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ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISIONPOST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
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MEMO NO. 7-86

MEMORANDUM

TO: OPERATORS OF PRORATED GAS WELLS

FROM: R. L. STAMETS, DIRECTOR *RLS*

SUBJECT: SUSPENSION OF RECLASSIFICATION

I have instructed the Division's Gas Proration Manager to suspend the gas well reclassification which would normally occur at the end of the first trimester of the new gas proration period. This is being done as many wells are shut-in or are severely restricted due to current market conditions and wells otherwise capable of non-marginal production could be reclassified marginal.

It has been suggested that a continuing suspension should be considered because of these market conditions. Conversely, it has been suggested that reclassification should be allowed to proceed in order that allowable may flow to those operators choosing to participate in the spot market. The argument put forth is, that if the spot market is made available to producers and they choose not to participate, have not their correlative rights been protected (an opportunity to produce having been provided) and should not their share of the pool allowable be given to those who do choose to sell.

Your response to this issue will be appreciated and will be shared with the Gas Advisory Committee now looking at gas proration issues. Please submit any response in writing by July 18, 1986.

June 23, 1986

dr/

Dockets Nos. 22-86 and 23-86 are tentatively set for July 23 and August 6, 1986. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - JULY 9, 1986
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:

- ALLOWABLE: (1) Consideration of the allowable production of gas for July, 1986, from fifteen prorated pools in Lea Eddy, and Chaves Counties, New Mexico.
- (2) Consideration of the allowable production of gas for July, 1986, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.

CASE 8932: Application of Geo Engineering, Inc. for exceptions to Division General Rules 104(F) and 104(C) (I), McKinley County, New Mexico. Applicant, in the above-styled cause, seeks authority for the location of oil wells no nearer than 165 feet to the lease boundary or nearer than 10 feet to any quarter-quarter section or subdivision inner boundary for wells completed in the Menafée member of the Mesaverde formation in the NW/4 of Section 32, Township 20 North, Range 9 West. Applicant also seeks authority allowing the operator to develop the area described with more than four wells on each 40-acre tract.

CASE 8933: Application of Geo Engineering, Inc. for exceptions to Division General Rules 104(F) and 104(C) (I), McKinley County, New Mexico. Applicant, in the above-styled cause, seeks authority for the location of oil wells no nearer than 165 feet to the lease boundary or nearer than 10 feet to any quarter-quarter section or subdivision inner boundary for wells completed in the Menafée member of the Mesaverde formation in the NE/4 of Section 30, Township 20 North, Range 9 West. Applicant also seeks authority allowing the operator to develop the area described with more than four wells on each 40-acre tract.

CASE 8934: Application of Amstar Energy 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 Bone Spring, Wolfcamp, Cisco, Canyon, Strawn, Atoka, and Morrow formations in the perforated interval from approximately 9600 feet to 13,627 feet in the Mid-American Petroleum, Inc. New Mexico State "A" Well No. 1 located 660 feet from the South line and 2080 feet from the East line (Unit O) of Section 35, Township 18 South, Range 34 East, Undesignated Air Strip Bone Spring Pool or Undesignated Scharb Bone Spring Pool, Air Strip Wolfcamp Pool, and East La Rica Morrow Gas Pool.

CASE 8935: Application of Verde Grande Inc. for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Wolfcamp formation in the perforated interval from approximately 10,230 feet to 10,726 feet in its Aztec State Comm Well No. 3 located 660 feet from the South and West lines (Unit M) of Section 18, Township 16 South, Range 37 East.

