

Dockets Nos. 5-85 and 6-85 are tentatively set for February 13 and February 27, 1985. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - JANUARY 30, 1985

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

The following cases will be heard before Michael E. Stogner, Examiner, or Gilbert P. Quintana, Alternate Examiner:

- CASE 8457: Application of Amerind 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 W/2 NE/4 of Section 28, Township 16 South, Range 37 East, 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 operator of the well and a charge for risk involved in drilling said well.
- CASE 8458: Application of Amerind 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 NE/4 of Section 28, Township 16 South, Range 37 East, 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 operator of the well and a charge for risk involved in drilling said well.
- CASE 8459: Application of John Yuronka for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to 7400 feet underlying Lot 13 (Unit M) of Section 6, Township 21 South, Range 38 East, 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 operator of the well and a charge for risk involved in drilling said well.
- CASE 8460: Application of John Yuronka for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to 7400 feet underlying Lot 12 (Unit L) of Section 6, Township 21 South, Range 38 East, 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 operator of the well and a charge for risk involved in drilling said well.
- CASE 8461: Application of Alpha Twenty-One Production 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 Grayburg formation underlying the SE/4 NE/4 of Section 32, Township 18 South, Range 37 East, 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 operator of the well and a charge for risk involved in drilling said well.
- CASE 8462: Application of Alpha Twenty-One Production Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres formation in the perforated interval from approximately 3700 feet to 4000 feet in the existing Sun Exploration and Production Company Gregory "A" Well No. 3 located 660 feet from the North and West lines (Unit D) of Section 33, Township 25 South, Range 37 East.
- CASE 8463: Application of David Fasken for termination of prorationing in the Burton Flat-Morrow Gas Pool, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order terminating prorationing in the Burton Flat-Morrow Gas Pool located in portions of Townships 20 and 21 South, Ranges 26, 27, and 28 East, and to also cancel all cumulative over-production and under-production within said pool.

- CASE 8464: Application of Mobil Producing Texas & New Mexico, Inc. for infill findings, Lea County, New Mexico. Applicant, in the above-styled cause, seeks a determination that infill drilling of all proration units in the North Vacuum Abo Pool located in portions of Townships 16 and 17 South, Ranges 34 and 35 East, is necessary to effectively and efficiently drain these proration units.
- CASE 8465: Application of Bison Petroleum Corporation for an unorthodox oil well location, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox oil well location 1980 feet from the North line and 1200 feet from the West line of Section 34, Township 13 South, Range 30 East, NMPM, Southeast Chaves Queen Gas Area Associated Pool, the SW/4 NW/4 (Unit E) of said Section 34 to be dedicated to the well.
- CASE 8466: Application of El Paso Natural Gas Company for an unorthodox gas well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox infill gas well location 1180 feet from the North line and 2440 feet from the East line of Section 9, Township 32 North, Range 7 West, NMPM, Blanco Mesaverde Pool, the previously approved 376.88-acre non-standard proration unit comprising the SE/4, E/2 SW/4 and Lots 1, 2, and 3 of said Section 9 and Lots 3 and 4 and the NW/4 SW/4 of Section 10, Township 32 North, Range 7 West, to be dedicated to the well.
- CASE 8467: Application of Gulf Oil Corporation for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Jalmat Gas Pool and Langlie Mattix Pool production in the wellbore of its C. D. Woolworth Well No. 7 located 1980 feet from the South and East lines (Unit J) of Section 30, Township 24 South, Range 37 East.
- CASE 8440: (Continued from January 16, 1985, Examiner Hearing)
- Application of Conoco Inc. to amend Administrative Division Order DHC-417, Lea County, New Mexico. Applicant, in the above-styled cause, seeks to amend Administrative Division Order DHC-417 to allow its State H-35 Well No. 9 located in Unit H of Section 35, Township 17 South, Range 34 East, to produce approximately 120 more barrels of water per day than presently allowed.
- CASE 8448: (Continued from January 16, 1985, Examiner Hearing)
- Gary-Williams Oil Producer, Inc. for pool extension, amendment of Division Order No. R-7471 and for twelve non-standard oil proration units, Sandoval County, New Mexico. Applicant, in the above-styled cause, seeks the extension of the Rio Puerco-Mancos Oil Pool to include Sections 3, 4, 5, 8, 9, 10, 15, and 17 of Township 20 North, Range 2 West, Sections 19 through 22 and 27 through 34 of Township 21 North, Range 2 West, Sections 21 through 28 of Township 20 North, Range 3 West, and Sections 25, 26, 35 and 36 of Township 21 North, Range 3 West and the amendment of the SPECIAL RULES AND REGULATIONS FOR THE RIO PUERCO-MANCOS OIL POOL, as promulgated in Division Order No. R-7471, to further restrict the well location requirements. Applicant further seeks approval of twelve non-standard oil proration and spacing units, all within the above-described pool extension area and necessitated by irregularities in section sizes and shapes, each comprised of various contiguous lots and/or tracts in Sections 3, 4, and 5 of Township 20 North, Range 2 West and Sections 19, 30 and 31 of Township 21 North, Range 2 West.
- CASE 8450: (Continued from January 16, 1985, Examiner Hearing)
- Application of Robert E. Chandler Corporation for compulsory pooling and a non-standard proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Blinebry formation underlying a non-standard oil proration unit, consisting of approximately 25.9 acres, comprising Lot 4 of Section 29, Township 18 South, Range 39 East, NMPM, East Hobbs-Blinebry Pool, 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 operator of the well and a charge for risk involved in drilling said well.
- CASE 8468: Application of Damson Oil Corporation for exemption from the New Mexico Natural Gas Pricing Act (NMPA). Applicant, in the above-styled cause, seeks the exemption from the NMPA, for the Getty Oil Company (Texaco Inc.) operated Mexico Federal "K" Well No. 1-E located 1190 feet from the South line and 2020 feet from the West line of Section 8, Township 28 North, Range 10 West, NMPM, Basin Dakota Pool, San Juan County, New Mexico, in which Damson Oil Corporation owns an interest, as provided in Section 62-7-5, NMSA, 1978. To be considered will be the granting of said exemption from the date of the filing of the application. In the absence of objection, any such application for exemption which meets the criteria set forth in Division Order No. R-5436 will be granted.

