

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

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

CASE NO. 6965  
Order No. R-6497

APPLICATION OF SUPRON ENERGY  
CORPORATION FOR A NON-STANDARD  
GAS PRORATION UNIT, RIO ARRIBA  
COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on July 9, 1980, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 21st day of October, 1980, the Division Director, 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 Division has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Supron Energy Corporation, is the owner of all working interest rights in the Mesaverde formation underlying the SE/4 of Section 8, Township 25 North, Range 3 West, NMPM, Rio Arriba County, New Mexico, and proposes the establishment of a 160-acre non-standard gas proration unit in the Blanco Mesaverde Pool comprising said lands to be dedicated to a well it proposes to drill at a standard location thereon.

(3) That the applicant in Case No. 6896, John E. Schalk, proposes the establishment of a 160-acre non-standard gas proration unit in the Blanco Mesaverde Pool comprising the NE/4 of Section 8, Township 25 North, Range 3 West, NMPM, Rio Arriba County, New Mexico, to be dedicated to a well he proposes to drill at a standard location thereon.

(4) That by Order No. R-1670-T, dated November 14, 1974, the Division authorized the drilling of a second well on each 320-acre Blanco Mesaverde proration unit, thereby creating in effect a 160-acre spacing pattern for said pool.

(5) That the W/2 of Section 8 comprises a 320-acre Blanco Mesaverde gas proration unit, and has dedicated thereto two wells, one in the NW/4 of the section and the other in the SW/4 of the section.

(6) That approval of the subject application, together with the application in Case No. 6896, to form two 160-acre non-standard units in the E/2 of Section 8 would authorize the full development of the E/2 of Section 8 by the drilling of two wells thereon, and would save the administrative overhead and legal expense which would be required by the communitization of the NE/4 and SE/4 of the section to form a single 320-acre unit to be dedicated to two wells.

(7) That approval of the application in this case will prevent waste and will not impair correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Supron Energy Corporation, is hereby granted approval for a 160-acre non-standard gas proration unit comprising the SE/4 of Section 8, Township 25 North, Range 3 West, NMPM, Blanco Mesaverde Pool, Rio Arriba County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon.

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

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

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
JOE D. RAMEY  
Director

S E A L  
fd/

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

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

CASE NO. 6965 DE NOVO  
Order No. R-6497-A

APPLICATION OF SUPRON ENERGY  
CORPORATION FOR A NON-STANDARD  
GAS PRORATION UNIT, RIO ARRIBA  
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 19, 1981, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 9th day of February, 1981, 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,

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, Supron Energy Corporation, seeks an order for the establishment of a 160-acre non-standard gas proration unit in the Blanco Mesaverde Pool comprising the SE/4 of Section 8, Township 25 North, Range 3 West, NMPM, Rio Arriba County, New Mexico.
- (3) That the matter came on for hearing at 9 a.m. on July 9, 1980, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter and, pursuant to this hearing, Order No. R-6497 was issued on October 21, 1980, which granted Supron's application for a 160-acre non-standard gas proration unit in the Blanco Mesaverde Pool comprising the SE/4 of Section 8, Township 25 North, Range 3 West, NMPM, Rio Arriba County, New Mexico.

(4) That on November 17, 1980, application for Hearing De Novo was made by Curtis J. Little and Beartooth Oil and Gas Company and the matter was set for hearing before the Commission.

(5) That the matter came on for hearing de novo on January 19, 1981.

(6) That the evidence adduced at said hearing indicates that Division Order No. R-6497 entered October 21, 1980, should be affirmed.

IT IS THEREFORE ORDERED:

(1) That Division Order No. R-6497, entered October 21, 1980, is hereby affirmed.

(2) 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 herein-above designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

ALEX J. ARMIJO, Member

  
EMERY C. ARNOLD, Member

  
JOE D. RAMEY, Member & Secretary

S E A L

fd/

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

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

CASE NO. 6896  
Order No. R-6496

APPLICATION OF JOHN E. SCHALK  
FOR A NON-STANDARD GAS PRORATION  
UNIT AND AN UNORTHODOX GAS WELL  
LOCATION, RIO ARriba COUNTY,  
NEW MEXICO.

*See Also Order No. R-6496-A  
R-6496-B*

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on July 9, 1980,  
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 21st day of October, 1980, the Division  
Director, 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 Division has jurisdiction of this cause and the sub-  
ject matter thereof.

(2) That the applicant, John E. Schalk, is the owner of a  
50 percent undivided working interest in the Mesaverde formation  
underlying the NE/4 of Section 8, Township 25 North, Range 3  
West, NMPM, Rio Arriba County, New Mexico, and proposes the  
establishment of a 160-acre non-standard gas proration unit in  
the Blanco Mesaverde Pool comprising said lands to be dedicated  
to a well to be drilled thereon.

(3) That the application for hearing was for said well  
to be drilled at an unorthodox location, but the applicant has  
requested dismissal of that portion of the application and would  
drill the well at a standard location.

(4) That the applicant in Case No. 6965, Supron Energy  
Corporation, proposes the establishment of a 160-acre non-standard

Case No. 6896  
Order No. R-6496

gas proration unit in the Blanco Mesaverde Pool comprising the SE/4 of Section 8, Township 25 North, Range 3 West, NMPM, Rio Arriba County, New Mexico, to be dedicated to a well it proposes to drill at a standard location thereon.

(5) That by Order No. R-1670-T, dated November 14, 1974, the Division authorized the drilling of a second well on each 320-acre Blanco Mesaverde proration unit, thereby creating in effect a 160-acre spacing pattern for said pool.

(6) That the W/2 of Section 8 comprises a 320-acre Blanco Mesaverde gas proration unit, and has dedicated thereto two wells, one in the NW/4 of the section and the other in the SW/4 of the section.

(7) That approval of the subject application, together with the application in Case No. 6965, to form two 160-acre non-standard units in the E/2 of Section 8 would authorize the full development of the E/2 of Section 8 by the drilling of two wells thereon, and would save the administrative overhead and legal expense which would be required by the communitization of the NE/4 and SE/4 of the section to form a single 320-acre unit to be dedicated to two wells.

(8) That approval of the aforesaid 160-acre units for the Blanco Mesaverde Pool does not preclude the creation of a single 320-acre unit for the Dakota formation or the creation of two 160-acre non-standard Dakota units in the E/2 of Section 8, nor the drilling of either one or two wells to the Dakota formation, should any of the owners in the W/2 of Section 8 so desire.

(9) That approval of the application in this case will prevent waste and will not impair correlative rights.

(10) That the application for an unorthodox gas well location should be dismissed.

IT IS THEREFORE ORDERED:

(1) That the applicant, John E. Schalk, is hereby granted approval for a 160-acre non-standard gas proration unit comprising the NE/4 of Section 8, Township 25 North, Range 3 West, NMPM, Blanco Mesaverde Pool, Rio Arriba County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon.

(2) That the application in this case for an unorthodox gas well location is hereby dismissed.

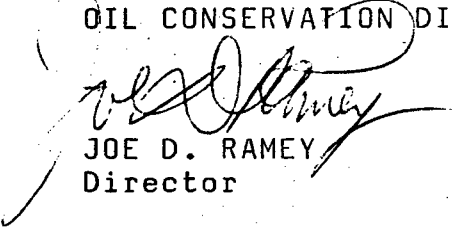
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Case No. 6896  
Order No. R-6496

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

DONE at Santa Fe, New Mexico, on the day and year herein-above designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



JOE D. RAMEY  
Director

S E A L

fd/

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

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

CASE NO. 6896 DE NOVO  
Order No. R-6496-A

APPLICATION OF JOHN E. SCHALK FOR  
A NON-STANDARD GAS PRORATION UNIT  
AND AN UNORTHODOX GAS WELL LOCATION,  
RIO ARriba COUNTY, NEW MEXICO.

*See Also Order No.*

*R-6496*

*R-6496-A*

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 19, 1981, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 9th day of February, 1981, 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,

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, John E. Schalk, seeks an order for the establishment of a 160-acre non-standard gas proration unit and an unorthodox gas well location in the Blanco Mesaverde Pool comprising the NE/4 of Section 8, Township 25 North, Range 3 West, NMPM, Rio Arriba County, New Mexico.

(3) That the matter came on for hearing at 9 a.m. on July 9, 1980, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter and, pursuant to this hearing, Order No. R-6496 was issued on October 21, 1980, which granted Schalk's application for a 160-acre non-standard gas proration unit in the Blanco Mesaverde Pool comprising the NE/4 of Section 8, Township 25 North, Range 3 West, NMPM, Rio Arriba County, New Mexico.



Case No. 6896 De Novo  
Order No. R-6496-A

(4) That on November 17, 1980, application for Hearing De Novo was made by Curtis J. Little and Beartooth Oil and Gas Company and the matter was set for hearing before the Commission.

(5) That the matter came on for hearing de novo on January 19, 1981.

(6) That the evidence adduced at said hearing indicates that Division Order No. R-6496 entered October 21, 1980, should be affirmed.

IT IS THEREFORE ORDERED:

(1) That Division Order No. R-6496, entered October 21, 1980, is hereby affirmed.

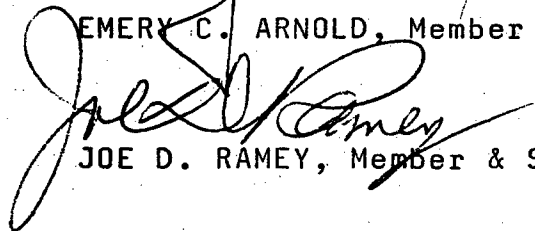
(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

ALEX J. ARMIJO, Member

  
EMERY C. ARNOLD, Member

  
JOE D. RAMEY, Member & Secretary

S E A L

fd/

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

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

CASE No. 9096  
Order No. R-6496-B

APPLICATION OF JOHN E. SCHALK FOR AN  
EXCEPTION TO RULE 5(a)2(2) OF DIVISION  
ORDER NO. R-8170, AS AMENDED, RIO  
ARRIBA COUNTY, NEW MEXICO.

*See Also Order No.*

*R-6496*

*R-6496-A*

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on March 4, 1987, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 2nd day of May, 1988, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

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

(2) At the time of the hearing Division Case Nos. 9096, 9097, 9098, 9099, 9100 and 9101 were consolidated for the purpose of testimony.

(3) Division Order No. R-6496, dated October 21, 1980 and affirmed by the Oil Conservation Commission by Order No. R-6496-A, dated February 9, 1981, authorized a 160-acre non-standard gas proration unit comprising the NE/4 of Section 8, Township 25 North, Range 3 West, NMPM, Blanco-Mesaverde Pool, Rio Arriba County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon.

(4) Subsequently, this acreage was dedicated to the Schalk Gulf Well No. 2 located 1725 feet from the North line and 1640 feet from the East line (Unit G) of said Section 8.