CASE 8936: Application of Santa Fe Energy Company for compulsory pooling, Eddy 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 either the SW/4 NW/4 of Section 33, Township 23 South, Range 31 East, to form a standard 40-acre oil spacing and proration unit within said vertical limits or the W/2 of said Section 33 to form a standard 320-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing, both aforementioned units 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 8820: (Reopened)

Application of Santa Fe Energy Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp, Strawn, Atoka, and Morrow formations underlying the W/2 of Section 24, Township 22 South, Range 27 East, forming a standard 320-acre gas spacing and proration unit, 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 8937: Application of Mobil Producing Texas and New Mexico, Inc. for an unorthodox oil well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox oil well location for its proposed Federal OCC Well No. 2 to be drilled 2970 feet from the South line and 2410 feet from the East line of Section 4, Township 16 South, Range 31 East, Undesignated North Square Lake Grayburg-San Andres Pool, Lot 15 of said Section 4 to be dedicated to the well forming a standard 40-acre oil spacing and proration unit.
- CASE 8938: Application of Yates Petroleum Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Atoka-Glorieta-Yeso Pool underlying the SW/4 SW/4 (Unit M) of Section 27, Township 18 South, Range 26 East, to be dedicated to a well to be drilled at a standard oil 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 8939: Application of Yates Petroleum 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 Queen formation in the perforated interval from approximately 3750 feet to 3790 feet in the Sinclair Oil and Gas Company State 197 Well No. 3 located 1980 feet from the North line and 1762.5 feet from the West line (Unit F) of Section 6, Township 17 South, Range 34 East.
- CASE 8940: Application of Yates Petroleum 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 Queen formation in the perforated interval from approximately 3770 feet to 3810 feet in the H. L. Brown, Jr. State "B" Well No. 2 located 990 feet from the South line and 330 feet from the West line (Unit M) of Section 6, Township 17 South, Range 34 East.
- CASE 8866: (Continued from June 25, 1986, Examiner Hearing)
- Application of Amoco Production Company for an unorthodox gas well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox well location 180 feet from the South line and 130 feet from the East line of Section 9, Township 27 North, Range 12 West, Wildcat Gallup/Basin Dakota Pool, the SW/4 and S/2, respectively, of said Section 9, to be dedicated to the well.
- CASE 8941: Application of BCO, Inc. for a unit agreement, Sandoval County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Alamito (State) Unit Area comprising 360 acres, more or less, of State lands all in Section 32, Township 23 North, Range 7 West.

Dockets Nos. 23-86 and 24-86 are tentatively set for August 6 and August 20, 1986. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY, JULY 23, 1986
8:15 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 David R. Catanach, Alternate Examiner:

CASE 8941: (Readvertised)

Application of BCO, Inc. for a unit agreement, Sandoval County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Alamito (State) Unit Area comprising 640 acres, more or less, of State lands all in Section 32, Township 23 North, Range 7 West.

CASE 8912: (Continued from June 25, 1986 Examiner Hearing)

Application of Parabo, Inc. for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres formation in the perforated interval from 4300 feet to 4950 feet in its Royalty Holding Well No. 4, located 660 feet from the North and East lines of Section 25, Township 21 South, Range 37 East.

CASE 8942: 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 San Andres formation in the perforated interval from approximately 5,082 feet to 5,120 feet in its Buckeye 8601 JV-P Well No. 1-SWD (Calatex Exploration, Inc. New Mexico State Well No. 1) located 2310 feet from the North line and 990 feet from the West line (Unit E) of Section 29, Township 17 South, Range 36 East.

CASE 8936: (Continued from July 9, 1986, Examiner Hearing)

Application of Santa Fe Energy Company for compulsory pooling, Eddy 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 either the SW/4 NW/4 of Section 33, Township 23 South, Range 31 East, to form a standard 40-acre oil spacing and proration unit within said vertical limits or the W/2 of said Section 33 to form a standard 320-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing, both aforementioned units 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 8820: (Reopened) (Continued from July 9, 1986, Examiner Hearing)

Application of Santa Fe Energy Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp, Strawn, Atoka, and Morrow formations underlying the W/2 of Section 24, Township 22 South, Range 27 East, forming a standard 320-acre gas spacing and proration unit, 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 8943: Application of WR Oil and Gas Company for a Water/Steam Injection Pilot Project, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pilot injection project by the injection of steam and water into the Miguel Creek-Gallup Oil Pool in 14 wells located in Sections 20, 21, 28, 29, Township 16 North, Range 6 West. Applicant further seeks authorization to inject under pressure in said project in excess of the OCD guidelines standard of 0.2 psi per foot of depth.

