

STATE OF NEW MEXICO  
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION COMMISSION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION COMMISSION  
FOR THE PURPOSE OF CONSIDERING;

APPLICATION OF EXXON CORPORATION FOR  
COMPULSORY POOLING AND AN UNORTHODOX  
WELL LOCATION, LEA COUNTY, NEW MEXICO

CASE 9832  
(DE NOVO)

APPLICATION OF SANTA FE ENERGY OPERATING  
PARTNERS, L. P., FOR COMPULSORY POOLING  
AND A NON-STANDARD GAS PRORATION UNIT,  
EDDY COUNTY, NEW MEXICO

CASE 9797  
(DE NOVO)

ORDER R-9135-A

EXXON'S PROPOSED  
ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on May 24, 1990, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this \_\_\_\_ day of May, 1990, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

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FINDS THAT:

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

(2) The Applicant, Exxon Corporation ("Exxon") seeks an order pooling all uncommitted mineral interests from the top of the Wolfcamp formation to the base of the Morrow formation underlying the E/2 of Section 20, T23S, R25E, Eddy County, New Mexico, for a non-standard 301.11 acre gas spacing and proration unit for any and all formations and/or pools spaced on 320-acre spacing and for an exemption from the Special Rules and Regulations governing the Rock Tank Upper and Lower Morrow Gas Pools as promulgated by Division Order No R-3452, as amended. Said unit to be dedicated to a well to be drilled at an unorthodox gas well location 1500 feet from the North line and 1100 feet from the East line of Section 20.

(3) Santa Fe Energy Operating Partners, L. P. ("Santa Fe") seeks an order pooling all mineral interest from the surface to the base of the Morrow formation underlying the N/2 of Section 20 with a well to be drilled at a location 1980 feet from the North line and 1980 feet from the West line within said Section 20.

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(4) The dispute between Exxon and Santa Fe is over the orientation of the spacing unit and the well location.

(5) Exxon and Santa Fe are in agreement that:

- (a) Section 20 should be developed on 320 acre gas spacing and separated from both the Rock Tank Upper and Lower Gas Pools which are spaced on 640 acre spacing;
- (b) Santa Fe should be designated the operator;
- (c) Santa Fe's proposed AFE is appropriate;
- (d) a 200% risk factor penalty is justified regardless of where the well is drilled in the section; and
- (e) Exxon's proposed overhead rates of \$5,885.00 per month while drilling and \$614.00 per month while producing are fair and reasonable.

(6) On the issue of well spacing, Exxon provided substantial geologic and engineering evidence that Section 20 was separated from the Rock Tank Upper and Lower Gas Pools based upon the following:

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- (a) Structural cross sections and structure map which demonstrate that the eastern extent of Rock Tank is found at an original gas/water contact which is between -6647 feet and 6356 feet. (Exxon Exhibits )
- (b) that the highest structural position of the Morrow in Section 20 is -6775 feet. This structural position is 419 feet downdip of the lowest productive well in the Rock Tank Pools, and 128 feet downdip of a Rock Tank well which was below the original Rock Tank gas/water contact. (Exxon Exhibit )
- (c) petroleum engineering calculations which show that while Rock Tank Upper and Lower Gas Pools are spaced on 640 acre spacing, both pools were nearing depletion with the Rock Tank Upper Morrow Pool wells averaging approximately 297 acres drained per well and the Lower Morrow Pool wells averaging approximately 491 acres drained per well.

(7) Santa Fe provided a geologic expert witness who agreed with Exxon's geologic conclusions concerning the separation of Section 20 from the Rock Tank Morrow Pools.

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(8) Santa Fe did not present any petroleum engineering witness.

(9) On the issue of the well location, Santa Fe first proposed the well be located 660 feet from the North line and 1980 feet from the East line (NW/4NE/4) of Section 20 based upon its interpretation of the geology, but because the BLM would not approve that location and because they presumed the well spacing to be 640 acres, they moved the well to a proposed location on Exxon's lease, 1980 feet from the North and West lines (SE/4NW/4) of the Section.

(10) Exxon provided geologic evidence concerning the thickness of the Lower Morrow Sandstone (identified by Santa Fe as Sequence L-1) and on the thickness of the Upper Morrow Sandstone (identified by Santa Fe as Sequence 4) and concluded that the optimum location for the well was 1500 feet from the North line and 1100 feet from the East line of Section 20.