(5) The applicant, John E. Schalk, now seeks an exception to Rule 5(a)2(2) of the General Rules for the Prorated Gas Pools in New Mexico as promulgated by Division Order No. R-8170, as amended, permitting the application of a full deliverability factor in the formula utilized in determining the allowable in the Blanco- Mesaverde Pool for said non-standard gas spacing and proration unit.

(6) In utilizing the current formula for calculating gas allocations in the Blanco-Mesaverde Pool as contained in said Order No. R-8170, according to the testimony presented at the hearing there exists an inequity in that the gas allowable assigned a standard 320-acre proration unit (GPU) containing two wells is greater than the sum of the gas allowables assigned to two adjacent 160-acre non-standard gas proration units of equal deliverability.

(7) The effect of granting the application would be to substitute a deliverability (D) factor in place of the acreage times deliverability (AD) factor contrary to the applicable pool rules and would create other inequities in the pool.

(8) This particular variation of GPU sizes is a common phenomenon in the Blanco-Mesaverde Pool; therefore, a pool-wide rule change would be a more appropriate approach to solving this problem rather than filing exceptions in each case such as this.

(9) Granting this application would also invite numerous applications for similar treatment and would discourage rather than encourage the formation of standard 320-acre GPU's, all of which could disrupt the allocation of gas on an equitable basis in the pool.

(10) This application should therefore be denied.

IT IS THEREFORE ORDERED THAT:

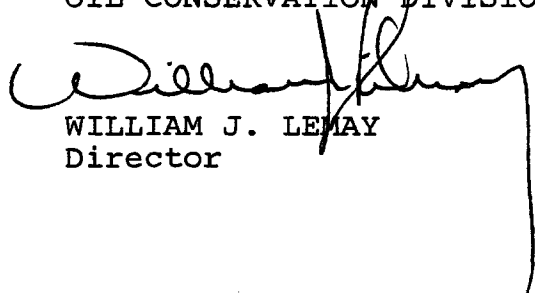
(1) The application of John E. Schalk for an exception to Rule 5(a)2(2) of the General Rules for the Prorated Gas Pools of New Mexico as promulgated by Division Order No. R-8170, as amended, permitting the application of the well's deliverability multiplied by one (1.0) in the AD portion of the allowable formula for the 160-acre non-standard gas spacing and proration unit authorized by Division Order No. R-6496, as amended, comprising the NE/4 of Section 8, Township 25 North, Range 3 West, NMPM, Blanco-Mesaverde Pool, Rio Arriba County, New Mexico, and

dedicated to the Schalk Gulf Well No. 2 located 1725 feet from the North line and 1640 feet from the East line (Unit G) of said Section 8, is hereby denied.

(2) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY  
Director

S E A L

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

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

CASE NO. 9228  
Order No. R-8544

THE APPLICATION OF THE OIL CONSERVATION  
DIVISION UPON ITS OWN MOTION FOR AN  
ORDER ABOLISHING AND EXTENDING CERTAIN  
POOLS IN RIO ARRIBA AND SANDOVAL COUNTIES,  
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on October 15, 1987, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 19th day of November, 1987, 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,

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) Geologic and engineering testimony and exhibits show that the producing areas described as the Ojito Gallup-Dakota Oil Pool and the West Lindrith Gallup-Dakota Oil Pool are one common source of supply.
- (3) The Ojito Gallup-Dakota Oil Pool is spaced at one well per forty (40) acres; however, with the exception of the E/2 NE/4 of Section 1, Township 25 North, Range 3 West, it has been developed on one well per one hundred sixty (160) acres. The West Lindrith Gallup-Dakota Oil Pool is spaced at one well per one hundred sixty (160) acres.
- (4) Geological and engineering testimony and exhibits show that one well will efficiently drain one hundred sixty (160) acres in the Ojito Gallup-Dakota and in the West Lindrith

Gallup-Dakota Oil Pools, and that drilling and spacing units of one hundred sixty (160) acres will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

(5) Additional lands not now included in either oil pool but which geologic and engineering testimony and exhibits show will probably be productive from the same common source of supply are described as follows:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM

Section 11: All  
Section 12: SW/4 and E/2  
Sections 13 and 14: All  
Section 23: SW/4 and E/2  
Sections 24 through 26: All  
Section 34: S/2  
Sections 35 and 36: All

(6) Lands currently included in the Ojito Gallup-Dakota Oil Pool, the West Lindrith Gallup-Dakota Oil Pool, and those lands listed in Finding No. (5) above should all be included in the West Lindrith Gallup-Dakota Oil Pool.

(7) The drilling and spacing units should consist of approximately one hundred sixty (160) acres or one governmental quarter section or lots corresponding thereto, and these provisions will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED THAT:

(a) The Ojito Gallup-Dakota Oil Pool in Rio Arriba County, New Mexico, consisting of the following described area:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM

Sections 1 through 10: All  
Section 12: NW/4  
Sections 15 through 18: All  
Section 19: NE/4  
Section 20: N/2  
Section 21: NW/4 and W/2 NE/4

is hereby abolished.

(b) The West Lindrith Gallup-Dakota Oil Pool in Rio Arriba and Sandoval Counties, New Mexico, as heretofore classified,

defined, and described, is hereby extended to include therein:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM  
Sections 1 through 18: All  
Section 19: NE/4  
Section 20: N/2  
Section 21: N/2  
Section 23: NE/4 and S/2  
Sections 24 through 26: All  
Section 34: S/2  
Sections 35 and 36: All

(c) The proper drilling and spacing units for wells in the West Lindrith Gallup-Dakota Oil Pool shall consist of approximately one hundred sixty (160) acres or one governmental quarter section or lots corresponding thereto.

IT IS FURTHER ORDERED THAT:

(1) Pursuant to Section 70-2-18, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Division. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Form C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Division shall subject the well to cancellation of allowable.

(2) The effective date of this order and all abolishments and extensions included herein shall be December 1, 1987.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

WILLIAM R. HUMPHRIES, Member

*Erling A. Brostuen*  
ERLING A. BROSTUEN, Member

*William J. Lemay*  
WILLIAM J. LEMAY, Chairman and  
Secretary

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. 4703  
Order No. R-4314

APPLICATION OF CONTINENTAL OIL  
COMPANY FOR SPECIAL POOL RULES,  
RIO ARriba COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 5, 1972, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 31st day of May, 1972, 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, seeks the promulgation of special rules and regulations for the West Lindrith Gallup-Dakota Oil Pool, Rio Arriba County, New Mexico, including provisions for 160-acre spacing and proration units, oil well and gas well classification, and a gas-oil ratio limitation of 10,000 cubic feet of gas per barrel of oil.
- (3) That the applicant has established that one well in the West Lindrith Gallup-Dakota Oil Pool can efficiently and economically drain and develop 160 acres.
- (4) That there is no necessity for the special classification of oil and gas wells as requested by the applicant.
- (5) That there is no necessity for the adoption of a gas-oil ratio limitation in excess of 2,000 cubic feet of gas per barrel of oil.
- (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, special rules and regulations providing for 160-acre spacing units should be promulgated for the West Lindrith Gallup-Dakota Oil Pool.



(7) That the 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 special rules and regulations for the West Lindrith Gallup-Dakota Oil Pool should apply only to wells located within the horizontal limits of said pool.

IT IS THEREFORE ORDERED:

That, effective July 1, 1972, Special Rules and Regulations for the West Lindrith Gallup-Dakota Oil Pool, Rio Arriba County, New Mexico, are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS  
FOR THE  
WEST LINDRITH GALLUP-DAKOTA OIL POOL

RULE 1. Each well completed or recompleted in the West Lindrith Gallup-Dakota 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.

RULE 4. Each well shall be located no nearer than 330 feet to the outer boundary of the proration unit or to any governmental quarter-quarter section line nor nearer than 660 feet to the nearest well drilling to or capable of producing from the same pool.

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

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

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION ON ITS MOTION TO AMEND  
THE SPECIAL POOL RULES FOR THE  
WEST LINDRITH GALLUP-DAKOTA OIL  
POOL, RIO ARriba AND SANDOVAL  
COUNTIES, NEW MEXICO;

CASE NO. 9226  
CASE NO. 9227  
Order No. R-4314-A

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION ON ITS MOTION TO AMEND  
THE SPECIAL POOL RULES FOR THE  
GAVILAN-MANCOS OIL POOL, RIO  
ARRIBA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

These consolidated cases came on for hearing at 9:00 a.m. on November 19, 1987, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 7th day of January, 1988, 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,

FINDS THAT:

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

(2) In Case 9226 the Oil Conservation Division on its own motion seeks to amend the Special Pool Rules for the West Lindrith Gallup-Dakota Oil Pool in Rio Arriba and Sandoval Counties, New Mexico, as promulgated by Division Order No. R-4314, to reconsider the well location requirements poolwide, to restate the allowable in the pool

to reflect the daily oil allowable for a 160-acre unit in the depth range of this pool to 382 BOPD as promulgated by Division General Rule 505, and to create a buffer zone in those sections that adjoin the Gavilan-Mancos Oil Pool to the east (Sections 1, 12, 13, 24, 25 and 36, Township 25 North, Range 3 West, Rio Arriba County) with any additional provisions which may be necessary and/or advisable to protect correlative rights along the common boundary of the two pools.

(3) In Case 9227 the Oil Conservation Division seeks on its own motion to amend the Special Pool Rules for the Gavilan-Mancos Oil Pool in Rio Arriba County, New Mexico, as promulgated by Division Order No. R-7407, as amended, to create a buffer zone utilizing those existing proration units in Sections 5, 6, 7, 8, 17, 18, 19, 20, 29, 30, 31, and 32, Township 25 North, Range 2 West, that adjoin the West Lindrith Gallup-Dakota Oil Pool with any additional provisions which may be necessary and/or advisable to protect correlative rights along the common boundary of the two pools.

(4) On June 27, 1987, by Order R-8188-A, the Commission formed the Northeast Ojito Gallup-Dakota Oil Pool out of the Ojito Gallup-Dakota Oil Pool so that the southern boundary of the Northeast Ojito Gallup-Dakota Oil Pool was contiguous with part of the northern boundary of the Ojito Gallup-Dakota Oil Pool.

(5) By Order R-8544, entered on November 19, 1987, the Commission in Case 9228 abolished the Ojito Gallup-Dakota Oil Pool which had been spaced on 40-acre statewide spacing and proration units and extended the West Lindrith Gallup-Dakota Oil Pool which is spaced on 160-acre spacing and proration units and now adjoins the Northeast Ojito Gallup-Dakota Oil Pool.