- CASE 8469: Application of Damson Oil Corporation for exemption from the New Mexico Natural Gas Pricing Act (NMPA). Applicant, in the above-styled cause, seeks the exemption from the NMPA, for the Mesa Petroleum Company operated McLeod Well No. 2-E located 1530 feet from the North line and 930 feet from the West line of Section 34, Township 28 North, Range 10 West, NMPM, Basin-Dakota Pool, San Juan County, in which Damson Oil Corporation owns an interest, as provided in Section 62-7-5, NMSA, 1978. To be considered will be the granting of said exemption from the date of the filing of the application. In the absence of objection, any such application for exemption which meets the criteria set forth in Division Order No. R-5436 will be granted.
- CASE 8470: Application of Amoco Production Company for amendment to Division Order No. R-7518, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Division Order No. R-7518 to include the Wolfcamp formation as an injection interval to dispose of produced salt water in its State "FU" Well No. 3 located 1700 feet from the North line and 660 feet from the West line of Section 25, Township 18 South, Range 34 East, NMPM, Airstrip-Wolfcamp Pool.
- CASE 8471: Application of Amoco Production Company for NGPA Wellhead Price Ceiling Category Determination, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the determination that its Wood Gas Com "A" Well No. 1 located in the NW/4 NE/4 of Section 4, Township 31 North, Range 10 West, NMPM, Cedar Hill Fruitland Basal Coal Gas Pool, meets the NGPA well category criteria for Section 107, High Cost Occluded Gas Produced from Coal Seams, under Section 107 of the Natural Gas Policy Act of 1978.
- CASE 8472: Application of Inexco Oil Company for compulsory pooling and a non-standard proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in all formation from the surface to the top of the Strawn formation underlying the NW/4 SE/4 of Section 13, Township 17 South, Range 37 East, to form a standard 40-acre oil proration unit to be dedicated to a well to be drilled at a standard oil well location 1980 feet from the South and East lines of said Section 13. Applicant further seeks an order pooling all mineral interests in the Strawn formation underlying the NE/4 SW/4 and NW/4 SE/4 of said Section 13, to form a non-standard 80-acre oil proration unit also to be dedicated to the above-described well. 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.
- CASE 8473: Application of MTS Ltd. Partnership for compulsory pooling, a non-standard gas proration unit, and an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the top of the Wolfcamp formation underlying the NE/4 of Section 3, Township 16 South, Range 35 East, to form a standard 160-acre gas proration unit to be dedicated to a well to be drilled at an unorthodox gas well location 3806 feet from the North line and 2193 feet from the East line of said Section 3. Applicant further seeks an order pooling all mineral interests from the top of the Wolfcamp formation to the base of the Morrow formation underlying Lots 1, 2, 7, and 8, and the NE/4 of said Section 3 to form a non-standard 338.59-acre gas proration unit also to be dedicated to the above-described well. 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.
- CASE 8474: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, contracting, redesignating and extending certain pools in Chaves, Lea, and Roosevelt Counties, New Mexico:
- (a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Permo Pennsylvanian production and designated as the Eight Mile Draw-Permo Pennsylvanian Pool. The discovery well is the Yates Petroleum Corporation Lonestar AAI State Well No. 1 located in Unit K of Section 19, Township 11 South, Range 35 East, NMPM. Said pool would comprise:  

