla 6-A Well No. 1 to be located at a standard oil well location 660 feet from the North line and 700 feet from the East line (Unit A) of said Section 6, drill vertically to a depth of approximately 2850 feet, evaluate the pay zone, plug-back to an appropriate depth and kick-off in a westerly direction, build angle to approximately 80 degrees, and continue to drill a high angle hole in the Mancos formation for approximately 2000 feet. Applicant further requests that special operating provisions be established for said project area including the designation of a prescribed area limiting the horizontal extent of said wellbore to a target window described as a rectangle 330 to 2160 feet from the North line and 700 to 3200 feet from the East line of said Section 6. Also to be considered will be special allowable provisions for a quadruple sized oil proration unit for this pool. Said unit is located approximately 22.5 miles south of Monero, New Mexico.

**CASE 10301:** Application of American Hunter Exploration, Ltd. for a high angle/horizontal/ directional drilling pilot project, special operating rules therefor, and a non-standard oil proration unit, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks the formation of a 640-acre non-standard oil spacing and proration unit in the East Puerto Chiquito-Mancos Oil Pool comprising all of Section 18, Township 27 North, Range 1 East, for the purpose of initiating a high angle/horizontal directional drilling pilot project. The applicant proposes to commence its Jicarilla 18-A Well No. 1 to be located at a standard oil well location 660 feet from the North line and 750 feet from the East line (Unit A) of said Section 18, drill vertically to a depth of approximately 3650 feet, evaluate the pay zone, plug-back to an appropriate depth and kick-off in a westerly direction, build angle to approximately 80 degrees, and continue to drill a high angle hole in the Mancos formation for approximately 2000 feet. Applicant further requests that special operating provisions be established for said project area including the designation of a prescribed area limiting the horizontal extent of said wellbore to a target window described as a rectangle 330 to 2160 feet from the North line and 750 to 3250 feet from the East line of said Section 18. Also to be considered will be special allowable provisions for a quadruple sized oil proration unit for this pool. Said unit is located approximately 24.5 miles south of Monero, New Mexico.

**CASE 10302:** Application of American Hunter Exploration, Ltd. for a high angle/horizontal directional drilling pilot project, special operating rules therefor, and an unorthodox oil well location, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks to initiate a high angle/horizontal directional drilling pilot project within a standard 645.28-acre oil spacing and proration unit in the West Puerto Chiquito-Mancos Oil Pool comprising all of Section 2, Township 27 North, Range 1 West. The applicant proposes to commence its Jicarilla 2A Well No. 1 to be located at an unorthodox oil well location 600 feet from the North line and 1150 feet from the East line (Unit A) of said Section 2, drill vertically to a depth of approximately 4550 feet, evaluate the pay zone, plug back to an appropriate depth and kick-off in a westerly direction, build angle to approximately 80 degrees, and continue to drill a high angle hole in the Mancos formation for approximately 2000 feet. Applicant further requests that special operating provisions be established for said project area including the designation of a prescribed area limiting the horizontal extent of said wellbore to a target window described as a rectangle 330 to 2100 feet from the North line and 1150 to 3650 feet from the East line of said Section 2. Said unit is located approximately 24 miles south by east of Dulce, New Mexico.

**CASE 10286:** (Readvertised)

Application of American Hunter Exploration, Ltd. for a high angle/horizontal directional drilling pilot project, special operating rules therefor, two non-standard oil proration units, and two unorthodox oil well locations, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks authority to initiate a high angle/horizontal directional drilling pilot project in Sections 4 and 6, Township 27 North, Range 1 West, forming two non-standard oil spacing and proration units in the West Puerto Chiquito-Mancos Oil Pool comprising 651.76 acres and 620.97 acres, respectively. Within each proration unit the applicant proposes to commence from surface unorthodox oil well locations (Section 4: 330 feet from the North and East lines and Section 6: 450 feet from the North line and 400 feet from the East line), drill vertically to a depth of 7500 feet, plug back to an appropriate depth and kick-off in a westerly direction, build angle to approximately 80 degrees, and continue to drill a high angle hole in the Mancos formation for approximately 2000 feet. Applicant further requests that special operating provisions be established for said project area including the designation of a prescribed area limiting the horizontal extent of each wellbore in each proration unit to the following described target windows: Section 4: 330 to 1830 feet from the North line and 330 to 2830 feet from the East line; and Section 6: 330 to 1950 feet from the North line and 400 to 2900 feet from the East line. Said area is located approximately 24 miles south of Dulce, New Mexico.