(6) As a result of the entry of Order R-8544, the West Lindrith Gallup-Dakota Oil Pool was expanded so that its eastern boundary became contiguous with the western boundary of the Gavilan-Mancos Oil Pool which has special pool rules, including restricted allowables, 640-acre spacing and well locations no closer than 790 feet to the outer boundary of a spacing and proration unit.

(7) Geologic testimony and evidence indicate that while the Mancos formation in the western portion of the Gavilan-Mancos Oil Pool is in fact the same common source of supply as the Gallup formation in the West Lindrith and Northeast Ojito Pools, the quality and intensity of the fracture system in the Gavilan-Mancos Oil Pool diminishes to the west indicating that production in West Lindrith Pool may be less enhanced by natural fracturing.

(8) The engineering evidence indicated producing characteristics between typical wells in each pool are such that differences in allowables for wells in the respective pools will not cause violation of correlative rights.

(9) Present data is insufficient to determine if future wells drilled in the West Lindrith boundary area will be capable of draining any portion of the Gavilan-Mancos Oil Pool.

(10) The 160-acre gas limit for West Lindrith covers both Gallup (Mancos) and Dakota production and is 764 MCF (4.775 MCF/per acre) per day while the 640-acre gas limit for Gavilan, which covers Mancos only, is 480 MCF (0.75 MCF per acre) per day creating a difference in gas limits between the two pools of 2576 MCF (4.025 MCF per acre) per day per 640-acre tract.

(11) The testimony indicated there are no wells currently producing in the West Lindrith Pool boundary area that are capable of producing a 160-acre gas limit, however the area is sparsely developed at this time.

(12) Among the issues to be considered by the Commission was the creation of a buffer zone between the two pools and the adoption of a buffer gas allowable for those spacing units in each pool within approximately one-half mile of the common boundary.

(13) Average production per well in both West Lindrith and Gavilan Pools are well below the top allowable rate but individual well production varies greatly and the area of the common boundary is still under development.

(14) At least one well in the proposed Gavilan Mancos Buffer Zone area is capable of producing in excess of the current top allowable and an increased allowable in the Gavilan boundary area may result in a violation of correlative rights within the Gavilan-Mancos Oil Pool.

(15) Although the Dakota formation is produced in conjunction with the Gallup formation throughout the West Lindrith Pool and contributes significant production in part of the West Lindrith Pool, testing to date of the Dakota formation in the boundary area of both pools indicates that the Dakota formation in the boundary area is of marginal productivity and therefore the Gallup section provides the majority of oil and gas production.

(16) The difference in gas limits between West Lindrith Pool and Gavilan-Mancos Pool currently has no adverse effect on correlative rights across the common pool boundary because there are no wells in the West Lindrith boundary area that are capable of producing the gas limit rate; however, the potential for disparate withdrawals exists for future wells.

(17) The evidence shows that no adjustment to allowables is necessary at this time but provisions should be made for timely adjustments in allowables should future development so warrant.

(18) Because of the fact that the source of supply in the Gallup (Mancos) formation is common between West Lindrith, Northeast Ojito and Gavilan and there is a large disparity in per-acre allowables between Gavilan on the one hand and West Lindrith and Northeast Ojito on the other hand, and further because the location requirements for wells in West Lindrith differs from that in both Gavilan and Northeast Ojito, and in fact all other 160-acre spaced pools in this area, it is necessary, in order to prevent waste and protect correlative rights, to formulate special rules for any West Lindrith well to be drilled within a one-half mile pool boundary area which rules should include the following:

(a) That no well completed or recompleted in the West Lindrith Pool shall be drilled closer than 790 feet to the pool boundary unless there is a direct producing offset well located closer than 790 feet.

(b) Should any West Lindrith well in the one-half mile buffer area adjacent to Gavilan be capable of producing at per-acre rates comparable to Gavilan Mancos top allowable wells, the production from said well shall be presumed to be from the Gallup interval unless the operator of said well performs testing to establish the relative contributions of the Gallup and Dakota intervals. Should the district supervisor find that producing rates from the Gallup interval in said well will adversely affect correlative rights across the common pool boundary, or cause waste, the Division may establish a reduced allowable in said well to protect correlative rights or prevent waste until the Division, after notice and hearing on the earliest docket date, acts to establish an appropriate allowable for the well or for all wells in the one-half mile buffer area. Such reduced allowable shall be no less than the average per acre gas limit for the two pools, currently  $\frac{1}{2}$  (4.775 + 0.75) = 2.7625 MCFPD per acre.

(19) Rule 6 of the special pool rules for the West Lindrith Gallup-Dakota Oil Pool should be restated to assign the depth bracket allowable at 382 barrels of oil to a standard 160-acre proration unit in accordance with current General Rule 505.

(20) The application in Case 9227 should be dismissed without prejudice.

IT IS THEREFORE ORDERED THAT:

(1) The application in Case 9227 is dismissed without prejudice.

(2) Effective January 1, 1988, the Special Rules for the West Lindrith Gallup-Dakota Oil Pool, Rio Arriba County, New Mexico, are hereby amended to read as follows:

SPECIAL RULES FOR THE  
WEST LINDRITH GALLUP-DAKOTA OIL POOL

RULE 1. Each well completed or recompleted in the West Lindrith Gallup-Dakota Oil Pool or within one mile thereof and not closer to another Gallup-Dakota pool shall be spaced, drilled, operated, and produced in accordance with the Special Rules 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 Director of the Division 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 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 Director has received the application.

RULE 4. Each well shall be located no nearer than 330 feet to the outer boundary of the proration unit or to any governmental quarter-quarter section line nor nearer than 660 feet to the nearest well drilling to or capable of producing from the same pool; provided however,

a. A boundary area is hereby created consisting of a band one-half mile wide extending from the pool boundary to a line one-half mile inside said boundary.

b. No well completed or recompleted in said boundary area shall be drilled closer than 790 feet to the pool boundary nor closer than 130 feet to the interior quarter-quarter section line unless a direct

offset producing well is located closer than 790 feet to the pool boundary in which case the West Lindrith Well could be drilled as close to the boundary as the offset well.

c. No well completed or recompleted in the Gallup-Dakota interval outside but within one mile of the West Lindrith pool boundary and not within a mile of another pool containing the same, or part of the same, vertical interval shall be drilled closer than 790 feet to the quarter-section line nor closer than 130 feet to the interior quarter-quarter section line.

d. Any well which on the effective date of this order is completed in or drilling to the West Lindrith Gallup-Dakota Oil Pool at an unorthodox location under these rules is hereby granted an exception thereto.

RULE 5. The 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 Director may approve the application upon receipt of written waivers or if no objection to the unorthodox location has been entered within 20 days after the Director has received the application.

RULE 6. A standard proration unit (158 through 162 acres) shall be assigned a depth bracket allowable of 382 barrels of oil per day 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. The limiting gas-oil ratio for the West Lindrith Gallup-Dakota Oil Pool shall be 2000 cubic feet of gas per barrel of oil produced.



RULE 8. a. In the event any West Lindrith well located in the boundary area described in rule 4(a) above offsets the Gavilan-Mancos Pool, the production from said well shall be presumed to be entirely from the Gallup (Mancos) interval unless the operator of said well demonstrates through testing to the satisfaction of the Division's district supervisor the proportional contributions of the Gallup and Dakota intervals.

b. In the event a well drilled in the boundary area offsetting the Gavilan-Mancos Pool indicates the capacity to produce at rates greater on a per-acre basis than the top allowable rates of a Gavilan-Mancos well the Division is hereby authorized to reduce the gas limit of said well to a rate which will protect correlative rights or prevent waste which limit shall continue in effect until the Division, after notice and hearing at the earliest hearing docket thereafter, enters an order establishing an appropriate allowable for said well or for all wells in said portion of the boundary area. Said interim gas limit shall not be less than the average of the per-acre gas limits of the Gavilan Mancos and West Lindrith Pools which currently is  $\frac{1}{2} (4.775 + 0.75) = 2.7625$  MCFPD per acre.

IT IS FURTHER ORDERED THAT:

(3) The locations of all wells presently drilling to or completed in the West Lindrith Gallup-Dakota Oil Pool are hereby approved; the operator of any well having an unorthodox location shall notify the Aztec District Office of the Division in writing of the name and location of the well on or before February 1, 1988.

(4) Pursuant to Section 70-2-18 contained in Chapter 271, Laws of 1969, existing wells in the West Lindrith Gallup-Dakota Oil Pool shall have dedicated thereto 160 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C. of said Section 70-2-18, existing wells may have non-standard spacing or proration units established by the Division and dedicated thereto.

Failure to file new Forms C-102 with the Division dedicating 160 acres to a well or to obtain a non-standard unit approved by the Division 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 West Lindrith Gallup-Dakota Oil Pool shall receive no more than one-fourth of a standard allowable for the pool.

(5) 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.

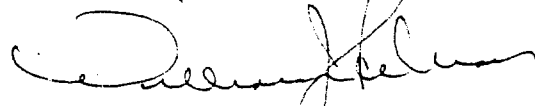
STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



WILLIAM R. HUMPHRIES, Member



ERLING A. BROSTUEN, Member



WILLIAM J. LEMAY,  
Secretary and Chairman

S E A L

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

IN THE MATTER OF THE HEARING CALLED  
BY THE OIL CONSERVATION DIVISION ON  
ITS OWN MOTION TO AMEND THE SPECIAL POOL  
RULES FOR THE WEST LINDRITH GALLUP-  
DAKOTA OIL POOL, RIO ARRIBA AND  
SANDOVAL COUNTIES, NEW MEXICO;

CASE NO. 9226  
CASE NO. 9227  
ORDER NO. R-4314-A-1

IN THE MATTER OF THE HEARING CALLED  
BY THE OIL CONSERVATION DIVISION ON  
ITS OWN MOTION TO AMEND THE SPECIAL POOL  
RULES FOR THE GAVILAN-MANCOS OIL POOL,  
RIO ARRIBA COUNTY, NEW MEXICO.

NUNC PRO TUNC ORDER

BY THE COMMISSION:

It appearing to the Commission that due to clerical error and inadvertence, Order No. R-4314-A, dated January 7, 1988, does not correctly state the intended order of the Commission:

IT IS THEREFORE ORDERED THAT:

(1) The title portion of the order is corrected to read "ORDER OF THE COMMISSION" and "BY THE COMMISSION."

(2) All references to "Order No. R-4214-A" made in the heading on pages 2 through 9 of said Order No. R-4314-A, are hereby corrected to read "Order No. R-4314-A."

(3) The introductory portion of decretory paragraph No. (2) of said Order No. R-4314-A be and the same is hereby amended to read in its entirety as follows:

"(2) Effective January 1, 1988, Order No. R-4314, dated May 31, 1972 is hereby rescinded and the Special Rules and Regulations for the West Lindrith Gallup-Dakota Oil Pool, Rio Arriba County, New Mexico, are hereby promulgated, to read in their entirety, as follows:"

Case No. 9226  
Case No. 9227  
Order No. R-4314-A-1

(4) The corrections set forth in this order be entered nunc pro tunc as of January 7, 1988.