TOWNSHIP 11 SOUTH, RANGE 35 EAST, NMPM

Section 19: SW/4
  - (b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Atoka production and designated as the Kemnitz-Atoka Pool. The discovery well is the OGR Operating Company, Inc. Kemnitz 17 State Well No. 1 located in Unit H of Section 17, Township 16 South, Range 34 East, NMPM. Said pool would comprise:  

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM

Section 17: NE/4
  - (c) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Chester production and designated as the East Shoe Bar-Chester Gas Pool. The discovery well is the Maralo, Inc. State K-33 Com Well No. 3 located in Unit O of Section 30, Township 16 South, Range 36 East, NMPM. Said pool would comprise:  

TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM

Section 30: SE/4

- (d) CREATE a new pool in Roosevelt County, New Mexico, classified as an oil pool for Canyon production and designated as the West Tucker Ranch-Canyon Pool. The discovery well is the Wallace Oil and Gas, Inc. Tucker Well No. 2 located in Unit P of Section 5, Township 7 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM

Section 5: SE/4

- (e) CONTRACT the vertical limits of the McDonald-Pennsylvanian Pool in Lea County, New Mexico, to include only the Cisco, Canyon, and Strawn formations, and redesignate said pool as the McDonald-Upper Pennsylvanian Pool.
- (f) REDESIGNATE the East New Hope-Pennsylvanian Gas Pool in Lea County, New Mexico, as the East New Hope-Wolfcamp Gas Pool, because the producing formation was incorrectly classified when said pool was created.
- (g) EXTEND the North Anderson Ranch-Cisco Canyon Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 32 EAST, NMPM

Section 33: SW/4

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM

Section 1: NW/4

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

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM

Section 32: SE/4

Section 33: SW/4

- (i) EXTEND the Southeast Chaves-Queen Gas Area Associated Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 31 EAST, NMPM

Section 35: NW/4

- (j) EXTEND the North Chaveroo-Permo Pennsylvanian Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM

Section 14: NW/4

- (k) EXTEND the Cruz-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 33 EAST, NMPM

Section 8: SW/4

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

TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM

Section 11: S/2

- (m) EXTEND the Northeast Lovington-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM

Section 28: NW/4

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

TOWNSHIP 13 SOUTH, RANGE 36 EAST, NMPM

Section 33: NW/4 and S/2

- (o) EXTEND the Morton-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM

Section 7: E/2 SE/4

- (p) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM

Section 33: NE/4

Section 34: N/2

- (q) EXTEND the North Quail Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM

Section 36: N/2 and SE/4

Dockets Nos. 7-85 and 8-85 are tentatively set for February 27 and March 13, 1985. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - FEBRUARY 13, 1985

8:00 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM,  
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Gilbert P. Quintana, Examiner, or Michael E. Stogner, Alternate Examiner:

- ALLOWABLE:
- (1) Consideration of the allowable production of gas for March, 1985, from fifteen prorated pools in Lea, Eddy, and Chaves Counties, New Mexico.
  - (2) Consideration of the allowable production of gas for March, 1985, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
  - (3) Consideration of purchaser's nominations for the one year period beginning April 1, 1985, for both of the above areas.

CASE 8466: (Continued from January 30, 1985, Examiner Hearing)

Application of El Paso Natural Gas Company for an unorthodox gas well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox infill gas well location 1180 feet from the North line and 2440 feet from the East line of Section 9, Township 32 North, Range 7 West, NMPM, Blanco Mesaverde Pool, the previously approved 376.88-acre non-standard proration unit comprising the SE/4, E/2 SW/4 and Lots 1, 2, and 3 of said Section 9 and Lots 3 and 4 and the NW/4 SW/4 of Section 10, Township 32 North, Range 7 West, to be dedicated to the well.

CASE 8475: Application of Stevens Operating Corporation for compulsory pooling, 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 San Andres formation underlying the SE/4 SW/4 of Section 16, Township 8 South, Range 29 East, 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 operator of the well and a charge for risk involved in drilling said well.