(11) Santa Fe contended that Sequence 2 was the primary objective for development of Section 20 while Exxon demonstrated that Sequence 2 in the Morrow upon which Santa Fe relied has been tested in each of the wells on Santa Fe's cross section and found to be wet and/or non-productive in commercial quantities.

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(12) Santa Fe agreed with Exxon that the best well location in Section 20 is in the NE/4, but stated that the BLM would not approve the location because of topographical constraints.

(13) Exxon well location construction expert testified that the Exxon location was an approvable surface location on Exxon acreage and would meet the BLM requirements.

(14) The NE/4 of the Section is the optimum location for the initial well and Exxon's proposed location should be approved as the location for the first well in the section.

(15) On the issue of the orientation of the spacing unit, Exxon provided substantial geologic evidence that two stand up units (E/2 and W/2) with the first well located in the NE/4 and the second well in the NW/4 would provide the maximum opportunity for full development of the section with two wells.

(16) Although Santa Fe testified that a lay-down orientation of the spacing units with wells in the NE/4 and SE/4 was the best, they in fact staked their well location in the NW/4, which is inconsistent with Santa Fe's geologic testimony.

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(17) Exxon presented engineering evidence which justifies spacing Section 20 on state wide 320 acre gas spacing.

(18) Exxon presented engineering evidence which justifies two wells in the section. Santa Fe provided no engineering evidence.

(19) Exxon's proposed orientation of the spacing unit with E/2 dedicated to the initial well is the orientation which will more practically result in the full development of the section.

(20) While Santa Fe contended that the BLM would not approve the drilling of a well at the Exxon proposed location, Exxon has provided written confirmation from the BLM showing approval of an area immediately south of the Exxon location 1500 feet from the North line and 1100 feet from the East line of Section 20.

(21) Exxon and Santa Fe both presented structural interpretations (Exhibit SF and Exxon ) which are in general agreement about the orientation of the structure, however both testified that sand thickness is more important than structure as a criterion for the location of the initial well.

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(22) Exxon was the only party to present geologic isoliths on the Morrow intervals proven productive in the immediate area.

(23) Although the NW/4 has better structural position than the NE/4, the NE/4 of Section 20 has significantly greater reservoir thickness than the NW/4 (Exxon Exhibit ) and maximizing thickness is more important than structure for the initial well.

(24) Santa Fe testified that they would drill the well regardless of which orientation was determined best.

(25) To avoid the drilling of unnecessary wells, to protect correlative rights, to avoid waste, and to afford to the owner of each interest in said unit the opportunity to recover or receive without unnecessary expense his just and fair share of the production in any pool completion resulting from this order, the subject application as amended should be approved by pooling all mineral interests whatever they may be, within said amended unit.

(26) Santa Fe should be designated the operator of the subject well and unit.



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(27) Any non-consenting working interest owner should be afforded the opportunity to pay his share of estimated well costs to the operator in lieu of paying his share of reasonable well costs out of production.

(28) Both Exxon and Santa Fe proposed a 200% risk penalty to be assessed against those interest owners subject to the force-pooling provisions of this order, and in support thereof presented evidence and testimony at the hearing.

(29) While the Division is precluded by statute from awarding a risk factor penalty of more than 200%, it is common in the industry for working interest owners to acknowledge that the geologic risk of certain wells will far exceed that maximum.

(30) Although the proposed unorthodox well location allows the operator and working interest owners to reduce the geologic risk involved in drilling and completing the subject well that does not diminish the risk to less than the maximum 200% risk factor penalty.

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(31) Any non-consenting working interest owner who does not pay his share of estimated well costs should have withheld from production his share of the reasonable well costs plus an additional 200% thereof as a reasonable charge for the risk involved in the drilling of the well.

(32) Any non-consenting interest owner should be afforded the opportunity to object to the actual well costs, but actual well costs should be adopted as the reasonable well costs in the absence of such objection.

(33) Following determination of reasonable well costs, any non-consenting working interest owner who has paid his share of estimated costs should pay to the operator any amount that reasonable well costs exceed estimated well costs and should receive from the operator any amount that paid estimated well costs exceed reasonable well costs.

