

**CASE 10512:** Application of Phillips Petroleum Company for three unorthodox oil well locations, Lea County, New Mexico. Applicant in the above-styled cause, seeks exception to RULE 4 of the Special Rules and Regulations for the Four Lakes-Pennsylvanian Pool, as promulgated by Division Order No. R-2326, for three unorthodox oil well locations each to be drilled within a fifty foot radius of the following described sites all within its South Four Lakes Unit which is located approximately 10 miles west-northwest of Tatum, New Mexico:

- . 2200' FSL & 1980' FEL (Unit J) of Section 2, Township 12 South, Range 34 East, the 80 acres comprising the N/2 SE/4 is to be dedicated to said well;
- . 1250' FSL & 2450' FWL (Unit N) of Section 35, Township 11 South, Range 34 East, the 80 acres comprising the E/2 SW/4 is to be dedicated to said well; and,
- . 2200' FNL & 2150' FWL (Unit C) of Section 2, Township 12 South, Range 34 East, the 80.11 acres comprising Lot 2 and the SE/4 NW/4 is to be dedicated to said well.

**CASE 10513:** Application of Hanley Petroleum Inc. for determination of reasonable well costs, Lea County, New Mexico. Applicant, in the above-styled cause, as a working interest owner in the Santa Fe Energy Operating Partners, L.P. Kachina "S" Federal Well No. 2 located 1830 feet from the North line and 660 feet from the West line (Unit E) of Section 8, Township 18 South, Range 33 East, South Corbin-Wolfcamp Pool, which was drilled pursuant to the compulsory pooling provisions of Division Order Nos. R-9480, R-9480-A, and R-9480-B, all entered in Case Nos. 10211 and 10219, and to which is dedicated the W/2 NW/4 (Units D and E) of said Section 8, seeks an order ascertaining the reasonableness of actual well costs for the subject well. Said unit is located approximately 7.5 miles southeast by south of Maljamar, New Mexico.

**CASE 10514:** Application of Enron Oil and Gas Company 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 Morrow formation underlying the following described acreage in Section 1, Township 25 South, Range 33 East, and in the following manner: Lots 1 through 4 and the S/2 N/2 (N/2 equivalent) forming a standard 319.64-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre gas spacing within said vertical extent, which presently includes, but is not necessarily limited to the Undesignated Vaca Draw-Wolfcamp Gas Pool, Undesignated West Pitchfork Ranch-Wolfcamp Gas Pool, Undesignated Pitchfork Ranch-Atoka Gas Pool, Undesignated West Pitchfork Ranch-Atoka Gas Pool, Undesignated Vaca Draw-Morrow Gas Pool and Undesignated Pitchfork Ranch-Morrow Gas Pool; and, the NW/4 forming a standard 159.73-acre gas spacing and proration unit for any and all formations and/or pools developed on 160-acre gas spacing within said vertical extent. Said units are to be dedicated to a single 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 the operator of the well and a charge for risk involved in drilling said well. Said area is located approximately 20 miles west by north of Jal, New Mexico.

**CASE 10515:** Application of Texaco Exploration and Production, Inc. for statutory unitization, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order unitizing, for the purpose of establishing a secondary recovery project, all mineral interests in the Vacuum-Glorieta Pool, underlying 2778.86 acres, more or less, of state and fee lands comprising portions of Townships 17 and 18 South, Ranges 34 and 35 East. Said unit is to be designated the Vacuum Glorieta West Unit. Among the matters to be considered at the hearing will be the necessity of unit operations; the designation of a unit operator; the determination of horizontal and vertical limits of the unit area; the determination of the fair, reasonable and equitable allocation of production and costs of production, including capital investment, to each of the various tracts in the unit area; the determination of credits and charges to be made among the various owners in the unit area for their investment in wells and equipment; and such other matters as may be necessary and appropriate for carrying on efficient unit operations; including but not limited to, unit voting procedures, selection, removal or substitution of unit operator, and time of commencement and termination of unit operations. Applicant also requests that any such order issued in this case include a provision for carrying any non-consenting working interest owner within the unit area upon such terms and conditions to be determined by the Division as just and reasonable. Said unit area surrounds Buckeye, New Mexico.

**CASE 10516:** Application of Texaco Exploration and Production, Inc. for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project on its proposed Vacuum Glorieta West Unit Area (Division Case No. 10515) located in portions of Townships 17 and 18 South, Ranges 34 and 35 East, by the injection of water into the Vacuum-Glorieta Pool through one well to be converted from a producing oil well and fifty-nine proposed new injection wells to be drilled. Said project area surrounds Buckeye, New Mexico.

ts Nos. 23-92 and 24-92 are tentatively set for August 6, 1992 and August 20, 1992. Applications for hearing must be filed at least 10 days in advance of hearing date.