CASE 8445: (Continued from January 16, 1985, Examiner Hearing)

Application of GeoEngineering, Inc. for an exception to General Rules 104-F and 104 C.I., McKinley County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rules 104-F and 104 C.I. of the Division's General Rules and Regulations within portions of Sections 20, 21, 22, 27, 28, 29, and 30, all in Township 20 North, Range 9 West, to provide for Mesaverde oil wells to be located not nearer than 10 feet to the quarter-quarter section line nor nearer than 165 feet to lands owned by an offset operator and to also permit applicant to develop the Mesaverde formation within said area with more than four wells on each 40-acre tract.

CASE 8476: Application of Cavalcade Oil Corporation 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 Wolfcamp formation underlying the SW/4 NW/4 of Section 18, Township 12 South, Range 38 East, to be dedicated to a well to be re-entered at a standard location thereon. Also to be considered will be the cost of re-entering 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.

CASE 8477: Application of Cavalcade Oil Corporation for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Queen formation underlying the SW/4 of Section 12, Township 18 South, Range 36 East, Arkansas Junction-Queen Gas Pool, 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.

CASE 7936: (Continued from December 19, 1984, Examiner Hearing)

Application of Hilliard Oil & Gas Inc. for temporary special pool rules, Chaves County, New Mexico. In the matter of Case 7936 being reopened pursuant to the provisions of Order No. R-7364 which promulgated temporary pool rules for the Cedar Point-Strawn Pool in Chaves County, including a provision for 80-acre spacing units. All interested parties may appear and show cause why the Cedar Point-Strawn Pool should not be developed on 40-acre proration units.

(Continued from January 30, 1985, Examiner Hearing)

CASE 8472: Application of Inexco Oil Company for compulsory pooling and a non-standard proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in all formations from the surface to the top of the Strawn formation underlying the NW/4 SE/4 of Section 13, Township 17 South, Range 37 East, to form a standard 40-acre oil proration unit to be dedicated to a well to be drilled at a standard oil well location 1980 feet from the South and East lines of said Section 13. Applicant further seeks an order pooling all mineral interests in the Strawn formation underlying the NE/4 SW/4 and NW/4 SE/4 of said Section 13, to form a non-standard 80-acre oil proration unit also to be dedicated to the above-described well. 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.

CASE 8473: (Continued from January 30, 1985, Examiner Hearing)

Application of MTS Ltd. Partnership for compulsory pooling, a non-standard gas proration unit, and an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the top of the Wolfcamp formation underlying the NE/4 of Section 3, Township 16 South, Range 35 East, to form a standard 160-acre gas proration unit to be dedicated to a well to be drilled at an unorthodox gas well location 3806 feet from the North line and 2193 feet from the East line of said Section 3. Applicant further seeks an order pooling all mineral interests from the top of the Wolfcamp formation to the base of the Morrow formation underlying Lots 1, 2, 7, and 8, and the NE/4 of said Section 3 to form a non-standard 338.59-acre gas proration unit also to be dedicated to the above-described well. 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.

CASE 8478: Application of BTA Oil Producers for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the NE/4 of Section 25, Township 20 South, Range 34 East, Lea-Pennsylvanian Gas Pool, 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 operator of the well and a charge for risk involved in drilling said well.

CASE 8479: Application of Anadarko Production Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location 1980 feet from the South line and 660 feet from the West line of Section 22, Township 21 South, Range 27 East, Burton Flats-Morrow Gas Pool, the S/2 of said Section 22 to be dedicated to the well.

CASE 8480: Application of Blanco Engineering, Inc. for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Abo and Wolfcamp formations in the open hole interval from 5408 feet to 6531 feet in the C. E. LaRue & B. N. Muncy, Jr. Nix & Curtis Well No. 1 located 1980 feet from the North line and 660 feet from the West line (Unit E) of Section 25, Township 18 South, Range 26 East.

CASE 8481: Application of Texas American Oil Corporation for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Grayburg and San Andres formations through four certain wells on its Etz State, Etz "B" State, Etz "C" State, and Randel State Leases located in portions of Section 16, Township 17 South, Range 30 East, Grayburg-Jackson Pool.

CASE 8482: Application of Tenneco Oil Exploration and Production Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the top of the Wolfcamp formation to the base of the Pennsylvanian formation underlying the E/2 of Section 13, Township 24 South, Range 28 East, 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.

CASE 8440: (Continued from January 30, 1985, Examiner Hearing)

Application of Conoco Inc. to amend Administrative Division Order DHC-417, Lea County, New Mexico. Applicant, in the above-styled cause, seeks to amend Administrative Division Order DHC-417 to allow its State H-35 Well No. 9 located in Unit H of Section 35, Township 17 South, Range 34 East, to produce approximately 120 more barrels of water per day than presently allowed.