(34) \$5500.00 per month while drilling and \$550.00 per month while producing should be fixed as reasonable charges for supervision (combined fixed rates); the operator should be authorized to withhold from production the proportionate share of such supervision charges attributable to each non-consenting working interest, and in addition thereto, the operator should be authorized to withhold from production the proportionate share of actual expenditures

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required for operating the subject well not in excess of what are reasonable, attributable to each non-consenting working interest.

(35) All proceeds from production from the subject well which are not disbursed for any reason should be placed in escrow to be paid to the true owner thereof upon demand and proof of ownership.

(36) Upon the failure of the operator of said pooled unit to commence the drilling of the well to which said unit is dedicated on or before March 1, 1990, the order pooling said unit should become null and void and of no effect whatsoever.

(37) Should all parties to this forced pooling reach voluntary agreement subsequent to entry of this order, this order shall thereafter be of no further effect.

(38) The operator of the well and unit shall notify the Director of the Division in writing of the subsequent voluntary agreement of all parties subject to the forced pooling provisions of this order.

IT IS THEREFORE ORDERED THAT:

(1) All mineral interest, whatever they may be, from the top of the Wolfcamp formation the base of the Morrow formation, underlying the E/2 of Section 20, T23S, R25E,

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N.M.P.M., Eddy County, New Mexico, are hereby pooled to be dedicated to a well to be drilled at an unorthodox well location approximately 1500 feet from the North line and 1100 feet from the East line of said Section 20.

(2) The application of Exxon is hereby granted.

(3) The application of Santa Fe is hereby DENIED.

(4) That Santa Fe Energy Operating Partners, L. P. is hereby designated as operator.

PROVIDED HOWEVER THAT, the operator of said unit shall commence the drilling of said well on or before the 1st day of \_\_\_\_\_, 1990, and shall thereafter continue the drilling of said well with due diligence to a depth sufficient to test the Morrow formation.

PROVIDED FURTHER THAT, in the event said operator does not commence the drilling of said well on or before the 1st day of \_\_\_\_\_, 1990, Ordering Paragraph No. (1) of this order shall be null and void and of no effect whatsoever, unless said operator obtains a time extension from the Division for good cause shown.

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PROVIDED FURTHER THAT, should said well not be drilled to completion, or abandonment, within 120 days after commencement thereof, said operator shall appear before the Division Director and show cause why Ordering Paragraph No. (1) of this order should not be rescinded.

(5) After the effective date of this order and within 90 days prior to commencing said well, the operator shall furnish the Division and each known working interest owner in the subject unit an itemized schedule of estimated well costs.

(6) Within 30 days from the date the schedule of estimated well costs is furnished to him any non-consenting working interest owner shall have the right to pay his share of estimated well costs to the operator in lieu of paying his share of reasonable well costs out of production and any such owner who pays his share of estimated well costs as provided above shall remain liable for operating costs but shall not be liable for risk charges.

(7) The operator shall furnish the Division and each known working interest owner an itemized schedule of actual well costs within 90 days following completion of the well;

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if no objection to the actual well costs is received by the Division and the Division has not objected within 45 days following receipt of said schedule, the actual well costs shall be the reasonable well costs; provided however, if there is objection to actual well costs within said 45-day period the Division will determine reasonable well costs after public notice and hearing.

(8) Within 60 days following determination of reasonable well costs, any non-consenting working interest owner who has paid his share of estimated well costs in advance as provided above shall pay to the operator his pro rata share of the amount that reasonable well costs exceed estimated well costs and shall receive from the operator his pro rata share of the amount that estimated well costs exceed reasonable well costs.

(9) The operator is hereby authorized to withhold the following costs and charges from production:

(a) The pro rata share of reasonable well costs attributable to each non-consenting working interest owner who has not paid his share of estimated well costs within 30 days from the date the schedule of estimated well costs is furnished to him, and

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(b) As a charge for the risk involved in the drilling of the well, 200% of the pro rata share of reasonable well costs attributable to each non-consenting working interest owner who has not paid his share of estimated well costs within 30 days from the date the schedule of estimated well costs is furnished to him.

(10) The operator shall distribute said costs and charges withheld from production to the parties who advanced the well costs.