CASE 8939: (Continued from July 9, 1986, Examiner Hearing)

Application of Yates Petroleum 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 Queen formation in the perforated interval from approximately 3750 feet to 3790 feet in the Sinclair Oil and Gas Company State 197 Well No. 3

located 1980 feet from the North line and 1762.5 feet from the West line (Unit F) of Section 6, Township 17 South, Range 34 East.

CASE 8940: (Continued from July 9, 1986, Examiner Hearing)

Application of Yates Petroleum 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 Queen formation in the perforated interval from approximately 3770 feet to 3810 feet in the H. L. Brown, Jr. State "B" Well No. 2 located 990 feet from the South line and 330 feet from the West line (Unit M) of Section 6, Township 17 South, Range 34 East.

CASE 8944: Application of Tenneco Oil Company for retroactive allowable, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks a determination that the work performed on its Fields "LS" Well No. 2A located 1500 feet from the South line and 850 feet from the East line (Unit I) of Section 25, Township 32 North, Range 11 West, Blanco-Mesaverde Pool, be designated as a "workover" pursuant to the Division Rules and Regulations regarding gas prorationing in northwest New Mexico, so that the increased allowable assigned to the subject well's proration unit (the S/2 of said Section 25) would be made effective as of November 1, 1985.

CASE 8945: Application of Jerome P. McHugh and Associates for compulsory pooling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Dakota formation underlying the E/2 of Section 12, Township 25 North, Range 2 West, to form a standard 320-acre spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing, said unit 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 8946: Application of Jerome P. McHugh and Associates for an amendment to the special rules and regulations of the Gavilan-Mancos Oil Pool, promulgated by Division Order No. R-7407, to establish temporary special production allowable limitations and gas-oil ratio limitations for said pool, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an amendment to Division Order No. R-7407, dated December 20, 1983, to include therein a special temporary production allowable of 200 barrels of oil per day for a standard 320-acre spacing and proration unit and a special temporary gas-oil ratio limitation factor of 1,000 cubic feet of gas per barrel of oil produced.

CASE 8874: (Continued from June 25, 1986, Examiner Hearing)

Application of Union Texas Petroleum Corporation for Pool Reclassification, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the reclassification of the Crosby-Devonian Gas Pool as an associated pool and the promulgation of special pool rules therefor.

CASE 8947: Application of Yates Petroleum Corporation for Hardship Gas Well Classification, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks a determination that its Box Canyon Unit Well No. 2 located 2080 feet from the North line and 1980 feet from the West line (Unit F) of Section 13, Township 21 South, Range 21 East, Little Box Canyon-Morrow Gas Pool, is a hardship gas well which should be granted priority access to pipeline takes in order to avoid waste.

CASE 8948: Application of Mesa Grande Resources, Inc. for compulsory pooling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Gallup and Dakota formations underlying the S/2 of Section 26, Township 25 North, Range 2 West, Gavilan-Mancos and Gavilan Greenhorn-Graneros-Dakota Oil 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 8937: (Continued from July 9, 1986, Examiner Hearing)

Application of Mobil Producing Texas and New Mexico, Inc. for an unorthodox oil well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox oil well location for its proposed Federal CCC Well No. 2 to be drilled 2970 feet from the South line and 2410 feet from the East line of Section 4, Township 16 South, Range 31 East, Undesignated North Square Lake Grayburg-San Andres Pool, Lot 15 of said Section 4 to be dedicated to the well forming a standard 40-acre oil spacing and proration unit.

