

CASE 10273: 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 10274: Application of Maralex Resources, Inc. for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Basin-Fruitland Coal Gas Pool underlying Lots 1 and 2, NE/4 and E/2 NW/4 (N/2 equivalent) of Section 18, Township 30 North, Range 11 West, forming a standard 326.01-acre gas spacing and proration unit for said pool. Said well is to be dedicated to either the existing B.H. Keyes and M.N. Keys Trust Brimhall Well No. 1 to be recompleted up-hole from the Aztec-Pictured Cliffs Pool to said coal gas zone located at a standard coal gas well location 990 feet from the North and East lines (Unit A) of said Section 18 or, if said Brimwell Well No. 1 is not found to be mechanically sound, to a new well to be drilled at a standard coal gas well location in the NE/4 of Said Section 18. 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 1.5 miles south of the Aztec, New Mexico Municipal Airport.

CASE 10275: Application of Maralex Resources, Inc. for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Basin-Fruitland Coal Gas Pool underlying Lots 1 and 2, NE/4, E/2 NW/4 of Section 19, Township 30 North, Range 11 West, forming a standard 327.10-acre gas spacing and proration unit for said pool. Said well is to be dedicated to a well to be drilled at a standard coal gas well location in the NE/4 of said Section 19. 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 2.5 miles south of the Aztec, New Mexico Municipal Airport.

CASE 10276: Application of Maralex Resources, Inc. for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Basin-Fruitland Coal Gas Pool underlying the E/2 of Section 24, Township 30 North, Range 12 West, forming a standard 320-acre gas spacing and proration unit for said pool. Said well is to be dedicated to a well to be drilled at a standard coal gas well location in the NE/4 of said Section 24. 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 2 miles east of Flora Vista, New Mexico.

CASE 10233: (Continued from March 7, 1991, Examiner Hearing.)

Application of Mobil Exploration & Producing Company for approval of salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the South Vacuum Devonian Pool, in the open hole interval from approximately 11,800 feet to 13,970 feet in its State Section 27 Well No. 1 located 660 feet from the North line and 1983 feet from the East line (Unit B) of Section 27, Township 18 South, Range 35 East. Said well is located approximately 5 miles east of the old Hobbs Army Air Corps Auxiliary Airfield No. 4.

CASE 9582: (Reopened and Continued)

In the matter of Case 9582 being reopened pursuant to the provisions of Division Order No. R-8872, which order promulgated special rules and regulations for the Hat Mesa-Bone Spring Pool in Lea County, New Mexico, including provisions for 80-acre spacing and proration units and designated well location requirements. Operators in said pool may appear and show cause why the temporary rules for the Hat Mesa-Bone Spring Pool should not be rescinded.

CASE 10277: In the matter of the hearing called by Oil Conservation Division on its own motion for an order creating, assigning a discovery allowable and extending certain pools in Lea County, New Mexico.

- (a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Queen production and designated as the Buffalo-Queen Pool. In addition, the discovery well for said Buffalo-Queen Pool, the Harvey E. Yates Company Atlantic 32 State Well No. 1 located in Unit C of Section 32, Township 18 South, Range 33 East, is entitled to and should receive a bonus discovery allowable in the amount of 22,100 barrels of oil to be assigned over a two year period. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
Section 32: NW/4

- (b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Tubb production and designated as the South Fowler-Tubb Pool. The discovery well is the Chevron USA Inc. Plains Knight Well No. 2 located in Unit M of Section 23, Township 24 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
Section 23: SW/4

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

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

- (d) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Grayburg production and designated as the Young-Grayburg Pool. The discovery well is the Siete Oil & Gas Corporation Inca Federal Well No. 8 located in Unit F of Section 17, Township 18 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
Section 17: NW/4

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

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM
Section 27: S/2

- (f) EXTEND the South Corbin-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
Section 19: SE/4

- (g) EXTEND the West Corbin-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
Section 12: SE/4

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

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
Section 26: SW/4
Section 27: SE/4

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

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
Section 8: NW/4

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 31: SW/4

- (k) EXTEND the East Gem-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 14: E/2

- (l) EXTEND the East Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
Section 27: E/2

- (m) EXTEND the Lane-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
Section 36: NW/4

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

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM
Section 17: S/2

- (o) EXTEND the Pitchfork Ranch-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 34 EAST, NMPM
Section 6: S/2

- (p) EXTEND the Quail Ridge-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM
Section 3: SW/4

EXAMINER HEARING - THURSDAY - APRIL 18, 1991

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, CO₂, 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 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.