CASE 8450: (Continued from January 30, 1985, Examiner Hearing)

Application of Robert E. Chandler Corporation for compulsory pooling and a non-standard proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Blinbry formation underlying a non-standard oil proration unit, consisting of approximately 25.9 acres, comprising Lot 4 of Section 29, Township 18 South, Range 39 East, NMPM, East Hobbs-Blinbry Pool, 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 operator of the well and a charge for risk involved in drilling said well.

CASE 8483: In the matter of the hearing called by the Oil Conservation Division on its own motion to consider:

The extension of the vertical limits of the East Millman Queen-Grayburg Pool in Eddy County, New Mexico, to include the San Andres formation, the redesignation of said pool as the East Millman Queen-Grayburg-San Andres Pool, and the extension of the horizontal limits thereof.

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Docket No. 6-85

DOCKET: COMMISSION HEARING - WEDNESDAY - FEBRUARY 20, 1985

OIL CONSERVATION COMMISSION - 9 A.M. - MORGAN HALL,  
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

CASE 8224: (Readvertised)

In the matter of the hearing called by the Oil Conservation Commission on its own motion to define the vertical and areal extent of aquifers potentially vulnerable to contamination by the surface disposition of water produced in conjunction with the production of oil and gas in McKinley, Rio Arriba, Sandoval and San Juan Counties, New Mexico. Applicant seeks to define such areas and prohibit and/or limit the disposition of such produced waters on the surface of the ground therein at any location where such waters are produced or collected.

NOTE: Case No. 8224 will be heard by the Commission in two parts approximately 30 days apart. At this initial hearing, the Commission will hear the report of the committee which has been studying "vulnerable" aquifers and produced water disposal in the San Juan Basin since July, 1984. It is expected that a member of the OCD staff will also put on testimony and there may be testimony by individual committee members. An opportunity for cross examination and testimony by other interested parties will be provided. The case will be continued and reopened in approximately 30 days for the receipt of new or additional testimony by any participant.

This unusual format is being provided to assure that all participants have a full and complete opportunity to review the recommendations of the committee and to address its report and any other relevant issues or evidence.

CASE 8331: (Continued from January 10, 1985, Commission Hearing)

(De Novo)

Application of Amoco Production Company for an extension of the Gavilan-Mancos Oil Pool, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks the extension of the Gavilan-Mancos Oil Pool to include Sections 10, 11, 12, 13, 14, 23 and 24 in Township 24 North, Range 2 West. Upon application of Amoco Production Company, this case will be heard De Novo pursuant to the provisions of Division Rule 1220.



Dockets Nos. 8-85 and 9-85 are tentatively set for March 13, and March 27, 1985. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - FEBRUARY 27, 1985

8:00 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM,  
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Michael E. Stogner, Examiner, or Gilbert P. Quintana, Alternate Examiner:

CASE 8484:

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit La Jet, Inc., the Travelers Indemnity Company, and all other interested parties to appear and show cause why the La Jet, Inc. State Well No. 1 located 660 feet from the South line and 2310 feet from the West line of Section 16, Township 21 South, Range 34 East, Lea County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 8485:

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit San Juan Petroleum Company, National Surety Co., and all other interested parties to appear and show cause why the Palmer Well No. 1 located 300 feet from the North line and 300 feet from the East line (Unit A) of Section 17, Township 29 North, Range 13 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 8486:

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Warren J. Miller, San Juan Petroleum Company, the Maryland Casualty Company and all other interested parties to appear and show cause why the Umbenhour Well No. 1 located in the SE/4 SW/4 (Unit N) of Section 9, Township 29 North, Range 13 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 8487:

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit J. Warren Miller and other interested parties to appear and show cause why the Culpepper Well No. 1 located 694 feet from the South line and 996 feet from the West line (Unit M) of Section 16, Township 29 North, Range 13 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 8488:

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit J. E. Amenda and all other interested parties to appear and show cause why the Vergie Schenck Well No. 1, aka Schenckland Well No. 1, located 350 feet from the North line and 660 feet from the East line (Unit A) of Section 14, Township 29 North, Range 13 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 8489:

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Animas Oil Company and all other interested parties to appear and show cause why the John C. Sutton Well No. 1 located 304 feet from the North line and 2242 feet from the West line (Unit C) of Section 12, Township 29 North, Range 13 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 8490:

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Farmington Syndicate and all other interested parties to appear and show cause why the Blake Well No. 1 located in the SW/4 SE/4 (Unit O) of Section 16, Township 29 North, Range 13 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 8491:

In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Basin Company and all other interested parties to appear and show cause why the Ted White Well No. 78 located 1850 feet from the North line and 790 feet from the East line (Unit H) of Section 18, Township 29 North, Range 13 West, San Juan County, should not be plugged and abandoned in accordance with a Division-approved plugging program.