- CASE 8949: Application of Mobil Producing Texas and New Mexico, Inc. for pool creation, special pool rules, discovery allowable, and an unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new oil pool for Devonian production comprising either the N/2 NE/4 or the E/2 NE/4 of Section 1, Township 17 South, Range 35 East, and the promulgation of temporary special pool rules therefor including a provision for 80-acre spacing and designated locations. Applicant further seeks the assignment of an oil discovery allowable as allowed by General Rule 509 to the discovery well for said pool being the applicant's Lovington Deep State Well No. 1 located at an unorthodox oil well location for the proposed special pool rules 823 feet from the North line and 581 feet from the East line of said Section 1.
- CASE 8950: Application of Benson-Montin-Greer Drilling Corporation for the amendment of Division Order No. R-3401, Rio Arriba County, New Mexico. The New Mexico Oil Conservation Commission by Division Order No. R-3401, dated April 11, 1968, issued in Case No. 3743, established Special Rules and Regulations for the EMG West Puerto Chiquito-Mancos Pressure Maintenance Project, including a special gas-oil ratio of 2000 to 1 for the West Puerto Chiquito-Mancos Oil Pool. Applicant, in the above-styled cause, now seeks amendment of said Order No. R-3401 to provide for a special gas-oil ratio of 1000 to 1 and the establishment of a production limitation factor of 400 bbls. of oil per day for each 640-acre spacing unit in the pool.
- CASE 8951: Application of Benson-Montin-Greer Drilling Corporation for the amendment of Division Order No. R-8124, Rio Arriba County, New Mexico. The New Mexico Oil Conservation Division by Division Order R-8124, dated January 16, 1986, issued in Case 8745, authorized the applicant to conduct a long-term reservoir pressure test in the Mancos formation using certain wells in Rio Arriba County and further authorized the shut-in of certain wells and provided six months after completion of the test during which certain accumulated underproduction can be made up. Applicant, in the above-styled cause, now seeks the amendment of said Order No. R-8124 to provide for twelve months after completion of the reservoir pressure test during which to make up the accumulated underproduction of certain wells resulting from the test. Applicant further requests that all other provisions in said Order No. R-8124 remain in full force and effect.
- CASE 8952: Application of Benson-Montin-Greer Drilling Corporation for statutory unitization, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an order unitizing, for the purpose of continued pressure maintenance operations, all mineral interests in the West Puerto Chiquito-Mancos Oil Pool underlying the Canada Ojitos Unit Area, which encompasses 69,567.235 acres, more or less, being all or portions of the following lands in Rio Arriba County, New Mexico:
- Sections 6 through 8 and 17 through 20, Township 24 North, Range 1 East;
 - Sections 1 through 15 and 23 through 24, Township 24 North, Range 1 West;
 - Sections 5 through 8, 17 through 20 and 29 through 31, Township 25 North, Range 1 East;
 - Sections 1 through 36, Township 25 North, Range 1 West;
 - Sections 19 and 20 and 29 through 32, Township 26 North, Range 1 East;
 - Sections 1 through 36, Township 26 North, Range 1 West.
- 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 the horizontal and vertical limits of the unit area; the determination of a fair, reasonable and equitable allocation of production and costs of production, 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 necessarily limited to, unit voting procedures, selection, removal, or substitution of unit operator, and time of commencement and termination of unit operations.
- CASE 8932: (Continued from July 9, 1986, Examiner Hearing)
- Application of Geo Engineering, Inc. for exceptions to Division General Rules 104(F) and 104(C) (I), McKinley County, New Mexico. Applicant, in the above-styled cause, seeks authority for the location of oil wells no nearer than 165 feet to the lease boundary or nearer than 10 feet to any quarter-quarter section or subdivision inner boundary for wells completed in the Menafée member of the Mesaverde formation in the NW/4 of Section 32, Township 20 North, Range 9 West. Applicant also seeks authority allowing the operator to develop the area described with more than four wells on each 40-acre tract.
- CASE 8933: (Continued from July 9, 1986, Examiner Hearing)
- Application of Geo Engineering, Inc. for exceptions to Division General Rules 104(F) and 104(C) (I), McKinley County, New Mexico. Applicant, in the above-styled cause, seeks authority for the location of oil wells no nearer than 165 feet to the lease boundary or nearer than 10 feet to any quarter-quarter section or subdivision inner boundary for wells completed in the Menafée member of the Mesaverde formation in the NE/4 of Section 30, Township 20 North, Range 9 West. Applicant also seeks authority allowing the operator to develop the area described with more than four wells on each 40-acre tract.