DONE at Santa Fe, New Mexico, on this 26th day of January, 1988.

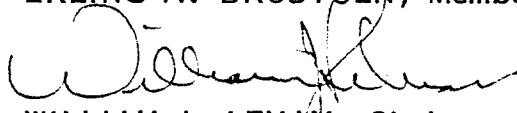
STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM R. HUMPHRIES, Member



ERLING A. BROSTUEN, Member



WILLIAM J. LEMAY, Chairman and  
Secretary

S E A L

CMD : ONGARD 03/29/04 10:07:54  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TP9P

API Well No : 30 39 23245 Eff Date : 08-01-1997 WC Status : A  
Pool Idn : 39189 LINDRITH GALLUP-DAKOTA, WEST  
OGRID Idn : 162928 ENERGEN RESOURCES CORPORATION  
Prop Idn : 21977 MCCRODEN A

Well No : 005  
GL Elevation: 7118

U/L Sec Township Range North/South East/West Prop/Act(P/A)  
-----  
B.H. Locn : J 8 25N 03W FTG 2157 F S FTG 1900 F E P  
Lot Identifier:  
Dedicated Acre: 160.00  
Lease Type : F  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll  
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06  
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD :  
OG6ACRE

ONGARD  
C102-DEDICATE ACREAGE

03/29/04 10:08:02  
OGOMES -TP9P  
Page No : 1

API Well No : 30 39 23245 Eff Date : 04-30-1991  
Pool Idn : 39189 LINDRITH GALLUP-DAKOTA, WEST  
Prop Idn : 21977 MCCRODEN A  
Spacing Unit : 2195 OCD Order :  
Sect/Twp/Rng : 8 25N 03W Acreage : 160.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
I	8	25N	03W	40.00	N	FD				
J	8	25N	03W	40.00	N	FD				
O	8	25N	03W	40.00	N	FD				
P	8	25N	03W	40.00	N	FD				

E0005: Enter data to modify or PF keys to scroll  
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD : ONGARD 03/29/04 10:08:09  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TP9P  
 Page No: 1

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION

Pool Identifier : 39189 LINDRITH GALLUP-DAKOTA, WEST

API Well No : 30 39 23245 Report Period - From : 01 2003 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 23245	MCCRoden A	01 03 31	721 30 40	F
30 39 23245	MCCRoden A	02 03 28	1191 84	F
30 39 23245	MCCRoden A	03 03 31	1304 17 40	F
30 39 23245	MCCRoden A	04 03 30	1190	F
30 39 23245	MCCRoden A	05 03 31	1305	F
30 39 23245	MCCRoden A	06 03 30	1226 135	F
30 39 23245	MCCRoden A	07 03 31	1220 186 40	F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 03/29/04 10:08:12  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TP9P  
 Page No: 2

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
 Pool Identifier : 39189 LINDRITH GALLUP-DAKOTA, WEST

API Well No : 30 39 23245 Report Period - From : 01 2003 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water Stat	Well
30 39 23245	MCCRODEN A	08 03 31	982 33 40	F
30 39 23245	MCCRODEN A	09 03 30	632 79	F
30 39 23245	MCCRODEN A	10 03 31	685 58 40	F
30 39 23245	MCCRODEN A	11 03 30	1233 79	F
30 39 23245	MCCRODEN A	12 03 31	1460 53 80	F

Reporting Period Total (Gas, Oil) : 13149 754 360

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12



Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-103  
Revised March 25, 1999

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG-BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	WELL API NO. 30-039-23245
2. Name of Operator ENERGEN RESOURCES CORPORATION	5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 2198 Bloomfield Highway, Farmington, NM 87401	6. State Oil & Gas Lease No. NMSF 079609
4. Well Location Unit Letter <u>J</u> : <u>2157</u> feet from the <u>South</u> line and <u>1900</u> feet from the <u>East</u> line Section <u>8</u> Township <u>25N</u> Range <u>3W</u> NMPM County <u>Rio Arriba</u>	7. Lease Name or Unit Agreement Name: McCroden A
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 7132' GR	8. Well No. 5
	9. Pool name or Wildcat Blanco MV/ W. Lindrith GL-Dk

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: Pay Add & Downhole Commingle <input checked="" type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

In accordance to case 12346, Order # R-11363, It is intended to downhole commingle the Blanco MV (72319) and the W. Lindrith GL-Dk (39189).

MV perforations 5740-5980' Est., GL-DK perforations 6870-7986'.

Current Rates: MV- Not yet completed. GL/DK- 24 MCFD & 2 BO. Recommended allocation- Subtraction method following 60 days of stabilized production. Rates reported to NMCCD-Aztec for final determination.

The ELM has been notified of this pay add via Form 3160-5.

All formation fluids are compatible and no loss of production will result by commingling.

All working interest, overriding and royalty interests are identical in this wellbore.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Charlie Donahue TITLE District Engineer DATE 1/7/04

Type or print name Charlie Donahue Telephone No. 505-325-6800

(This space for State use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JAN 12 2004

Conditions of approval, if any:

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-102  
Revised March 17, 1999

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-23245	<sup>2</sup> Pool Code 72319 / 39189	<sup>3</sup> Pool Name Blanco Mesaverde / West Lindrith Gallup-Dakota
<sup>4</sup> Property Code 21977	<sup>5</sup> Property Name McCroden A	<sup>6</sup> Well Number 5
<sup>7</sup> OGRID No. 162928	<sup>8</sup> Operator Name ENERGEN RESOURCES CORPORATION	<sup>9</sup> Elevation 7132' GR

<sup>10</sup> Surface Location

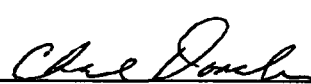
UL or lot no. J	Section 8	Township 25N	Range 3W	Lot. Idn	Feet from the 2157	North/South line South	Feet from the 1900	East/West line East	County Rio Arriba
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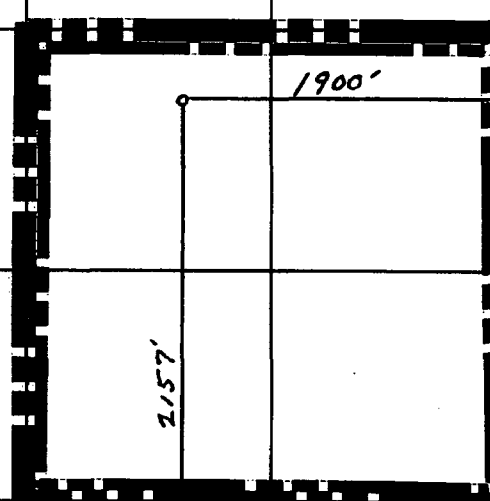
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	----------	---------------	------------------	---------------	----------------	--------

<sup>12</sup> Dedicated Acres 160 / 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. NSP-R-6497-A
--	-------------------------------	----------------------------------	---

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup>				<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.   Signature Charlie Donahue Printed Name District Engineer Title January 7, 2004 Date
				<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  April 21, 1983 Date of Survey Signature and Seal of Professional Surveyer:  Michael Daly Certificate Number 5992



☐ **AMENDED REPORT**

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, NM 87505

## I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address ENERGEN RESOURCES CORPORATION 2198 Bloomfield Hwy Farmington NM 87401		<sup>2</sup> OGRID Number 162928	
		<sup>3</sup> Reason for Filing Code CH 10-1-98	
<sup>4</sup> API Number 30-0 30-039-23245	<sup>5</sup> Pool Name W LINDRITH GALLUP DAKOTA		<sup>6</sup> Pool Code 39189
<sup>7</sup> Property Code 21977	<sup>8</sup> Property Name MCCRORDEN A		<sup>9</sup> Well Number 5

## II. <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	08	25N	03W		2157	S	1900	E	RA

<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date			<sup>15</sup> C-129 Permit Number		<sup>16</sup> C-129 Effective Date		<sup>17</sup> C-129 Expiration Date

### III. Oil and Gas Transporters

[illegible]

#### IV. Produced Water

23 POD	24 POD ULSTR Location and Description
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## V. Well Completion Data

Well Completion Data					
<sup>25</sup> Spud Date	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PBD	<sup>29</sup> Perforations	<sup>30</sup> DHC, DC, MC
<sup>31</sup> Hole Size	<sup>32</sup> Casing & Tubing Size	<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement		

## VI. Well Test Data

35 Date New Oil	36 Gas Delivery Date	37 Test Date	38 Test Length	39 Tbg. Pressure	40 Csg. Pressure
41 Choke Size	42 Oil	43 Water	44 Gas	45 AOF	46 Test Method

47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature:		<b>OIL CONSERVATION DIVISION</b> Approved by: <i>[Signature]</i>	
Printed name: Original signed by Joe Niederhofer		Title: SUPERVISOR DISTRICT #3	
Title: General Manager		Approval Date: OCT 1 1998	
Date: 17-Sep-98	Phone: 505-325-6800		

<sup>47</sup> If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature		Printed Name	Title
		Taurus Exploration U.S.A., Inc. #162928	1-Oct-98

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
P.O. Drawer DD, Artesia, NM 88211-0719

District III  
1060 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2058, Santa Fe, NM 87504-2088

Form C-104

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

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☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator Name and Address Taurus Exploration U.S.A., Inc. 2101 Sixth Avenue North Birmingham, AL 32503-2784		<sup>2</sup> OGRID Number 162928
		<sup>3</sup> Reason for Filing Code CO - 8/1/97
<sup>4</sup> API Number 30-039-23245	<sup>5</sup> Pool Name LINDERITH GALLUP DAKOTA, WEST	<sup>6</sup> Pool Code 39189
<sup>7</sup> Property Code 007303	<sup>8</sup> Property Name MCCRODEN A	<sup>9</sup> Well Number #5

II. <sup>10</sup> Surface Location

<sup>11</sup> U/I or lot no. J	<sup>12</sup> Section 8	<sup>13</sup> Township 025N	<sup>14</sup> Range 003W	<sup>15</sup> Lot Idn	<sup>16</sup> Feet from the 2157	<sup>17</sup> North/South Line S	<sup>18</sup> Feet from the 1900	<sup>19</sup> East/West Line E	<sup>20</sup> County RIO ARriba
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<sup>11</sup> Bottom Hole Location