CASE 8492:

Application of Gulf Oil Corporation for a unit agreement, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks approval of the North Hospah Federal-State Unit Area comprising 1,280 acres, more or less, of Federal and State lands in Township 19 North, Range 8 West.

CASE 8493: Application of J. M. Huber Corporation for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres formation in the perforated interval from approximately 4630 feet to 6050 feet in the Cabot "Q" State Well No. 1 located 1980 feet from the South line and 560 feet from the West line of Section 7, Township 15 South, Range 35 East.

CASE 8494: Application of TXO Production Corp. for compulsory pooling and an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in all formations from 4,825 feet beneath the surface through the base of the Bone Spring formation underlying the NW/4 NW/4 of Section 26, Township 18 South, Range 32 East, Querecho Plains-Lower and Upper Bone Spring Pools, to form a standard 40-acre oil spacing and proration unit, to be dedicated to a well to be drilled at a standard oil well location 660 feet from the North and West lines of said Section 26. Applicant further seeks an order pooling all mineral interests from the base of the Bone Spring formation to the base of the Morrow formation underlying the N/2 of said Section 26, to form a standard 320-acre gas spacing and proration unit also to be dedicated to the above-described well which is an unorthodox gas well location for the N/2, 320-acre gas spacing and proration unit in said Section 26. 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.

CASE 8450: (Continued from February 13, 1985, Examiner Hearing)

Application of Robert E. Chandler Corporation for compulsory pooling and a non-standard proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Blinebry formation underlying a non-standard oil proration unit, consisting of approximately 25.9 acres, comprising Lot 4 of Section 29, Township 18 South, Range 39 East, NMPM, East Hobbs-Blinebry Pool, 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 operator of the well and a charge for risk involved in drilling said well.

CASE 8495: Application of J. F. Herbig for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Drinkard and Abo formations underlying the NE/4 NE/4 of Section 11, Township 20 South, Range 38 East, House-Abo and House-Drinkard Pools, 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 operator of the well and a charge for risk involved in drilling said well.

CASE 8496: Application of Chaveroo Operating Co., Inc. for compulsory pooling, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to 4,400 feet underlying the NE/4 NE/4 of Section 25, Township 7 South, Range 32 East, 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 operator of the well and a charge for risk involved in drilling said well.

CASE 8497: Application of Chaveroo Operating Co., Inc. for compulsory pooling, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to 4,400 feet underlying the NW/4 NW/4 of Section 25, Township 7 South, Range 32 East, 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 operator of the well and a charge for risk involved in drilling said well.

- CASE 8498: Application of Pennzoil 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 990 feet from the South line and 660 feet from the East line of Section 35, Township 16 South, Range 34 East, to test all formations from the top of the Wolfcamp formation to the base of the Pennsylvanian formation, the E/2 of said Section 35 to be dedicated to the well.
- CASE 8499: Application of Pennzoil 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 990 feet from the South line and 660 feet from the West line of Section 36, Township 16 South, Range 34 East, to test all formations from the top of the Wolfcamp formation to the base of the Pennsylvanian formation, the W/2 of said Section 36 to be dedicated to the well.
- CASE 8500: Application of Pennzoil 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 510 feet from the South line and 990 feet from the East line of Section 30, Township 19 South, Range 34 East, to test various formations from the top of the Queen formation to the base of the Pennsylvanian formation. The above-described well is an unorthodox gas well location for any and all formations or pools dedicated to either 160-acre or 320-acre spacing and proration units. The SW/4 of said Section 30 is to be dedicated to the well if the gas produced is subject to 160-acre spacing and the S/2 of said Section 30 is to be dedicated to the well if the gas produced is subject to 320-acre spacing.
- CASE 8501: Application of Harben-Davis, a Partnership, 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 Abo formation (approximate depth 8500 feet) underlying the SW/4 SW/4 (Unit M) of Section 22, Township 16 South, Range 38 East, 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 operator of the well and a charge for risk involved in drilling said well.
- CASE 8502: Application of Yates Drilling Company for a pressure maintenance project, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pressure maintenance project in the Southeast Chaves Queen Gas Area Associated Pool by the injection of water into the Queen formation through the perforated interval from approximately 2991 feet to 2997 feet in its Doyal Well No. 3 located 1980 feet from the South line and 990 feet from the East line (Unit I) of Section 27, Township 12 South, Range 31 East.
- CASE 8503: Application of Yates Petroleum Corporation for an unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox oil well location 990 feet from the South line and 2310 feet from the East line (Unit O) of Section 35, Township 15 South, Range 36 East, Dean-Permo Pennsylvanian Pool, the W/2 SE/4 of said Section 35 to be dedicated to the well.
- CASE 8472: (Continued from February 13, 1985, Examiner Hearing)
- Application of Inexco Oil Company for compulsory pooling and a non-standard proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in all formations from the surface to the top of the Strawn formation underlying the NW/4 SE/4 of Section 13, Township 17 South, Range 37 East, to form a standard 40-acre oil proration unit to be dedicated to a well to be drilled at a standard oil well location 1980 feet from the South and East lines of said Section 13. Applicant further seeks an order pooling all mineral interests in the Strawn formation underlying the NE/4 SW/4 and NW/4 SE/4 of said Section 13, to form a non-standard 80-acre oil proration unit also to be dedicated to the above-described well. 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.
- CASE 8504: Application of Southland Royalty Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the top of the Wolfcamp formation to the base of the Pennsylvanian formation underlying the S/2 of Section 12, Township 19 South, Range 28 East, 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.
- CASE 8478: (Continued from February 13, 1985, Examiner Hearing)
- Application of BTA Oil Producers for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the NE/4 of Section 25, Township 20 South, Range 34 East, Lea-Pennsylvanian Gas Pool, 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 operator of the well and a charge for risk involved in drilling said well.