CASE 8953: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order contracting and extending certain pools in Rio Arriba, Sandoval, and San Juan Counties, New Mexico:

- (a) CONTRACT the Otero-Gallup Oil Pool in Rio Arriba County, New Mexico, by the deletion of the following described area:

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
Section 23: NW/4

- (b) EXTEND the Angels Peak-Gallup Associated Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 10 WEST, NMPM
Section 28: NE/4 and N/2 NW/4

- (c) EXTEND the Bisti-Lower Gallup Oil Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 12 WEST, NMPM
Section 7: SW/4
Section 18: NW/4
Section 26: NW/4
Section 27: N/2 NW/4

TOWNSHIP 26 NORTH, RANGE 13 WEST, NMPM
Section 21: SE/4
Section 22: SW/4

- (d) EXTEND the South Bisti-Gallup Oil Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 23 NORTH, RANGE 10 WEST, NMPM
Section 4: S/2 and NW/4
Section 9: N/2
Section 10: NW/4

TOWNSHIP 24 NORTH, RANGE 10 WEST, NMPM
Section 36: E/2 E/2

- (e) EXTEND the Blanco-Fruitland Gas Pool in San Juan County, New Mexico, to include therein:

TOWNSHIP 30 NORTH, RANGE 8 WEST, NMPM
Section 4: NE/4
Section 9: NE/4
Section 10: NW/4
Section 27: NW/4
Section 28: N/2
Section 29: NE/4

TOWNSHIP 31 NORTH, RANGE 8 WEST, NMPM
Section 28: SE/4
Section 33: E/2

- (f) EXTEND the Blanco-Mesaverde Pool in Rio Arriba and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM
Section 26: E/2

TOWNSHIP 30 NORTH, RANGE 11 WEST, NMPM
Section 15: W/2
Section 16: All
Section 21: N/2
Section 22: N/2

- (g) EXTEND the South Blanco-Pictured Cliffs Gas Pool in Rio Arriba, Sandoval, and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM
Section 7: SW/4
Section 26: NW/4
Section 27: N/2

- (h) EXTEND the Counselors Gallup-Dakota Oil Pool in Rio Arriba and Sandoval Counties, New Mexico, to include therein:

TOWNSHIP 23 NORTH, RANGE 6 WEST, NMPM

Section 5: N/2

Section 6: E/2

Section 17: NW/4

- (i) EXTEND the South Lindrith Gallup-Dakota Oil Pool in Rio Arriba and Sandoval Counties, New Mexico, to include therein:

TOWNSHIP 23 NORTH, RANGE 4 WEST, NMPM

Section 1: SW/4

Section 17: E/2

Section 20: NE/4

- (j) EXTEND the West Lindrith Gallup-Dakota Oil Pool in Rio Arriba and Sandoval Counties, New Mexico, to include therein:

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM

Section 9: NE/4

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM

Section 25: W/2

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 23: NW/4

- (k) EXTEND the Lybrook-Gallup Oil Pool in Rio Arriba and Sandoval Counties, New Mexico to include therein:

TOWNSHIP 23 NORTH, RANGE 6 WEST, NMPM

Section 6: W/2 W/2

Section 7: W/2 NW/4, N/2 SE/4

TOWNSHIP 23 NORTH, RANGE 7 WEST, NMPM

Section 1: NE/4 NE/4

Section 24: E/2, S/2 SW/4, NE/4 SW/4

Section 25: N/2

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM

Section 21: N/2, SE/4

Section 28: NE/4

- (l) EXTEND the Otero-Chacra Oil Pool in Rio Arriba and San Juan Counties, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM

Section 21: NE/4

Section 22: W/2

Section 24: SE/4

TOWNSHIP 28 NORTH, RANGE 9 WEST, NMPM

Section 21: SW/4

Section 28: NW/4

- (m) EXTEND the Rusty-Chacra Pool in Sandoval County, New Mexico, to include therein:

TOWNSHIP 21 NORTH, RANGE 6 WEST, NMPM

Section 1: W/2

Section 12: E/2

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM

Section 28: NW/4

- (n) EXTEND the WAW Fruitland-Pictured Cliffs Gas Pool in San Juan County, New Mexico to include therein:

TOWNSHIP 25 NORTH, RANGE 12 WEST, NMPM

Section 10: S/2