CASE 10311: Application of Tahoe Energy, Inc. for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Cisco formation of the Saunders-Permo Upper Pennsylvanian Pool, in the open hole interval from approximately 10,077 feet to 10,165 feet in its Red Dog Well No. 1 located 1650 feet from the South line and 1980 feet from the East line (Unit J) of Section 2, Township 14 South, Range 33 East. Said well is located approximately 19.5 miles south-southeast of Caprock, New Mexico.

CASE 10312: Application of Yates Petroleum Corporation for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Delaware formation in the perforated interval from approximately 4500 feet to 5670 feet in its David Ross "AIT" Federal Well No. 1 located 1980 feet from the North line and 660 feet from the East line (Unit H) of Section 35, Township 22 South, Range 31 East, Undesignated Livingston Ridge-Delaware Pool. Said location is approximately 6.5 miles north of New Mexico State Highway No. 128 at milepost No. 16.

CASE 10313: Application of BWA Oil and Gas for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pitchfork Ranch-Strawn Pool underlying the SW/4 NE/4 (Unit G) of Section 34, Township 24 South, Range 34 East, forming a standard 40-acre oil spacing and proration unit for said pool, said unit to be dedicated to its existing Moore "34" Com Well No. 1 located 1980 feet from the North and East lines of said Section 34, which was plugged and abandoned in January 1988 and was re-entered on March 30, 1990. Also to be considered will be the cost of re-entering and recompleting 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 the re-entering and recompletion of said well. Said unit is located approximately 16 miles west by north of Jal, New Mexico.

~~SECRET~~ (Continued from May 2, 1991, Examiner Hearing.)

In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and assigning discovery allowables to certain pools in Lea County, New Mexico.

- (a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated the South Shoe Bar-Wolfcamp Pool. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
Section 1: NE/4

In addition, the discovery well for said South Shoe Bar-Wolfcamp Pool, the Mobil Exploration and Producing US Inc. Lovington Deep State Well No. 3 located in Unit G of Section 1, Township 17 South, Range 35 East, NMPM, is entitled to and should receive a bonus discovery allowable in the amount of 51,240 barrels of oil to be assigned over a two year period.

- (b) Assign a bonus discovery allowable of 37,930 barrels of oil to the Mitchell Energy Corporation Geronimo Federal Well No. 1 located in Unit D of Section 31, Township 19 South, Range 33 East, NMPM, the discovery well for the Geronimo-Delaware Pool. This discovery allowable is to be assigned over a two-year period.

**CASE 10332:** Application of Veteran Exploration Inc. for a non-standard oil proration unit, a high angle/horizontal wellbore that exceeds the set-back requirements for the San Isidro (Shallow) unit area, and simultaneous dedication, Sandoval County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 7 of the Special Operating Rules and Regulations for the San Isidro (Shallow) Unit, as promulgated by Division Order No. R-9330, authorizing the formation of a non-standard 617.79-acre oil spacing and proration unit comprising Lots 3 and 4, S/2 NW/4, and SW/4 (W/2 equivalent) of Section 6 and the W/2 of Section 7, both in Township 20 North, Range 2 West, Rio Puerco-Mancos Oil Pool, said unit to be simultaneously dedicated to a high angle/horizontal well to be drilled from a standard surface location 660 feet from the North line and 1452 feet from the West line (Unit C) of said Section 7 and to its existing Johnson 7 Well No. 11 located at a standard location 2074 feet from the South line and 1650 feet from the West line (Unit K) of said Section 7. The applicant further requests an exception to Special Rule 8(2) allowing for a larger drilling window for the proposed horizontal wellbore such that the wellbore can be no closer than 528 feet to the outer boundary of said proration unit. Said unit is located approximately 7.5 miles west-southwest of Cuba, New Mexico.