- CASE 8505:** Application of Chama Petroleum Company for compulsory pooling and an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the top of the Wolfcamp formation and from the top of the Pennsylvanian to the base of the Morrow formation underlying the NE/4 of Section 25, Township 20 South, Range 34 East, to form a standard gas spacing and proration unit for any and all formations and/or pools dedicated on 160-acre spacing, to be dedicated to a well to be drilled at a standard gas well location 660 feet from the North line and 1980 feet from the East line of said Section 25. Applicant further seeks an order pooling all mineral interests from the top of the Wolfcamp formation to the top of the Pennsylvanian formation underlying the E/2 of said Section 25, to form a standard 320-acre gas spacing and proration unit within said vertical limits also to be dedicated to the above-described well which is an unorthodox gas well location for an E/2, 320-acre gas spacing and proration unit in said Section 25. IN THE ALTERNATIVE, the applicant further seeks an order pooling all mineral interests from the surface to the top of the Wolfcamp formation for any and all formations and/or pools dedicated on 160-acre spacing and proration units, underlying the NE/4 of said Section 25, also to be dedicated to the above-described well to be drilled at a standard gas well location for a 160-acre spacing and proration unit. Applicant further seeks an order pooling all mineral interests from the top of the Wolfcamp formation to the base of the Morrow formation for any and all formations and/or pools dedicated on 320-acre spacing and proration units, underlying the E/2 of said Section 25, also to be dedicated to the above-described well which is an unorthodox gas well location for an E/2, 320-acre, gas spacing and proration unit in said Section 25. Also to be considered, in either case, 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.
- CASE 8506:** Application of Amoco Production Company for salt water disposal, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Menefee formation in the perforated interval from 3904 feet to 4106 feet in its Johnson Gas Com "E" Well No. 1 located 1100 feet from the North line and 990 feet from the West line of Section 15, Township 30 North, Range 12 West.
- CASE 8507:** Application of Amoco Production Company for an unorthodox well location and dual completion, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location in the Basin Dakota Pool and an unorthodox oil well location in the Pinon Gallup Oil Pool for a well to be drilled 850 feet from the South line and 100 feet from the West line of Section 11, Township 28 North, Range 12 West, to be dually completed in both pools, the previously approved 366.46-acre non-standard gas proration unit comprising Lots 1, 2, 3, and 4, the SE/4 SW/4, and the S/2 SE/4 of partial Section 10, Township 28 North, Range 12 West, plus Lots 3 and 4, and the S/2 SW/4 of said partial Section 11 to be dedicated to the well in the Basin Dakota Pool and the S/2 SW/4 of said partial Section 11 forming a standard 80-acre proration unit to be dedicated to the well in the Pinon Gallup Pool.
- CASE 8468:** (Continued and Readvertised)
- Application of Damson Oil Corporation for certain findings for an infill well in San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order determining that the Getty Oil Company (Texaco Inc.) operated Mexico Federal "K" Well No. 1-E located 1190 feet from the South line and 2020 feet from the West line of Section 8, Township 28 North, Range 10 West, NMPM, Basin-Dakota Pool, the previously approved 319.67-acre non-standard gas proration unit comprising Lots 1, 2, and 3, the SE/4 SW/4 and the S/2 SE/4 of partial Section 8 and Lots 3 and 4 and the S/2 SW/4 of partial Section 9, both in Township 28 North, Range 10 West, dedicated to the subject well in which Damson Oil Corporation owns an interest; is an authorized "infill well" within a designated pool where a second well on an established gas proration and drilling unit is necessary to recover additional gas from the pool; was drilled for the purpose of increasing the recovery of gas from the pool; and the operator has done nothing to restrict the ability of the original well in the above-described proration unit to produce into the pipeline; and, further, that said well is exempt from the provisions of the New Mexico Natural Gas Pricing Act (62-7-1 through 62-7-10, NMSA, 1978) pursuant to Laws of 1984, Chapter 123, Section 13.B.