<sup>11</sup> U/I or lot no.	<sup>12</sup> Section	<sup>13</sup> Township	<sup>14</sup> Range	<sup>15</sup> Lot Idn	<sup>16</sup> Feet from the	<sup>17</sup> North/South Line	<sup>18</sup> Feet from the	<sup>19</sup> East/West Line	<sup>20</sup> County
<sup>12</sup> Use Code	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID 14538	<sup>19</sup> Transporter Name and Address BURLINGTON RESOURCES OIL & GAS 5051 WESTMEATH SUITE 1400 HOUSTON, TX 77056-2124	<sup>20</sup> POD	<sup>21</sup> O/G G	<sup>22</sup> POD U/I,STR Location and Description J-08-T025N-R003W
9018	Giant Industries 5755 US Hwy 85 Farmington, NM 87401	1320810	O	J-08-T025N-R003W

IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD U/I,STR Location and Description
-------------------	--

V. Well Completion Data

<sup>25</sup> Spud Date	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PBTB	<sup>29</sup> Perforations
<sup>30</sup> Hole Size	<sup>31</sup> Casing & Tubing Size	<sup>32</sup> Depth Set	<sup>33</sup> Sacks Cement	

VI. Well Test Data

<sup>34</sup> Date New Oil	<sup>35</sup> Gas Delivery Date	<sup>36</sup> Test Date	<sup>37</sup> Test Length	<sup>38</sup> Tbg. Pressure	<sup>39</sup> Csg. Pressure
<sup>40</sup> Choke Size	<sup>41</sup> Oil	<sup>42</sup> Water	<sup>43</sup> Gas	<sup>44</sup> AOF	<sup>45</sup> Test Method
<sup>46</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.			OIL CONSERVATION DIVISION		
Printed Name: Joe D. Niederhoffer			Approved by: [Signature] SUPERVISOR DISTRICT #3		
Title: General Manager - San Juan Basin			Approved Date: AUG 12 1997		
Date: 7/15/97			Phone: (205) 326-2710		
<sup>47</sup> If this is a change of operator fill in the OGRID number and name of the previous operator					
14538 Burlington Resources Oil & Gas Co.					
Previous Operator Signature		Printed Name		Title	
Signature: [Signature]		Dolores Diaz		Production Associate	
				8/1/97	

State of New Mexico  
Energy, Minerals, & Natural Resources Department

Form C-104

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

OIL CONSERVATION DIVISION

PO Box 2088

Santa Fe, NM 87504-2088

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator Name and Address Burlington Resources Oil & Gas PO Box 4289 Farmington, NM 87499		OGRID Number 14538
		Reason for Filing Code CO - 7/11/96
API Number 30-039-23245	Pool Name LINERITH GALLUP DAKOTA, WEST	Pool Code 39189
Property Code 007303	Property Name MCCRODEN A	Well Number #5

II. <sup>10</sup> Surface Location

UT or lot no. 7	Section 8	Township 025N	Range 003W	Lot Idn	Feet from the 2157	North-South Line S	Feet from the 1900	East-West Line E	County RIO ARriba
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III. Bottom Hole Location

UT or lot no.	Section	Township	Range	Lot Idn	Feet from the	North-South Line	Feet from the	East-West Line	County
Use Code	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	OG	POD U.I.STR Location and Description
14538	Burlington Resources Oil & Gas PO Box 4289 Farmington, NM 87499		G	J-08-T025N-R003W
9018	Burlington Resources Oil & Gas PO Box 4289 Farmington, NM 87499	1320810	O	J-08-T025N-R003W

IV. Produced Water

POD	POD U.I.STR Location and Description
-----	--------------------------------------

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Thg. Pressure	Csg. Pressure
Choke Size	Oil	Water	Gas	AOF	Test Method

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Delores Diaz*

Printed Name:

Title:

Approved Date:

Date:

Phone:

OIL CONSERVATION DIVISION

Approved by: Frank T. Chavez

Title: District Supervisor

Approved Date: July 11, 1996

\* If this is a change of operator fill in the OGRID number and name of the previous operator

14538 Mendian Oil Production

Previous Operator Signature

Printed Name

Title

Date

Signature: *Delores Diaz*

Delores Diaz

Production Associate

7/11/96

Submit to Coles  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Blanco Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page

### REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator <b>MERIDIAN OIL INC.</b>		Well API No.
Address <b>P. O. Box 4289, Farmington, New Mexico 87499</b>		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	<b>EFFECT 6/23/90</b>
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input checked="" type="checkbox"/> Condensate <input type="checkbox"/>	
If change of operator give name and address of previous operator <b>Union Texas Petroleum Corporation, P. O. Box 2120, Houston, TX 77252-2120</b>		

### II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>MCCRODEN "A"</b>	Well No. <b>5</b>	Pool Name, including Formation <b>LINDRITH, GALLUP-DAKOTA W.</b>	Kind of Lease State, Federal or Fee	Lease No. <b>SF079609</b>
Location				
Unit Letter <b>J</b> : <b>3521</b> Foot From The <b>S</b> Line and <b>1900</b> Foot From The <b>E</b> Line				
Section <b>8</b> Township <b>25N</b> Range <b>3W</b> ,NMPM, RIO ARRIBA County				

### III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <b>Meridian Oil Inc.</b> <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 4289, Farmington, NM 87499</b>	
Name of Authorized Transporter of Casinghead Gas <b>Union-Texas Petroleum Corp.</b> <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 2120, Houston, TX 77252-2120</b>	
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Trp.	Rgn.
		Is gas actually connected? When?

If this production is commingled with that from any other lease or pool, give commingling order number:

### IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RCB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

### V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

**RECEIVED**  
JUL 3 1990

### GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Choke Size
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

**OIL CON. DIV**  
**DIST. 3**

### VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature Leslie Kahwajy  
Leslie Kahwajy Prod. Serv. Supervisor  
Printed Name  
6/15/90 (505) 326-9700  
Date Telephone No.

### OIL CONSERVATION DIVISION

Date Approved JUL 03 1990  
By Burt D. Shaw  
SUPERVISOR DISTRICT #3  
Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

Submit 3 Copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Araga, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

I. Operator Union Texas Petroleum Corporation Well API No. \_\_\_\_\_  
Address P.O. Box 2120 Houston, Texas 77252-2120

Reason(s) for Filing (Check proper box): Other (Please explain)  
New Well ☐ Change in Transporter of:  
Recompletion ☐ Oil ☒ Dry Gas ☐  
Change in Operator ☐ Casinghead Gas ☐ Condensate ☐  
If change of operator give name and address of previous operator \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE LINDSETH  
Lease Name McCroden "A" Well No. 5 Pool Name, including Formation (Gallup-Dakota), WEST Kind of Lease State, Federal or Fee Lease No. SF079609  
Location Section 8 Township 25N Range 3W NMPM RIO ARRIBA County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS  
Name of Authorized Transporter of Oil ☒ or Condensate ☐ Address (Give address to which approved copy of this form is to be sent)  
Meridian Oil Inc. P.O. Box 4289, Farmington, NM 87499  
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒ Address (Give address to which approved copy of this form is to be sent)  
Union Texas Petroleum Corp. P.O. Box 2120, Houston, TX 77252-2120  
If well produces oil or liquids, give location of tanks. Unit Sec. Twp. Rgn. Is gas actually connected? When?

IV. COMPLETION DATA  
Designate Type of Completion - (X) ☐ Oil Well ☐ Gas Well ☐ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Same Res'v ☐ Diff Res'v  
Date Spudded \_\_\_\_\_ Date Compl. Ready to Prod. \_\_\_\_\_ Total Depth \_\_\_\_\_ P.B.T.D. \_\_\_\_\_  
Elevations (DF, RKB, RT, GR, etc.) \_\_\_\_\_ Name of Producing Formation \_\_\_\_\_ Top Oil/Gas Pay \_\_\_\_\_ Tubing Depth \_\_\_\_\_  
Performances \_\_\_\_\_ Depth Casing Shoe \_\_\_\_\_  
TUBING, CASING AND CEMENTING RECORD  
HOLE SIZE \_\_\_\_\_ CASING & TUBING SIZE \_\_\_\_\_ DEPTH SET \_\_\_\_\_ SACKS CEMENT \_\_\_\_\_

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)  
Date First New Oil Run To Tank \_\_\_\_\_ Date of Test \_\_\_\_\_ Producing Method (Flow, pump, gas lift, etc.) \_\_\_\_\_  
Length of Test \_\_\_\_\_ Tubing Pressure \_\_\_\_\_ Casing Pressure \_\_\_\_\_ Choke Size \_\_\_\_\_  
Actual Prod. During Test \_\_\_\_\_ Oil - Bbls. \_\_\_\_\_ Water - Bbls. \_\_\_\_\_ Gas - MCF \_\_\_\_\_

GAS WELL  
Actual Prod. Test - MCF/D \_\_\_\_\_ Length of Test \_\_\_\_\_ Bbls. Condensate/MMCF \_\_\_\_\_ Gravity of Condensate \_\_\_\_\_  
Testing Method (pilot, back pr.) \_\_\_\_\_ Tubing Pressure (Shut-in) \_\_\_\_\_ Casing Pressure (Shut-in) \_\_\_\_\_ Choke Size \_\_\_\_\_

VI. OPERATOR CERTIFICATE OF COMPLIANCE  
I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.  
Signature Annette C. Bisby  
Printed Name Annette C. Bisby Env & Reg. Sec'rtry  
Date 08-09-89 Telephone No. (713)968-4012

OIL CONSERVATION DIVISION  
Date Approved AUG 28 1989  
By [Signature]  
Title SUPERVISION DISTRICT # 3

- INSTRUCTIONS: This form is to be filed in compliance with Rule 1104
- 1) Request for allowable for newly drilled or deepened well must be accompanied by calculation of deviation tests taken in accordance with Rule 111.
  - 2) All sections of this form must be filled out for allowable on new and recompleted wells.
  - 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
  - 4) Separate Form C-104 must be filed for each well in unitively recompleted wells

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 08-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator  
Union Texas Petroleum

Address  
375 US Highway 64, Farmington, NM 87401

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Condensate

Other (Please explain)  
From Oil to Gas-Dak  
Pool change per NMOCB R-8544

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name McCroden A	Well No. 5	Pool Name, including Formation West Lindrith Gallup Dakota	Kind of Lease State, Federal or Fee Fed	Lease No. SF-079609
Location				
Unit Letter J	2157	Feet From The South	Line and 1900	Feet From The East
Line of Section 8	Township 25N	Range 3W	NMPM, Rio Arriba	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Conoco, Inc. Surface Transportation	P. O. Box 1429, Bloomfield, NM 87413
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Union Texas Petroleum	375 US Highway 64, Farmington, NM 87401
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
J 8 25N 3W	Yes

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Robert C. Frank  
(Signature)  
Permit Coordinator

April 7, 1988  
(Date)

OIL CONSERVATION DIVISION

APR 18 1988

APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY [Signature]  
TITLE SUPERVISION DISTRICT # 8

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the device tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for all able on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filed for each pool in mult completed wells.



#### IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.	Total Depth				P.S.T.D.			
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation	Top Oil/Gas Pay				Tubing Depth			
Perforations						Depth Casing Shoe			

#### TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

#### V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

#### GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Start-1st)	Casing Pressure (Start-1st)	Choke Size

All distances must be from the outer boundaries of the Section.

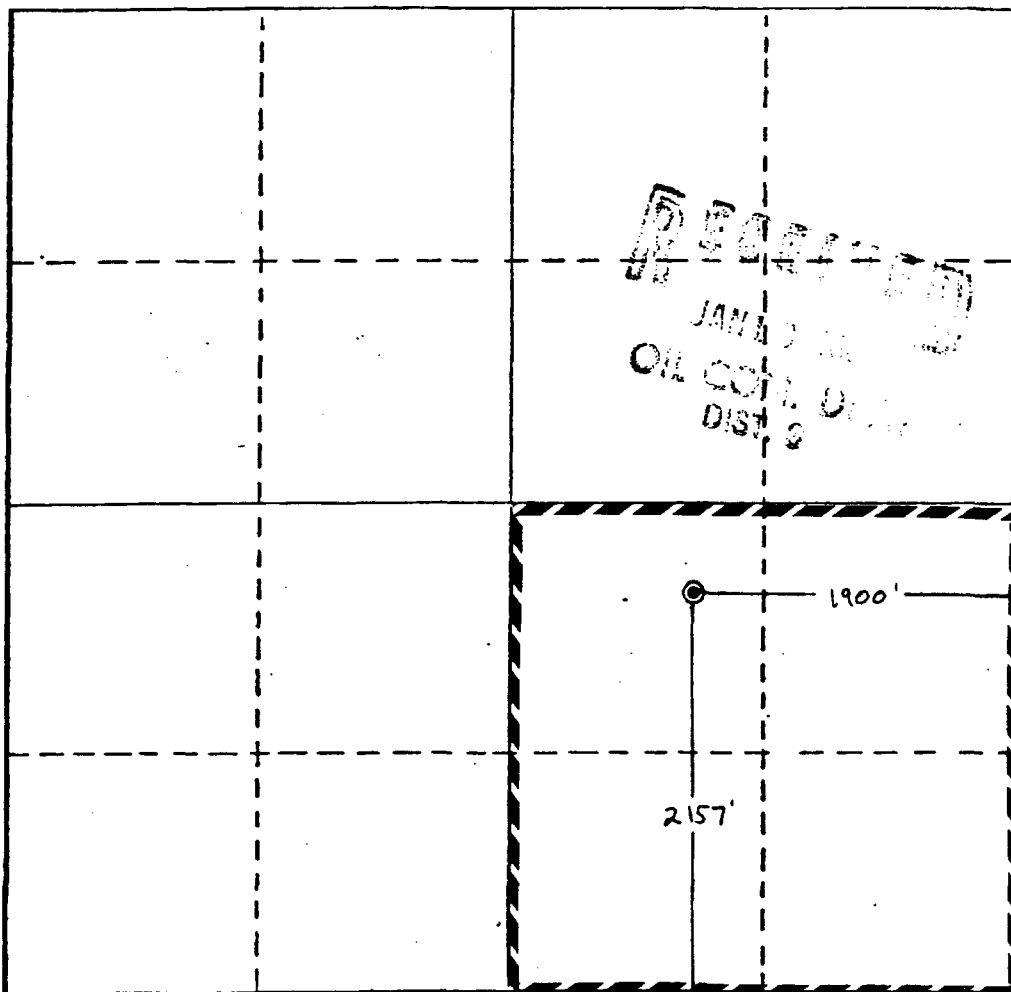
Operator Union Texas Petroleum			Lease McCroden A			Well No. 5		
Unit Letter J	Section 8	Township 25 North	Range 3 West	County Rio Arriba				
Actual Footage Location of Well: 2157 feet from the South line and 1900 feet from the East line								
Ground Level Elev. 7118	Producing Formation Gallup/Dakota		Pool West Lindrith			Dedicated Acreage: SW/4 160.00 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



#### CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Robert C. Frank*

Name  
Robert C. Frank

Position  
Permit Coordinator

Company  
Union Texas Petroleum

Date  
January 14, 1988

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Original on file

Date Surveyed

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.

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	GAS
OPERATOR	
PRORATION OFFICE	

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**REQUEST FOR ALLOWABLE**  
**AND**  
**AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

Form C-104  
 Supersedes Old C-104 and C-110  
 Effective 1-1-65

**I. OPERATOR**

Operator  
 Union Texas Petroleum Corporation

Address:  
 P. O. Box 1290, Farmington, New Mexico 87499

Reason(s) for filing (Check proper box)

New Well <input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>

Other (Please explain)

If change of ownership give name and address of previous owner

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name McCroden "A"	Well No. 5	Pool Name, Including Formation Ojito Gallup-Dakota EXT.	Kind of Lease State, Federal or Fee Fed. SF	Lease No. 079609
Location				
Unit Letter J	2157	Feet From The South	Line and 1900	Feet From The East
Line of Section 8	Township 25N	Range 3W	N.M.P.M. Rio Arriba County	

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Plateau, Inc.	P. O. Box 489, Bloomfield, N.M. 87413
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Union Texas Petroleum Corp.	P. O. Box 1290, Farmington, N.M. 87499
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
J 8 25N 3W	No

If this production is commingled with that from any other lease or pool, give commingling order number:

**IV. COMPLETION DATA**

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Workover <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Same Resrv. <input type="checkbox"/> Diff. Resrv. <input type="checkbox"/>
Date Spudded 7/19/83	Date Compl. Ready to Prod. 9/4/83
Elevations (D.F., R.R.E., RT., GP., etc.) 7132 R.K.B.	Name of Producing Formation Gallup-Dakota
Perforations 6870 - 7986	Total Depth 8210
	Top Oil/Gas Pay 6870
	Depth Casing Shoe 8209
TUBING, CASING, AND CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE
12-1/4"	8-5/8", 24.00#
7-7/8"	4-1/2", 11.60#
	2-3/8", E.U.E., 4.70#
	DEPTH SET
	279
	8209
	7859
	SACKS CEMENT
	236 cu. ft.
	3942 cu. ft. (3 stages)

**V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL**

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date From New Oil Run To Tanks 10/11/83	Date of Test 10/25/83	Producing Method (Flow, pump, gas lift, etc.) Pumping
Length of Test 24 hours	Tubing Pressure 40	Casing Pressure 205
Actual Prod. During Test 66 bbl. of oil	Oil - Bbls. 66	Water - Bbls. 4
		Gas - MCF 188

**GAS WELL**

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (Flow, back prod.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

**VI. CERTIFICATE OF COMPLIANCE**

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

*Kenneth E. Roddy*  
 Kenneth E. Roddy (Signature)  
 Area Production Superintendent

4/2/84

Date

**OIL CONSERVATION COMMISSION**

APPROVED *[Signature]*, 19  
 BY *[Signature]*  
 TITLE *SUPERVISOR DISTRICT #3*

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES REQUIRED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.A.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
OPERATION OFFICE	

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 08-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator  
Union Texas Petroleum Corporation

Address  
P. O. Box 1290, Farmington, New Mexico 87499

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Recompletion	<input checked="" type="checkbox"/> Oil	<input type="checkbox"/> Condensate
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Coalbed Gas	

Other (Please explain)

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name McCroden "A"	Well No. 5	Pool Name, including Formation Ojito Gallup Dakota EXT.	Kind of Lease State, Federal or Fee Fed. SF	Lease No. 079609
Location Unit Letter <u>J</u> : <u>2157</u> Feet From The <u>South</u> Line and <u>1900</u> Feet From The <u>East</u> Line of Section <u>8</u> Township <u>25N</u> Range <u>3W</u> NMPM. Rio Arriba County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Gary Energy Corporation	Address (Give address to which approved copy of this form is to be sent) P. O. Box 489, Bloomfield, N.M. 87413
Name of Authorized Transporter of Coalbed Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Union Texas Petroleum Corporation	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1290, Farmington, N.M. 87499
If well produces oil or liquids, give location of tanks. Unit <u>J</u> Sec. <u>8</u> Twp. <u>25N</u> Rge. <u>3W</u>	Is gas actually connected? <u>No</u> When

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Kenneth E. Roddy  
Kenneth E. Roddy (Signature)  
Area Production Superintendent  
(Title)  
10/2/84  
(Date)

OIL CONSERVATION DIVISION  
APPROVED NOV 1 1984  
BY Franklin R. [Signature]  
TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 110A.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filed for each pool in multiply completed wells.

NOV 3 1984

OIL CONSERVATION DIV

NAME	
DISTRIBUTION	
TYPE	
DATE	
NO. OFFICE	
REPORTER	OIL
	GAS
EXPIRATION	
DATE OF OFFICE	

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 08-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Union Texas Petroleum Corporation

P. O. Box 1290, Farmington, New Mexico 87499

Section(s) for filing (Check proper box)

New Well ☐ Change in Transporter of:  
Recompletion ☒ Oil ☐ Dry Gas  
Change in Ownership ☐ Confinement Gas ☐ Condensate

Other (Please explain)

Name of ownership give name  
address of previous owner

DESCRIPTION OF WELL AND LEASE

Well Name McCroden "A"	Well No. 5	Pool Name, including Formation Ojito Gallup Dakota Ext.	Kind of Lease State, Federal or Free SF	Lease No. 079609
---------------------------	---------------	--	---	---------------------

Unit Letter J : 2157 Feet From The South Line and 1900 Feet From The East

Line of Section 8 Township 25N Range 3W NMPM Rio Arriba County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorizing Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Conoco, Inc. Surface Transportation	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1429, Bloomfield, N.M. 87413
--	--

Name of Authorizing Transporter of Confinement Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Union Texas Petroleum Corporation	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1290, Farmington, N.M. 87499
---	--

Well produces oil or heavier, or location of lease.	Unit J	Sec. 8	Twp. 25N	Range 3W	Is gas actually collected? Yes	When 1-1-84
--	-----------	-----------	-------------	-------------	-----------------------------------	----------------

Is production commingled with that from any other lease or pool, give commingling order number

RE: Complete Parts IV and V on reverse side if necessary.

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Kenneth E. Roday  
Kenneth E. Roday (Signature)  
Area Production Superintendent  
(Title)

1/26/85  
(Date)

OIL CONSERVATION DIVISION

APPROVED Franklin C. [Signature] 1984  
BY Franklin C. [Signature]  
TITLE COMMISSIONER DISTRICT #3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐  
2. NAME OF OPERATOR  
Union Texas Petroleum Corporation  
3. ADDRESS OF OPERATOR  
P.O. Box 1290, Farmington, New Mexico 87499  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2157' FSL; 1900' FEL  
AT TOP PROD. INTERVAL: Same as above  
AT TOTAL DEPTH: Same as above  
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) Perforations ☐

SUBSEQUENT REPORT OF:

☐  
☐  
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(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Perforations for the Dakota and Graneros are 7986'-80' and 7850'-34' with 1 shot every 2' for a total of 18 shots.