**DOCKET: EXAMINER HEARING - THURSDAY - JULY 23, 1992**

**8:15 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM, STATE LAND OFFICE BUILDING,  
SANTA FE, NEW MEXICO**

**The following cases will be heard before David R. Catanach, Examiner or Michael E. Stogner, Alternate Examiner:**

**CASE 10509:** **Application of Barber Oil, Inc. for a unit agreement, Eddy County, New Mexico.** Applicant, in the above-styled cause, seeks approval of the Barber Unit Agreement for an area comprising 2080.00 acres, more or less, of State, Federal and Fee lands within the Undesignated and designated Barber-Yates Pool in portions of Sections 16, 17, 18, 19, 20, 21 and 30, Township 20 South, Range 30 East, which is approximately 17.5 miles south of Loco Hills, New Mexico.

**CASE 10329:** **(Reopened)**

In the matter of Case 10329 being reopened pursuant to the provisions of Division Order No. R-9554, which order promulgated temporary special rules and regulations for the Cedar Lake-Strawn Pool in Eddy 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 special rules and regulations for the Cedar Lake-Strawn Pool should not be rescinded and said pool not be developed on 40-acre spacing units.

**CASE 10486:** **(Continued from June 25, 1992, Examiner Hearing.)**

**Application of Meridian Oil Inc. for a high angle/horizontal directional drilling pilot project, special operating rules therefor, a non-standard oil proration unit, a special project oil allowable, and special GOR assignment, San Juan County, New Mexico.** Applicant, in the above-styled cause, seeks to initiate a high angle/horizontal directional drilling pilot project in an area that includes all of Section 20, Township 30 North, Range 15 West, Undesignated Horseshoe-Gallup Oil Pool. Within said area the applicant seeks to dedicate up to 320 acres to a horizontal well to be drilled from an unorthodox surface oil well location in the SE/4 SW/4 (Unit N) of said Section 20. Special rules and provisions would be promulgated for the area including the designation of a prescribed area limiting the horizontal displacement of the producing interval of the wellbore, special allowable considerations, and the adoption of a special gas/oil ratio of 4500 to 1. Said pilot project area is located approximately 4.75 miles northwest by north of Fruitland, New Mexico.

**CASE 10510:** **Application of Meridian Oil Inc. for downhole commingling and for an administrative downhole commingling procedure within the Huerfano Sand Unit Area, San Juan County, New Mexico.** Applicant, in the above-styled cause, seeks approval to commingle gas production from the Undesignated Gallegos-Gallup Associated Pool and the Basin-Dakota Pool within the wellbore of its Huerfano Unit Well No. 131 located 800 feet from the North line and 990 feet from the West line (Unit D) of Section 34, Township 26 North, Range 10 West. The N/2 of said Section 34, forming a standard 320-acre spacing and proration unit for both zones, is to be dedicated to said well. Further, the applicant seeks the adoption of an administrative procedure for authorizing the downhole commingling of Gallup and Dakota production in the wellbores of existing and subsequently drilled wells within the Huerfano Unit Area located in portions of Townships 25, 26 and 27 North, Ranges 9, 10 and 11 West. Said unit is located approximately 15 miles northwest by north of Nageezi, New Mexico.

**CASE 10511:** **Application of Mitchell Energy Corporation for an unorthodox gas well location and for non-standard proration units, Lea County, New Mexico.** Applicant, in the above-styled cause, seeks authorization to drill a well 1980 feet from the North line and 660 feet from the West line (Unit E) of Section 18, Township 19 South, Range 32 East, to test for production in the Undesignated Lusk-Strawn Pool, the Undesignated Lusk-Atoka Gas Pool, and the Lusk-Morrow Gas Pool, said location being unorthodox for the Atoka and Morrow gas zones. The applicant further seeks approval to develop the Strawn interval on a non-standard 121.61-acre oil spacing and proration unit comprising Lots 1 and 2 (W/2 NW/4 equivalent) and the NE 4/ NW/4 of said Section 18 and to develop both the Atoka and Morrow interval on non-standard 281.61-acre gas spacing and proration units comprising Lots 1 and 2 (W/2 NW/4 equivalent), the NE/4 and NE/4 NW/4 of said Section 18. Said area is approximately 13.5 miles south by west of Maljamar, New Mexico.

