

*Entered August 17, 1971*  
*Q.L.P.*

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 4535  
Order No. R-4180

APPLICATION OF CONTINENTAL OIL  
COMPANY FOR DOWN-HOLE COMMINGLING,  
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 30, 1971, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 17th day of August, 1971, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Continental Oil Company, is the owner and operator of the SEMU Well No. 70, located in Unit I of Section 15, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the applicant seeks authority to commingle production from the Monument-Tubb and Weir Drinkard Pools in the well-bore of the above-described well and to produce the commingled production through a single string of tubing.

(4) That from the Monument-Tubb zone, the subject well is capable of low marginal production only.

(5) That from the Weir Drinkard zone, the subject well is capable of low marginal production only.

-2-

CASE NO. 4535  
Order No. R-4180

(6) That the reservoir characteristics of each of the subject zones is such that underground waste would not be caused by the proposed commingling.

(7) That the proposed commingling may result in the recovery of additional hydrocarbons from each of the subject pools, thereby preventing waste, and will not violate correlative rights.

(8) That in order to allocate the commingled production to each of the commingled zones in the subject well, 10% of the commingled oil production should be allocated to the Monument-Tubb zone, 90% of the commingled oil production to the Weir-Drinkard zone, and 100% of the commingled casinghead gas production to the Weir-Drinkard zone.

(9) That Administrative Order DC-909 should be superseded.

IT IS THEREFORE ORDERED:

(1) That the applicant, Continental Oil Company, is hereby authorized to complete its SEMU Well No. 70, located in Unit I of Section 15, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to commingle in the well-bore the production from the Monument-Tubb and Weir-Drinkard Pools and to produce said commingled production through a single string of tubing until further order of the Commission.

(2) That 10% of the commingled oil production shall be allocated to the Monument-Tubb zone, 90% of the commingled oil production shall be allocated to the Weir-Drinkard zone, and 100% of the commingled casinghead gas production to the Weir-Drinkard zone.

(3) That this order shall become effective upon approval of said downhole commingling by the Director of the United States Geological Survey.

(4) That Administrative Order DC-909 is hereby superseded.

(5) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

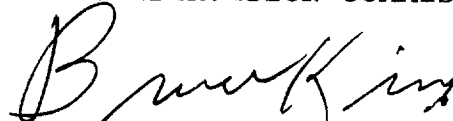
-3-


CASE NO. 4535

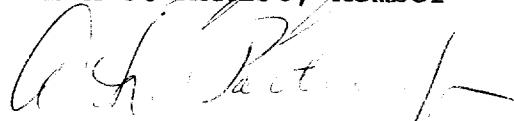
Order No. R-4180

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
BRUCE KING, Chairman

  
ALEX J. ARMIJO, Member

  
A. L. PORTER, Jr., Member & Secretary

S E A L

dr/

*Entered August 17, 1971*

*D.S.P.*

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 4577  
Order No. R-4181

NOMENCLATURE

APPLICATION OF PETROLEUM  
CORPORATION FOR THE CREATION  
OF A NEW POOL, SPECIAL RULES  
THEREFOR, AND DISCOVERY ALLOWABLE,  
EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on August 11, 1971, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 17th day of August, 1971, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Petroleum Corporation, seeks the creation of a new oil pool for Wolfcamp production in Eddy County, New Mexico, and the assignment of an oil discovery allowable in the amount of approximately 48,110 barrels to the discovery well.

(3) That the applicant also seeks the promulgation of special rules for said pool, including a provision for 160-acre proration units.

(4) That the evidence presently available indicates that Petco State Well No. 2, located in Unit N of Section 26, Township 19 South, Range 29 East, NMPM, Eddy County, New Mexico, has discovered a separate common source of supply which should be designated the Parkway-Wolfcamp Pool; that the vertical limits of said pool should be the Wolfcamp formation, and that the horizontal limits of said pool should be the SW/4 of said Section 26.

(5) That the discovery well for the aforesaid pool, Petco State Well No. 2, located in Unit N of Section 26, Township 19 South, Range 29 East, NMPM, Eddy County, New Mexico, is entitled to and should receive a bonus discovery oil allowable in the amount of 48,110 barrels, based upon the top perforations in said well at 9,622 feet, to be assigned over a two-year period.

(6) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, temporary special rules and regulations providing for 160-acre spacing units should be promulgated for the Parkway-Wolfcamp Pool.

(7) That the temporary special rules and regulations should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.