Perforations for the Greenhorn are 7792,88,81,76,70,65,56,50,44,40 for a total of 11 shots.

Perforations for the Upper Gallup are 7074,64,58,52,44,40,36,12,06,02; 6982,77,70,52,28,11; 6888,70 for a total of 18 shots.

Perforations for the Lower Gallup are 7074,64,58,52,44,40,36,12,06,02; 6982,77,70,52,28,11; 6888, 70 for a total of 18 shots.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED J. A. Edmister TITLE Engineering Analyst DATE December 16, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL IF ANY:

RECEIVED

DEC 30 1983

\*See Instructions on Reverse Side

NMOCC

ACCEPTED FOR REVIEW

DEC 20 1983

FOR REVIEW AND ACTION

Y. K.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. SF 079609	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Union Texas Petroleum Corporation				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 1290, Farmington, New Mexico 87499				8. FARM OR LEASE NAME McCroden A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2157' FSL; 1900' FEL At top prod. interval reported below Same as above At total depth Same as above				9. WELL NO. 5	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Ojito Gallup Dakota Ext.	
15. DATE SPUDDED 7-19-83				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 8, T25N-R3W NMPM	
16. DATE T.D. REACHED 8-13-83				12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 9-4-83				13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7132' RKB				19. ELEV. CASINGHEAD 7118' GR	
20. TOTAL DEPTH, MD & TVD 8210'		21. PLUG, BACK T.D., MD & TVD 8025'		22. IF MULTIPLE COMPL., HOW MANY* _____	
23. INTERVALS DRILLED BY _____ ROTARY TOOLS _____ CABLE TOOLS _____				24. WAS DIRECTIONAL SURVEY MADE No	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7986'-7834' Dakota & Graneros 7372'-7148' Gallup 7792'- 40' Greenhorn 7074'-6870' Gallup				25. WAS WELL CORED No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IFSL-GR, CNL-FDC				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8"		24.0		279'	
4-1/2"		11.6		8209'	
				(See Attachment)	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		7859'			
31. PERFORATION RECORD (Interval, size and number)					
7986'-7834'		18 Shots			
7792'- 40'		11 Shots			
7372'-7148'		19 Shots			
7074'-6870'		18 Shots			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
7986'-7834'		See Attachment			
7792'- 40'		See Attachment			
7372'-7148'		See Attachment			
7074'-6870'		See Attachment			
33. PRODUCTION					
DATE FIRST PRODUCTION 9-13-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) SI
DATE OF TEST 10-25-83		HOURS TESTED 24	CHOKE SIZE 1-3/8"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 66
					GAS—MCF. 188
					WATER—BBL. 4
					GAS-OIL RATIO 2848
FLOW. TUBING PRESS. 40		CASING PRESSURE 205	CALCULATED 24-HOUR RATE →	OIL—BBL. 66	GAS—MCF. 188
					WATER—BBL. 4
					OIL GRAVITY-API (CORR.) 41°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented (to be sold)					TEST WITNESSED BY John Rector
35. LIST OF ATTACHMENTS Cementing and Stimulation Records					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED J. A. Edmister		TITLE Engineering Analyst			DATE 11-30-83

\*(See Instructions and Spaces for Additional Data on Reverse Side)

WELL LOCATION RECORD AREA

Sm

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Nacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	3280	
				Kirtland	3310	
				Fruitland	3520	
				Pictured Cliffs	3640	
				Lewis	3720	
				Chacra	4560	
				Cliff House	5285	
				Point Lookout	5810	
				Mancos	6030	
				Gallup	6850	
				Greenhorn	7705	
				Graneros	7790	
				Dakota	7975	



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐  
2. NAME OF OPERATOR  
Union Texas Petroleum Corporation  
3. ADDRESS OF OPERATOR  
P. O. Box 808, Farmington, N.M. 87499  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2157 ft./South; 1900 ft./East  
AT TOP PROD. INTERVAL: Same as above  
AT TOTAL DEPTH: Same as above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐

(other) Drilled to TD and Cased

5. LEASE  
SF 079609  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
  
7. UNIT AGREEMENT NAME  
  
8. FARM OR LEASE NAME  
McCroden "A"  
9. WELL NO.  
5  
10. FIELD OR WILDCAT NAME  
Ojito Gallup-Dakota Ext.  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 8, T-25N, R-3W, N.M.P.M.  
12. COUNTY OR PARISH  
Rio Arriba  
13. STATE  
New Mexico  
14. API NO.  
  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
7132' R.K.B.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. Spud 12-1/4" surface hole at 3:00 A.M., 7-19-83.
2. Drilled 12-1/4" hole to TD of 285' R.K.B.
3. Ran 6 joints 8-5/8", 24.0#, K-55 casing and set at 279' R.K.B.
4. Cemented 8-5/8" with 236 cu. ft. C1 B w/2% CaCl<sub>2</sub> and 1/4# Celloflake per sack. Circulated cement. Wait on cement.
5. Pressure tested to 1500 PSI. Held OK.
6. Drilled 7-7/8" hole to TD of 8210' R.K.B. on 8-13-83. Logged well.
7. Ran 183 joints of 4-1/2", 11.6#, K-55 casing from surface to 8209' with 1st stage tool at 6333', 2nd stage tool at 3703' R.K.B.
8. Cemented 4-1/2" 1st stage with 992 cu. ft. 50-50 Poz, w/2% gel, 10% salt, 1/4# Celloflake and 0.75% FLA per sack. Cemented 2nd stage with 1158 cu. ft. 65-35 Poz, w/6% gel, 10# Gilsonite and 1/4# Celloflake per sack followed by 59 cu. ft. C1 B w/2% CaCl<sub>2</sub> and 1/4# Celloflake per sack. Cemented 3rd stage

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ (Over) Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED J. A. Edmister TITLE Engr. Analyst DATE 9-16-83  
J. A. Edmister

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

\*See Instructions on Reverse Side

SEP 21 1983

FARMINGTON RESOURCE AREA

BY 663

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 17:** Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between, and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

FO

GPO : 1981 O - 347-165

with 1674 cu. ft. 65-35 Poz w/12% gel, 12-1/2# Gtlsonite and 1/4# Flocheck per sack followed by 59 cu. ft. Cl B w/2% CaCl<sub>2</sub> and 1/4# Celloflake per sack. Wait on cement.

9. Pressure test to 1800 PSI. Held OK.
10. Clean out casing to 8166'.

OK.  
10/10/81  
10/10/81

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-C39-23245

5. LEASE DESIGNATION AND SERIAL NO.

SF 079609

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME

McCroden "A"

9. WELL NO.

5

11. FIELD AND POOL, OR WILDCAT

Ojito Gallup-Dakota Ext.

11. SEC., T., R., M., OR BLM.

AND SURVEY OR AREA  
Sec. 8, T-25N, R-3W,  
N.M.P.M.

12. COUNTY OR PARISH

13. STATE  
Rio Arriba New Mexico

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER Gallup-Dakota

SINGLE  
ZONES ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Union Texas Petroleum Corporation

## 3. ADDRESS OF OPERATOR

P. O. Box 808, Farmington, New Mexico 87499

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface  
2157 ft./South and 1900 ft./East lines

At proposed prod. zone

Same as above

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

10 miles Northwest of Lindreth, New Mexico

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST

483 ft.

PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any) 483 ft.

## 16. NO. OF ACRES ASSIGNED

640.00

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40.00

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1707 ft.

## 19. PROPOSED DEPTH

8190'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, ET, GR, etc.) DRILLING OPERATIONS AUTHORIZED ARE

7118' GR

SUBJECT TO COMPLIANCE WITH ALL

## 22. APPROX. DATE WORK WILL START\*

July 1, 1983

23. "GENERAL REQUIREMENTS"  
PROPOSED CASING AND CEMENTING PROGRAM

This section is subject to appeal pursuant to 30 CFR 250.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0# K-55	300'	250 cu. ft. (circulated)
7-7/8"	4-1/2"	11.6# K-55	8190'	2850 cu. ft. (circulated)

We desire to drill 12-1/4" surface hole to approx. 300 ft. using natural mud as a circulating medium. Run new 8-5/8", 24.0#, K-55 casing to TD. Cement with approx. 250 cu. ft. Class "B" cement circulated to surface. Pressure test the casing. Drill 7-7/8" hole to TD of approx. 8190 ft. using a permaloid non-dispersed mud as the circulating medium. Log the well. Run new 4-1/2", 11.6#, K-55 casing to TD with DV tool at approx. 2150 ft. Cement first stage with approx. 1400 cu. ft. of 65/35/6 followed by 275 cu. ft. 50/50 Poz. Cement second stage with approx. 1100 cu. ft. 65/35/12 Poz circulated to surface. Drill out the DV tool and pressure test the casing. Perforate and fracture the Dakota and Gallup zones. Clean the well up. Run new 2-3/8", 4.7#, J-55 tubing to the Dakota zone. Run rod pump and rods. Set a pumping unit and tanks. Test the well and connect to a gathering system.

The gas from this well has previously been dedicated to a transporter.

NOTE: Actual cement volumes to be calculated from caliper log.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*W. K. Cooper*  
W. K. Cooper

TITLE Field Operations Manager

DATE May 26, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAY 26 1983

*Geni Lino*  
DIRECTOR

All distances must be from the outer boundaries of the Section.