the top of the Wolfcamp formation to the base of the Morrow formation which are spaced on 320-acre spacing, Lots 1 through 4 and the S/2 N/2 (N/2 equivalent) of said Section 2 are to be dedicated to said well forming a standard 321.08-acre gas spacing and proration unit. Further, the applicant seeks an exception to Division General Rule 104.C(2) to allow the N/2 equivalent of said Section 2 to be simultaneously dedicated in the Penasco Draw-Permo Pennsylvanian Gas Pool to the proposed well and to the existing Irish Hills "KW" State Well No. 2 located at a standard gas well location 1980 feet from the North and East lines (Unit G) of said Section 2. Said unit is located approximately 11.5 miles west by south at Seven Rivers, New Mexico.

**CASE 10544:** **Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico.** Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location 660 feet from the North and West lines (Unit D) of Section 23, Township 22 South, Range 23 East, to test all formations and/or pools from the top of the Wolfcamp formation to the base of the Morrow formation which are spaced on 320-acre spacing (this presently excludes the Undesignated Indian Basin-Upper Pennsylvanian Gas Pool which is spaced on 640-acre units), the N/2 of said Section 23 to be dedicated to said well forming a standard 320-acre gas spacing and proration unit. Said unit is located approximately 6 miles south of the Marathon Oil Company's Indian Basin Gas Plant.

**CASE 10529:** (Continued from August 20, 1992)

**Application of Pogo Producing Company for an unorthodox gas well location, Lea County, New Mexico.** Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location 660 feet from the North line and 1650 feet from the East line (Unit B) of Section 34, Township 22 South, Range 32 East, to test the Morrow formation, the N/2 of said Section 34 to be dedicated to said well forming a standard 320-acre gas spacing and proration unit. The proposed well site is located approximately 8.75 miles north-northeast of New Mexico State Highway No. 128 at the Lea/Eddy County Line.

**CASE 10530:** (Continued from August 20, 1992, Examiner Hearing)

**Application of Charles B. Gillespie, Jr. for pool creation and special pool rules, Lea County, New Mexico.** Applicant, in the above-styled cause, seeks the creation of a new pool for the production of oil from the Strawn formation comprising the W/2 SE/4 of Section 33, Township 15 South, Range 35 East, the assignment of a discovery allowable, and the promulgation of special rules therefor including provisions for 80-acre spacing units and designated well location requirements. Said area is located approximately 3.5 miles northwest of Lovington, New Mexico.

**CASE 10545:** **Application of Phillips Petroleum Company for an unorthodox gas well location, Lea County, New Mexico.** Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location to be drilled within a fifty-foot radius of a point 2300 feet from the North line and 330 feet from the West line (Unit E) of Section 1, Township 12 South, Range 34 East, South Four Lakes Unit, Four Lakes-Devonian Gas Pool. Lots 3 and 4 and the S/2 NW/4 (NW/4 equivalent) of said Section 1 is to be dedicated to said well forming a standard 160-06-acre gas spacing and proration unit. Said unit is located approximately 10 miles west-northwest of Tatum, New Mexico.

**CASE 10546:** **Application of Phillips Petroleum Company for an unorthodox gas well location and for simultaneous dedication, Lea County, New Mexico.** Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location to be drilled within a fifty-foot radius of a point 2450 feet from the North line and 960 feet from the East line (Unit H) of Section 2, Township 12 South, Range 34 East, South Four Lakes Unit, Four Lakes-Devonian Gas Pool. Further, the applicant seeks an exception to Division General Rule 104.C(2) to allow the existing 160.14-acre gas spacing and proration unit comprising Lots 1 and 2 and the S/2 NE/4 (NE/4 equivalent) of said Section 2 to be simultaneously dedicated in the Four Lakes-Devonian Gas Pool to the proposed well and to the South Four Lakes Unit Well No. 8 located at a standard gas well location 660 feet from the North line and 990 feet from the East line (Unit A) of said Section 2. Said unit is located approximately 10 miles west-northwest of Tatum, New Mexico.