CASE 8469: (Continued and Readvertised)

Application of Damson Oil Corporation for certain findings for an infill well in San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order determining that the Mesa Petroleum Co. operated McLeod Well No. 2-E located 1530 feet from the North line and 930 feet from the West line of Section 34, Township 28 North, Range 10 West, NMPM, Basin-Dakota Pool, the S/2 of said Section 34 dedicated to the subject well in which Damson Oil Corporation owns an interest; is an authorized "infill well" within a designated pool where a second well on an established gas proration and drilling unit is necessary to recover additional gas from the pool; was drilled for the purpose of increasing the recovery of gas from the pool; and the operator has done nothing to restrict the ability of the original well in the above-described proration unit to produce into the pipeline; and, further, that said well is exempt from the provisions of the New Mexico Natural Gas Pricing Act (62-7-1 through 62-7-10, NMSA, 1978) pursuant to laws of 1984, Chapter 123, Section 13.B.

CASE 8508: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and assigning discovery allowable and extending certain pools in Chaves and Lea Counties, New Mexico:

- (a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Northwest Antelope Ridge-Bone Spring Pool. The discovery well is the Curry Resources Pronghorn State Well No. 1 located in Unit J of Section 9, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM

Section 9: SE/4

- (b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Arkansas Junction-Bone Spring Pool. The discovery well is the Gulf Oil Corporation Lea ACF State Well No. 1 located in Unit A of Section 35, Township 18 South, Range 36 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM

Section 35: NE/4

- (c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Bradley-Bone Spring Pool. The discovery well is the Gulf Oil Corporation Wilson C Federal Well No. 1 located in Unit E of Section 29, Township 26 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 26 SOUTH, RANGE 34 EAST, NMPM

Section 29: NW/4

- (d) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Strawn production and designated as the Langley-Strawn Pool. Further, assign approximately 186,400 barrels of discovery allowable to the discovery well, the ARCO Oil & Gas Company Langley Griffin Well No. 1 located in Unit J of Section 28, Township 22 South, Range 36 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM

Section 28: SE/4

- (e) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Mississippian production and designated as the Lowe Ranch-Mississippian Gas Pool. The discovery well is the Kimbark Oil and Gas Company M. F. Walker Well No. 2 located in Unit J of Section 27, Township 12 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 12 SOUTH, RANGE 37 EAST, NMPM

Section 27: SE/4

- (f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Grayburg production and designated as the Mescalero Escarpe-Grayburg Pool. The discovery well is the Cities Service Oil and Gas Corporation State DW Well No. 5 located in Unit P of Section 12, Township 18 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM

Section 12: SE/4

- (g) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Red Hills-Atoka Gas Pool. The discovery well is the HNG Oil Company Vaca 13 Federal Well No. 1 located in Unit C of Section 13, Township 25 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM

Section 13: N/2

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

TOWNSHIP 15 SOUTH, RANGE 32 EAST, NMPM

Section 32: S/2

- (i) EXTEND the lower vertical limits of the Bagley-Lower Pennsylvanian Gas Pool in Lea County, New Mexico, to 5700 feet subsea.
- (j) EXTEND the Northeast Caudill-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 36 EAST, NMPM

Section 1: NW/4

- (k) EXTEND the Cedar Point-Strawn Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 30 EAST, NMPM

Section 26: SW/4

- (l) EXTEND the Double X-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM

Section 14: SE/4

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

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 1: Lots 11, 12, 13, and 14

Section 2: Lots 9, 15, and 16

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

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM

Section 36: NE/4

- (o) EXTEND the West Hume-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM

Section 14: SW/4

- (p) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM

Section 26: NE/4

Section 28: SE/4

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

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM

Section 30: W/2

Section 31: W/2

- (r) EXTEND the Saunders-Permo Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM

Section 12: SW/4

- (s) EXTEND the North Young-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM

Section 1: SW/4

Section 2: SE/4