(11) \$5500.00 per month while drilling and \$550.00 per month while producing are hereby fixed as reasonable charges for supervision (combined fixed rates); the operator is hereby authorized to withhold from production the proportionate share of such supervision charges attributable to each non-consenting working interest, and in addition thereto, the operator is hereby authorized to withhold from production the proportionate share of actual expenditures required for operating such well, not in excess of what are reasonable, attributable to each non-consenting working interest.

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(12) Any unleased mineral interest shall be considered a seven-eighths ( $7/8$ ) working interest and a one-eighth ( $1/8$ ) royalty interest for the purpose of allocating costs and charges under the terms of this order.

(13) Any well costs or charges which are to be paid out of production shall be withheld only from the working interest's share of production, and no costs or charges shall be withheld from production attributable to royalty interests.

(14) All proceeds from production from the subject well which are not disbursed for any reason shall immediately be placed in escrow in Eddy County, New Mexico, to be paid to the true owner thereof upon demand and proof of ownership; the operator shall notify the Division of the name and address of said escrow agent within 30 days from the date of first deposit with said escrow agent.

(15) Should all parties to this forced pooling order reach voluntary agreement subsequent to entry of this order, this order shall thereafter be of no further effect.

(16) The operator of the well and unit shall notify the Director of the Division in writing of the subsequent voluntary agreement of all parties subject to the forced pooling provisions of this order.



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(17) 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

SEAL

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION COMMISSION

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

CASE NO. 9797 and 9832  
ORDER NO. R-9135-A

APPLICATION OF SANTA FE ENERGY  
OPERATING PARTNERS, L. P. FOR  
COMPULSORY POOLING AND NON-STANDARD  
GAS PRORATION UNIT, EDDY COUNTY,  
NEW MEXICO

APPLICATION OF EXXON COMPANY, U.S.A.  
FOR COMPULSORY POOLING, UNORTHODOX  
GAS WELL LOCATION AND NON-STANDARD  
GAS PRORATION UNIT, EDDY COUNTY,  
NEW MEXICO

SANTA FE ENERGY OPERATING PARTNERS, L.P.

PROPOSED ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on May 24, 1990, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico ("Commission").

NOW, on this \_\_\_\_ day of \_\_\_\_\_, 1990, the Commission, having considered the testimony, the exhibits presented at said hearing, and being fully advised in the premises,

FINDS THAT:

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

2. The applicant in Case 9797, Santa Fe Energy Operating Partners, L.P. (Santa Fe), seeks an order pooling all mineral interests from the surface to the base of the Morrow formation underlying the following described acreage in Irregular Section 20, Township 23 South, Range 25 East, and in the following manner:

(1) all of said Section 20 to form a non-standard 599.41-acre, more or less, gas spacing and proration unit for the Undesignated Rock Tank-Lower Morrow Gas Pool and Undesignated Rock Tank-Upper Morrow Gas Pool; and,

(2) Lots 1 through 7 and the NW/4NE/4 (N/2 equivalent) of said Section 20, forming a non-standard 301.37-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical extent.

Both units are to be dedicated to a single well to be drilled at a standard gas well location 1980 feet from the North and West lines (Unit F) of said Section 20.

3. The applicant in Case 9832, Exxon Company, U.S.A. (Exxon), seeks an order pooling all mineral interests from the top of the Wolfcamp formation to the base of the Morrow Formation, underlying the NW/4NE/4 and Lots 1, 6, 7, 8, 9, 14 and 15 (E/2 equivalent) of Section 20, Township 23 South,

Range 25 East, forming a non-standard 301.11-acre gas spacing and proration unit for any and all formations and or pools developed on 320-acre spacing within said vertical extent. Applicant further seeks to be exempt from the Special Rules and Regulations governing the Rock Tank-Upper and Lower Morrow Gas Pools as promulgated by Division Order No. R-3452, as amended. Said unit is to be dedicated to a well to be drilled at an unorthodox gas well location 1500 feet from the North line and 1100 feet from the East line (Unit A) of said Section 20.

4. Each applicant, Santa Fe and Exxon, seeks to name Santa Fe the operator of the unit each seeks to have pooled. Also, each applicant has the right to drill and both propose to drill a well upon their respective units, as described above, to a depth sufficient to test the Morrow formation.