**READVERTISED** (Readvertised)

**Application of Phillips Petroleum Company for directional drilling and three unorthodox oil well locations, Lea County, New Mexico.** Applicant, in the above-styled cause, seeks an exception to RULE 4 of the Special Rules and Regulations for the Four Lakes-Pennsylvanian Pool, as promulgated by Division Order No. R-2326, for three unorthodox oil well locations (one which will be directionally drilled to an unorthodox bottomhole location) all within its South Four Lakes Unit which is located approximately 10 miles west-northwest of Tatum, New Mexico:

- 1250' FSL & 2450' FWL (Unit N) of Section 35, Township 11 South, Range 34 East, the 80 acres comprising the E/2 SW/4 is to be dedicated to said well;
- 2200' FNL & 2150' FWL (Unit F) of Section 2, Township 12 South, Range 34 East, the 80.11 acres comprising Lot 2 and the SE/4 NW/4 is to be dedicated to said well; and,

from a surface location 2050' FSL & 1980' FEL to be drilled directionally to an unorthodox bottomhole location within a 50-foot radius of a point 2200 feet from the South line and 1980 feet from the East line, all in Unit J of Section 2, Township 12 South, Range 34 East, the 80 acres comprising the N/2 SE/4 is to be dedicated to said well.

**CASE 10502:** (Continued from August 20, 1992, Examiner Hearing.)

**Application of Meridian Oil Inc. 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 Delaware formation or to a depth of 8700 feet, whichever is deeper, underlying the NW/4 NW/4 (Unit D) of Section 23, Township 22 South, Range 32 East, forming a standard 40-acre oil spacing and proration unit within said vertical extent. Said unit is to be dedicated to a well to be drilled at a standard 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 the operator of the well and a charge for risk involved in drilling said well. Said unit is located approximately 6.25 miles north-northwest of the junction of State Highway No. 128 and the Delaware Basin Road.

**CASE 10503:** (Continued from August 20, 1992, Examiner Hearing.)

**Application of Meridian Oil Inc. 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 Delaware formation or to a depth of 8700 feet, whichever is deeper, underlying the SW/4 NW/4 (Unit E) of Section 23, Township 22 South, Range 32 East, forming a standard 40-acre oil spacing and proration unit within said vertical extent. Said unit is to be dedicated to a well to be drilled at a standard 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 the operator of the well and a charge for risk involved in drilling said well. Said unit is located approximately 6 miles north-northwest of the junction of State Highway No. 128 and the Delaware Basin Road.

**CASE 10504:** (Continued from August 20, 1992, Examiner Hearing.)

**Application of Meridian Oil Inc. 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 Delaware formation or to a depth of 8700 feet, whichever is deeper, underlying the NW/4 SW/4 (Unit L) of Section 24, Township 22 South, Range 32 East, forming a standard 40-acre oil spacing and proration unit within said vertical extent. Said unit is to be dedicated to a well to be drilled at a standard 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 the operator of the well and a charge for risk involved in drilling said well. Said unit is located approximately 5.5 miles north by west of the junction of State Highway No. 128 and the Delaware Basin Road.

**CASE 10547:** **Application of Benson-Montin-Greer Drilling Corporation for a high angle/horizontal directional drilling pilot project, 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 640-acre oil spacing and proration unit in the West Puerto Chiquito-Mancos Oil Pool comprising all of Section 9, Township 27 North, Range 1 West. The applicant proposes to drill vertically from a well to be located on the surface at an unorthodox surface oil well location 1050 feet from the North line and 2300 feet from the West line (Unit C) of said Section 9 to a depth sufficient to penetrate the base of the Mesaverde formation and kick-off in a southerly direction, build angle and continue to drill horizontally in the Mancos formation. The applicant proposes to keep the horizontal displacement of said well's producing interval within the allowed 1650 foot offsetting provisions for said pool, pursuant to the Special Rules and Regulations for the West Puerto Chiquito-Mancos Oil Pool, as promulgated by Division Order No. R-6469-B, as amended. Said unit is located approximately 26 miles north of Regina, New Mexico.

**CASE 10548:** **Application of Benson-Montin-Greer Drilling Corporation for a high angle/horizontal directional drilling pilot project, 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 640-acre oil spacing and proration unit in the West Puerto Chiquito-Mancos Oil Pool comprising all of Section 10, Township 27 North, Range 1 West. The applicant proposes to drill vertically from a well to be located on the surface at a standard oil well location 2060 feet from the South line and 2130 feet from the West line (Unit K) of said Section 10 to a depth sufficient to penetrate the base of the Mesaverde formation at which point the applicant will select the proper direction for a lateral extension in the pool. The applicant proposes to keep the horizontal displacement of said well's producing interval within the allowed 1650 foot offsetting provisions for said pool, pursuant to the Special Rules and Regulations for the West Puerto Chiquito-Mancos Oil Pool, as promulgated by Division Order No. R-6469-B, as amended. Said unit is located approximately 26 miles north of Regina, New Mexico.