**CASE 10313:** (Continued from May 30, 1991, Examiner Hearing.)

Application of BWA Oil and Gas for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pitchfork Ranch-Strawn Pool underlying the SW/4 NE/4 (Unit G) of Section 34, Township 24 South, Range 34 East, forming a standard 40-acre oil spacing and proration unit for said pool, said unit to be dedicated to its existing Moore "34" Com Well No. 1 located 1980 feet from the North and East lines of said Section 34, which was plugged and abandoned in January 1988 and was re-entered on March 30, 1990. Also to be considered will be the cost of re-entering and recompleting 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 the re-entering and recompletion of said well. Said unit is located approximately 16 miles west by north of Jal, New Mexico.

~~CASE 10332:~~ (Reopened and Readvertised.)

In the matter of the hearing called by the Oil Conservation Division on its own motion to consider:

The creation of the following pool in Lea County:

South Shoe Bar-Wolfcamp Pool in Township  
17 South, Range 35 East, the discovery well  
to be assigned a discovery allowable of 51,240  
barrels of oil to be made retroactive to the  
date of completion is said pool, January 26, 1991.

The assignment of a discovery allowable of 37,930 barrels of oil to the discovery well for the Geronimo-Delaware Pool in Lea County.

**CASE 10333:** In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and extending certain existing pools in Lea County, New Mexico:

- (a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the Baum-Wolfcamp Pool. The discovery well is the Petroleum Production Management Inc. State 19 Well No. 1 located in Unit I of Section 19, Township 13 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM  
Section 19: SE/4

- (b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Delaware production and designated as the North Bell Lake-Delaware Pool. The discovery well is the Ray Westall Federal 30 Well No. 1 located in Unit G of Section 30, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM  
Section 30: NE/4

- (c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Delaware production and designated as the Diamondtail-Delaware Pool. The discovery well is the Strate Production Company Urraca Federal Well No. 1 located in Unit N of Section 11, Township 23 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 32 EAST, NMPM

Section 11: SW/4

- (d) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Blinebry production and designated as the House-Blinebry Pool. The discovery well is the Seay Exploration Inc. House Well No. 1 located in Unit D of Section 13, Township 20 South, Range 38 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM

Section 13: NW/4

- (e) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Seven Rivers production and designated as the West Pearl-Seven Rivers Pool. The discovery well is the Hondo Oil & Gas Company West Pearl Federal Well No. 1 located in Unit L of Section 27, Township 19 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM

Section 27: SW/4

- (f) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Upper Pennsylvanian production and designated as the East Red Tank-Cisco Canyon Gas Pool. The discovery well is the Mercury Exploration Company Connally Federal Well No. 1 located in Unit J of Section 15, Township 22 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 32 EAST, NMPM

Section 15: S/2

- (g) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for San Andres production and designated as the North Young-San Andres Pool. The discovery well is the Meridian Oil Inc. Mitchell 16 State Well No. 3 located in Unit G of Section 16, Township 18 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM

Section 16: NE/4

- (h) EXTEND the Bilbrey-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM

Section 31: E/2

Section 34: N/2

- (i) EXTEND the Brinninstool-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 33 EAST, NMPM

Section 2: SW/4

Section 10: NE/4

Section 11: NW/4

- (j) EXTEND the Buffalo-Yates Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM

Section 36: SE/4

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM

Section 1: NE/4

- (k) EXTEND the South Corbin-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM

Section 5: S/2

Section 7: SW/4