5. The applications were docketed for hearing on November 29, 1989, and were consolidated before Examiner Michael E. Stogner and, pursuant to these hearings, Order No. R-9135 was issued on March 28, 1990, denying the application of Exxon in Case No. 9797 and granting the application of Santa Fe in Case No. 9832. Santa Fe was designated the operator of subject well and unit.

6. A timely application for hearing De Novo was made by Exxon in this case and the matter was set for hearing before the Commission.

7. The matter came on for hearing De Novo before the Commission on May 24, 1990.

8. During the pendency of this action Order No. R-9135 has not been stayed and is in full force and effect.

9. The record in Case Nos. 9832 and 9797 made before the Division Examiner is made a part of the record in this de novo case. The parties before the Commission have stipulated to the well costs, administrative overhead charges and penalty provisions in the Commission Orders.

10. Case Nos. 9797 and 9832 were consolidated for purpose of hearing and should be consolidated for purpose of issuing an order inasmuch as the cases involve certain common acreage and the granting of one application would necessarily require the concomitant denial of the other.

11. There are interest owners in each of the proposed proration units who have not agreed to pool their interests.

12. Section 20 is within one mile of both the Rock Tank-Upper and Lower Morrow Gas Pool boundaries and are therefore subject to the Special Rules and Regulations governing both pools as promulgated by Division Order No. R-3428, as amended, which includes 640-acre spacing and designated well location requirements.

13. Topographical conditions within the NE/4 of said Section 20 require that the proposed well not be located in said NE/4.

14. Insofar as the call of Case No. 9797 was for a well to be drilled at a standard gas well location 1980 feet from the North and West lines (Unit F) of said Section 20, any attempt to relocate this well to an unorthodox gas well location would be beyond the call of this case; however, the establishment of a window in the N/2 equivalent of said Section 20 for an amended well location that would meet the standard well location requirements for both the Morrow zones spaced on 640 acres and all other applicable zones spaced on 320 acres would be permissible and in the best interest of conservation. Therefore said well location should be no closer than 1650 feet from the North, East and West lines of Section 20, nor closer than 660 feet from the half-section line separating the N/2 and S/2 equivalents of Section 20, nor closer than 330 feet from the quarter-quarter section line between Lots 6 and 7.

15. Where there are competing forced-pooling applications, there is a presumption that the application which seeks to consolidate lands into a standard proration unit based on existing special pool rules will be more in the interest of prevention of waste and protection of correlative rights than an application which, directly or indirectly, seeks an exception to such pool rules, especially in the absence of any geological and/or engineering data directly derived from the proposed

proration unit. That presumption is rebuttable but can only be overcome by substantial evidence.

16. Exxon did not overcome the presumption in Finding Paragraph No. 15 which favors a standard proration unit because no evidence was presented to demonstrate that Section 20 did not include part of the Rock Tank Upper and Lower Morrow Gas Pools.

17. There is insufficient geological evidence available in this area at this time to justify any other spacing than what is allowed by the Commission Rules applicable to this particular matter; therefore, the one mile extension to both the Rock Tank-Upper and Lower Morrow Gas Pools by which the Morrow formation is governed should prevail and Exxon's request for 320-acre spacing for said Morrow formation in section 20 should be denied.

18. Order No. R-8959 should be affirmed and made an order of the Commission in this proceeding.

19. To avoid drilling of unnecessary wells, to protect correlative rights, to prevent waste and to afford to the owner of each interest in said unit the opportunity to recover or receive without unnecessary expense his just and fair share of the gas in any pool resulting from this order, the application of Santa Fe Energy Operating Partners, L.P. in Case No. 9797 should be approved by pooling all mineral interests, whatever they may be from the surface to the base of the Morrow formation, underlying following described

acreage in Irregular Section 20, Township 23 South, Range 25 East, NMPM, Eddy County, New Mexico, and in the following manner:

(1) all of said Section 20 to form a non-standard 599.41 acre, more or less, gas spacing and proration unit for the Undesignated Rock Tank-lower Morrow Gas Pool and Undesignated Rock Tank-Upper Morrow Gas Pool (both pools which are developed on 640-acre spacing), and

(2) Lots 1 through 7 and the NW/4SE/4 (N/2 equivalent) of said Section 20, forming a non-standard 301.37-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical limits.

Both units are to be dedicated to a single well to be drilled at a standard gas well location meeting the requirements as described above in Finding Paragraph No. 10.