(8) That the temporary special rules and regulations should be established for a one-year period in order to allow the operators in the subject pool to gather reservoir information to establish the area that can be efficiently and economically drained and developed by one well.

(9) That this case should be reopened at an examiner hearing in September, 1972, at which time the operators in the subject pool should be prepared to appear and show cause why the Parkway-Wolfcamp Pool should not be developed on 160-acre spacing units.

IT IS THEREFORE ORDERED:

(1) That a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production, is hereby created and

-3-

CASE NO. 4577

Order No. R-4181

designated the Parkway-Wolfcamp Pool, with vertical limits comprising the Wolfcamp formation and horizontal limits comprising the following-described area:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM  
Section 26: SW/4

(2) That the aforesaid discovery well is hereby authorized an oil discovery allowable of 48,110 barrels to be assigned to said well at the rate of 66 barrels per day in accordance with Rule 509 of the Commission Rules and Regulations.

(3) That temporary Special Rules and Regulations for the Parkway-Wolfcamp Pool, Eddy County, New Mexico, are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS  
FOR THE  
PARKWAY-WOLFCAMP POOL

RULE 1. Each well completed or recompleted in the Parkway-Wolfcamp Pool or in the Wolfcamp formation within one mile thereof, and not nearer to or within the limits of another designated Wolfcamp oil pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 160 acres, more or less, substantially in the form of a square, which is a quarter section being a legal subdivision of the United States Public Land Surveys.

RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit consisting of less than 160 acres or the unorthodox size or shape of the tract is due to a variation in the legal subdivision of the United States Public Land Surveys. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the non-standard unit within 30 days after the Secretary-Director has received the application.

-4-

CASE NO. 4577

Order No. R-4181

RULE 4. Each well shall be located no nearer than 660 feet to the outer boundary of the proration unit boundary and no nearer than 330 feet to any governmental quarter-quarter section line.

RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the proposed location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all operators offsetting the proposed location if no objection to the unorthodox location has been entered within 20 days after the Secretary-Director has received the application.

RULE 6. A standard proration unit (158 through 162 acres) shall be assigned a 160-acre proportional factor of 6.77 for allowable purposes, and in the event there is more than one well on a 160-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 160 acres.

RULE 7. That the limiting gas-oil ratio shall be 2000 cubic feet of gas for each barrel of oil produced.

IT IS FURTHER ORDERED:

(1) That the locations of all wells presently drilling to or completed in the Parkway-Wolfcamp Pool or in the Wolfcamp formation within one mile thereof are hereby approved; that the operator of any well having an unorthodox location shall notify the Artesia District Office of the Commission in writing of the name and location of the well on or before September 1, 1971.

(2) That, pursuant to Paragraph A. of Section 65-3-14-5, NMSA 1953, contained in Chapter 271, Laws of 1969, existing wells in the Parkway-Wolfcamp Pool shall have dedicated thereto 160 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C. of said Section 65-3-14.5, existing wells may

-5-

CASE NO. 4577

Order No. R-4181

have non-standard spacing or proration units established by the Commission and dedicated thereto.

Failure to file new Forms C-102 with the Commission dedicating 160 acres to a well or to obtain a non-standard unit approved by the Commission within 60 days from the date of this order shall subject the well to cancellation of allowable. Until said Form C-102 has been filed or until a non-standard unit has been approved, and subject to said 60-day limitation, each well presently drilling to or completed in the Parkway-Wolfcamp Pool or in the Wolfcamp formation within one mile thereof shall receive no more than one-fourth of a standard allowable for the pool.

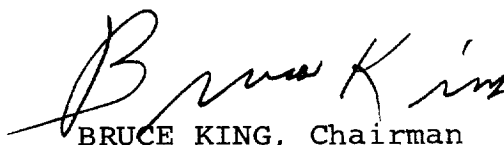
(3) That this case shall be reopened at an examiner hearing in September, 1972, at which time the operators in the subject pool may appear and show cause why the Parkway-Wolfcamp Pool should not be developed on 40-acre or 80-acre spacing units.

(4) That the above-described Petco State Well No. 2 shall not be produced until such time as it has been connected to a gas gathering facility.

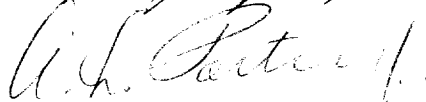
(5) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
BRUCE KING, Chairman

  
ALEX J. ARMIJO, Member



A. L. PORTER, Jr., Member & Secretary

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