20. Santa Fe Energy Operating Partners, L.P. should be designated the operator of the subject well and units.

21. Any non-consenting working interest owner should be afforded the opportunity to pay his share of estimated well costs to the operator in lieu of paying his share of reasonable well costs out of production.

22. Any non-consenting working interest owner who does not pay his share of estimated well costs should have withheld from producing his share of the reasonable well



costs plus an additional 200 percent thereof as a reasonable charge for the risk involved in the drilling of the well.

23. Any non-consenting interest owner should be afforded the opportunity to object to the actual well costs but actual well costs should be adopted as the reasonable well costs in the absence of such objection.

24. Following determination of reasonable well costs, any non-consenting working interest owner who has paid his share of estimated costs should pay to the operator any amount that reasonable well costs exceed estimated well costs and should receive from the operator any amount that paid estimated well costs exceed reasonable well costs.

25. \$5,500.00 per month while drilling and \$550.00 per month while producing should be fixed as reasonable charges for supervisions (combined fixed rates); the operator should be authorized to withhold from production the proportionate share of such supervision charges attributable to each non-consenting working interest, and in addition thereto, the operator should be authorized to withhold from production the proportionate share of actual expenditures required for operating the subject well, not in excess of what are reasonable, attributable to each non-consenting working interest.

26. All proceeds from production from the subject well which are not disbursed for any reason should be placed in

escrow to be paid to the true owner thereof upon demand and proof of ownership.

27. Upon the failure of the operator of said pooled unit to commence the drilling of the well to which said unit is dedicated on or before \_\_\_\_\_, 1990, the Order pooling said unit should become null and void and of no effect whatsoever.

28. Should all the parties to this forced pooling reach voluntary agreement subsequent to entry of this order, this order shall thereafter be of no further effect.

29. The operator of the well and unit shall notify the Director of the Commission in writing of the subsequent voluntary agreement of all parties subject to the forced pooling provision of this order.

IT IS THEREFORE ORDERED THAT:

1. The application of Exxon in Case No. 9832 for an order pooling all mineral interests, whatever they may be, from the top of the Wolfcamp formation to the base of the Morrow formation, underlying the NW/4NE/4 and Lots 1, 6, 7, 8, 9, 14 and 15 (E/2 equivalent) of Section 20, Township 23 South, Range 25 East, NMPM, Eddy County, New Mexico, forming a non-standard 301.11-acre gas spacing and proration unit to be dedicated to a well to be frilled at an unorthodox gas well location 600 feet from the North Line and 660 feet from the East line (Unit A) of said Section is hereby denied.

2. All mineral interests, whatever they may be, from the surface to the base of the Morrow formation, underlying following described acreage in Irregular Section 20, Township 23 South, Range 25 East, NMPM, Eddy County, New Mexico, and in the following manner are hereby pooled:

(1) all of said Section 20 to form a non-standard 599.41-acre, more or less gas spacing and proration unit for Undesignated Rock Tank-Lower Morrow Gas Pool and Undesignated Rock Tank-Upper Morrow Gas Pool (both pools which are developed on 640-acre spacing); and

(2) Lots 1 through 7 and the NW/4SE/4 (N/2 equivalent) of said Section 20, forming a non-standard 301.37-acre gas spacing and proration unit for any and all formations and/or pools developed on 320-acre spacing within said vertical limits.

Both units are to be dedicated to a single well to be drilled at a standard gas well location being no closer than 1650 feet from the North, East and West lines of Section 20, nor closer than 660 feet from the half-section line separating the N/2 and S/2 equivalents of Section 20, nor closer than 330 feet from the quarter-quarter section line between Lots 6 and 7.

PROVIDED HOWEVER THAT, the operator of said unit shall commence the drilling of said well on or before the 15th day of June, 1990, and shall thereafter continue the drilling of

said well with due diligence to a depth sufficient to test the Morrow formation.

PROVIDED FURTHER THAT, in the event said operator does not commence the drilling of said well on or before the 15 day of June, 1990, Decretory Paragraph No. 1 of this order shall be null and void and of no effect whatsoever, unless said operator obtains a time extension from the Commission for good cause shown.

PROVIDED FURTHER THAT, should said well not be drilled to completion or abandonment, within 120 days after commencement thereof said operator shall appear before the Commission Director and show cause why Decretory Paragraph No. 2 of this Order should not be rescinded.

3. Santa Fe Energy Operating Partners, L.P. is hereby designated the operator of the subject well and units.

4. After the effective date of this Order and within 90 days prior to commencing said well, the operator shall furnish the Commission and each known working interest owner in the subject units an itemized schedule of estimated well costs.

5. Within 30 days from the date the schedule of estimated well costs is furnished to him, any non-consenting working interest owner shall have the right to pay his share of estimated well costs to the operator in lieu of paying his share of reasonable well costs out of production, and any such owner who pays his share of estimated well costs as

provided above shall remain liable for operating costs but shall not be liable for risk charges.

6. The operator shall furnish the Commission and each known working interest owner an itemized schedule of actual well costs within 90 days following completion of the well; if no objection to the actual well costs is received by the Commission and the Commission has not objected within 45 days following receipt of said schedule, the actual well costs shall be the reasonable well costs; provided however, if there is objection to actual well costs within said 45-day period the Commission will determine reasonable well costs after public notice and hearing.

7. Within 60 days following determination of reasonable well costs, any non-consenting working interest owner who has paid his share of estimated well costs in advance as provided above shall pay to the operator his pro rata share of the amount that reasonable well costs exceed estimated well costs and shall receive from the operator his pro rata share of the amount that estimated well costs exceed reasonable well costs.

8. The operator is hereby authorized to withhold the following costs and charges from production:

- (A) The pro rata share of reasonable well costs attributable to each non-consenting working interest owner who has not paid his share of estimated well costs within 30 days from the date

the schedule of estimated well costs is furnished to him.

- (B) As a charge for the risk involved in the drilling of the well, 200 percent of the pro rata share of reasonable well costs attributable to each non-consenting working interest owner who has not paid his share of estimated well costs within 30 days from the date the schedule of estimated well costs is furnished to him.

9. The operator shall distribute said costs and charges withheld from production to the parties who advanced the well costs.

10. \$5,500.00 per month while drilling and \$550.00 per month while producing are hereby fixed as reasonable charges for supervision (combined fixed rates); the operator is hereby authorized to withhold from production the proportionate share of such supervision charges attributable to each non-consenting working interest, and in addition thereto, the operator is hereby authorized to withhold from production the proportionate share of actual expenditures required for operating such well, not in excess of what are reasonable, attributable to each non-consenting working interest.

11. Any unleased mineral interest shall be considered a seven-eighths (7/8) working interest and a one-eighth

(1/8) royalty interest for the purpose of allocating costs and charges under the terms of this order.

12. Any well costs or charges which are to be paid out of production shall be withheld only from the working interest's share of production, and no costs or charges shall be withheld from production attributable to royalty interest.

13. All proceeds from production from the subject well which are not disbursed for any reasons shall immediately be placed in escrow in Lea County, New Mexico, to be paid to the true owner thereof upon demand and proof of ownership; the operator shall notify the Division of the name and address of said escrow agent within 30 days from the date of first deposit with said escrow agent.

14. Should all parties to this forced pooling order reach voluntary agreement subsequent to entry of this order, this order shall thereafter be of no further effect.

15. The operator of the well and unit shall notify the Commission in writing of the subsequent voluntary agreement of all parties subject to the forced pooling provisions of this order.

16. 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

WILLIAM R. HUMPHRIES  
Member

WILLIAM WEISS  
Member

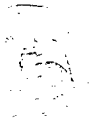
WILLIAM J. LEMAY  
Chairman and Secretary

S E A L



STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION



July 11, 1990

GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

Mr. Ernest L. Padilla  
Padilla & Snyder  
Attorneys at Law  
Post Office Box 2523  
Santa Fe, New Mexico

Re: CASE NO. 9797 and 9832  
ORDER NO. R-9135-A

Applicant:  
Santa Fe Energy Operating Partners, L.P.  
Exxon Company, U.S.A.

Dear Sir:

Enclosed herewith are two copies of the above-referenced  
Commission order recently entered in the subject case.

Sincerely,

*Florence Davidson*

FLORENE DAVIDSON  
OC Staff Specialist

Copy of order also sent to:

Hobbs OCD       x        
Artesia OCD       x        
Aztec OCD                   

Other Thomas Kellahin