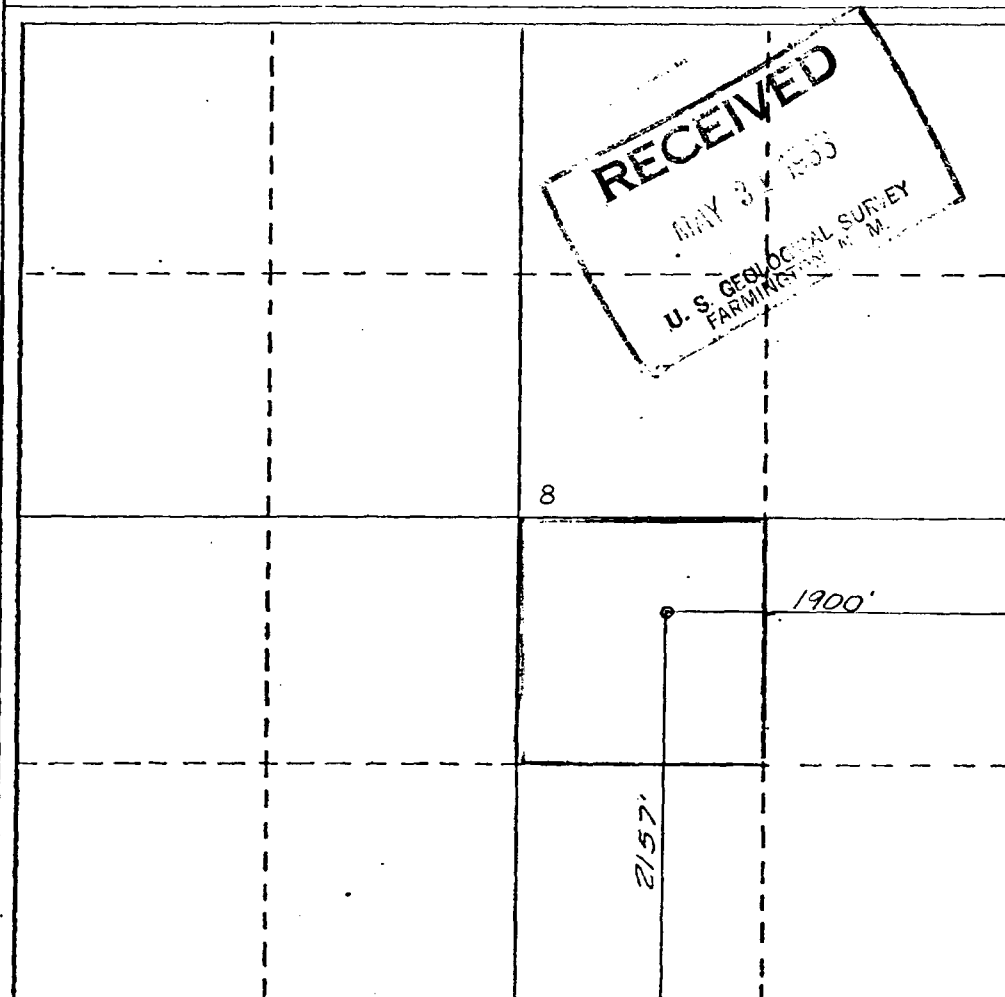
Operator <b>UNION TEXAS PETROLEUM CORPORATION</b>		Lease <b>MCCRODEN "A"</b>		Well No. <b>5</b>
Unit Letter <b>J</b>	Section <b>8</b>	Township <b>25 NORTH</b>	Range <b>3 WEST</b>	County <b>RIO ARriba</b>
Actual Footage Location of Well: <b>2157</b> feet from the <b>SOUTH</b> line and <b>1900</b> feet from the <b>EAST</b> line				
Ground Level Elev. <b>7118</b>	Producing Formation <b>GALLUP-DAKOTA</b>	Pool <b>OJITO GALLUP-DAKOTA EXT.</b>	Dedicated Acreage: <b>NW SE 40.00</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
**Rudy D. Motto**  
Position  
**Area Operations Manager**  
Company  
**Union Texas Petroleum Corp.**  
Date  
**April 29, 1983**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**April 21, 1983**  
Registered Professional Engineer and/or Land Surveyor

**Michael Daly**  
Certificate No.  
**5992**

CMD : ONGARD 03/29/04 10:09:47  
 OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TP9P

API Well No : 30 39 22783 Eff Date : 08-01-1997 WC Status : A  
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
 OGRID Idn : 162928 ENERGEN RESOURCES CORPORATION  
 Prop Idn : 21977 MCCRODEN A

Well No : 003  
 GL Elevation: 7142

U/L Sec Township Range North/South East/West Prop/Act (P/A)  
 -----  
 B.H. Locn : P 8 25N 03W FTG 800 F S FTG 865 F E P  
 Lot Identifier:  
 Dedicated Acre: 160.00  
 Lease Type : F  
 Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll  
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06  
 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

ONGARD

03/29/04 10:09:52

CMD :  
OG6ACRE

C102-DEDICATE ACREAGE

OGOMES -TP9P  
Page No : 1

API well No : 30 39 22783 Eff Date : 04-30-1991  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
Prop Idn : 21977 MCCRODEN A  
Spacing Unit : 32971 OCD Order :  
Sect/Twp/Rng : 8 25N 03W Acreage : 160.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base U/L Sec	Twp	Rng	Acreage	L/W	Ownership	Lot Idn
I	8	25N	03W	40.00	N	FD	
J	8	25N	03W	40.00	N	FD	
O	8	25N	03W	40.00	N	FD	
P	8	25N	03W	40.00	N	FD	

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :  
OG6IPRD INQUIRE PRODUCTION BY POOL/Well

03/29/04 10:10:02  
OGOMES -TP9P  
Page No: 1

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
API Well No : 30 39 22783 Report Period - From : 01 2003 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 22783	MCCRODEN A	01 03 31	1711	F
30 39 22783	MCCRODEN A	02 03 28	1200	F
30 39 22783	MCCRODEN A	03 03 31	1338	F
30 39 22783	MCCRODEN A	04 03 30	1197	F
30 39 22783	MCCRODEN A	05 03 31	1194	F
30 39 22783	MCCRODEN A	06 03 30	1117	F
30 39 22783	MCCRODEN A	07 03 31	1022	F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll  
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IPRD

ONGARD  
INQUIRE PRODUCTION BY POOL/Well

03/29/04 10:10:05  
OGOMES -TP9P  
Page No: 2

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
API Well No : 30 39 22783 Report Period - From : 01 2003 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water Stat	Well
30 39 22783	MCCRODEN A	08 03 31	2360	F
30 39 22783	MCCRODEN A	09 03 30	2082	F
30 39 22783	MCCRODEN A	10 03 31	1493	F
30 39 22783	MCCRODEN A	11 03 30	1913	F
30 39 22783	MCCRODEN A	12 03 31	1700	F

Reporting Period Total (Gas, Oil) : 18327

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12



CMD : ONGARD 03/29/04 10:07:10  
 OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TP9P

API Well No : 30 39 22351 Eff Date : 03-31-1994 WC Status : A  
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
 OGRID Idn : 11996 JOHN E SCHALK  
 Prop Idn : 10031 SCHALK GULF

Well No : 002  
 GL Elevation: 7223

U/L Sec Township Range North/South East/West Prop/Act(P/A)  
 -----  
 B.H. Locn : G 8 25N 03W FTG 1725 F N FTG 1640 F E P  
 Lot Identifier:  
 Dedicated Acre: 160.00  
 Lease Type : F  
 Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll  
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06  
 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD :  
OG6ACRE

ONGARD  
C102-DEDICATE ACREAGE

03/29/04 10:07:18  
OGOMES -TP9P  
Page No : 1

API Well No : 30 39 22351 Eff Date : 03-31-1994  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
Prop Idn : 10031 SCHALK GULF  
Spacing Unit : 40224 OCD Order :  
Sect/Twp/Rng : 8 25N 03W Acreage : 160.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
A	8	25N	03W	40.00	N	FD			
B	8	25N	03W	40.00	N	FD			
G	8	25N	03W	40.00	N	FD			
H	8	25N	03W	40.00	N	FD			

E0005: Enter data to modify or PF keys to scroll  
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :  
OG6IPRD INQUIRE PRODUCTION BY POOL/Well

03/29/04 10:07:32  
OGOMES -TP9P  
Page No: 1

OGRID Identifier : 11996 JOHN E SCHALK  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
API Well No : 30 39 22351 Report Period - From : 01 2003 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	39 22351 SCHALK GULF	01 03 31	898	4 F
30	39 22351 SCHALK GULF	02 03 28	899	2 F
30	39 22351 SCHALK GULF	03 03 31	959	3 F
30	39 22351 SCHALK GULF	04 03 30	905	4 F
30	39 22351 SCHALK GULF	05 03 31	917	4 F
30	39 22351 SCHALK GULF	06 03 30	915	3 F
30	39 22351 SCHALK GULF	07 03 31	986	4 F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

03/29/04 10:07:35  
OGOMES -TP9P  
Page No: 2

OGRID Identifier : 11996 JOHN E SCHALK  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
API Well No : 30 39 22351 Report Period - From : 01 2003 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	39 22351 SCHALK GULF	08 03 31	964	1 F
30	39 22351 SCHALK GULF	09 03 30	879	3 F
30	39 22351 SCHALK GULF	10 03 28	902	4 F
30	39 22351 SCHALK GULF	11 03 30	932	3 F
30	39 22351 SCHALK GULF	12 03 31	903	2 F
30	39 22351 SCHALK GULF	01 04 31	869	3 F

Reporting Period Total (Gas, Oil) : 11928 40

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 03/29/04 10:08:28  
 OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TP9P

API Well No : 30 39 21953 Eff Date : 06-01-1979 WC Status : A  
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
 OGRID Idn : 20389 SCHALK DEVELOPMENT CO  
 Prop Idn : 10037 SCHALK 41

Well No : 002  
 GL Elevation: 7112

B.H. Locn	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
Lot Identifier:							
Dedicated Acre: 320.00							
Lease Type : F							
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :							

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GOTO	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD : ONGARD  
 OG6ACRE C102-DEDICATE ACREAGE  
 03/29/04 10:08:33  
 OGOMES -TP9P  
 Page No : 1

API Well No : 30 39 21953 Eff Date : 04-30-1991  
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
 Prop Idn : 10037 SCHALK 41  
 Spacing Unit : 34877 OCD Order :  
 Sect/Twp/Rng : 8 25N 03W Acreage : 320.00 Revised C102? (Y/N) :  
 Dedicated Land: Simultaneous Dedication:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
C	8	25N	03W	40.00	N	FD			
D	8	25N	03W	40.00	N	FD			
E	8	25N	03W	40.00	N	FD			
F	8	25N	03W	40.00	N	FD			
K	8	25N	03W	40.00	N	FD			
L	8	25N	03W	40.00	N	FD			
M	8	25N	03W	40.00	N	FD			
N	8	25N	03W	40.00	N	FD			

E00005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :  
OG6IPRD

ONGARD  
INQUIRE PRODUCTION BY POOL/WELL

03/29/04 10:08:40  
OGOMES -TP9P  
Page No: 1

OGRID Identifier : 20389 SCHALK DEVELOPMENT CO

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 21953 Report Period - From : 01 2003 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	39 21953 SCHALK 41	01 03 31	1470	6 3 F
30	39 21953 SCHALK 41	02 03 28	1370	3 3 F
30	39 21953 SCHALK 41	03 03 31	1869	11 5 F
30	39 21953 SCHALK 41	04 03 30	1507	3 3 F
30	39 21953 SCHALK 41	05 03 31	1445	2 4 F
30	39 21953 SCHALK 41	06 03 30	1514	1 2 F
30	39 21953 SCHALK 41	07 03 31	1594	2 2 F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IPRD

ONGARD  
INQUIRE PRODUCTION BY POOL/WELL

03/29/04 10:08:43  
OGOMES -TP9P  
Page No: 2

OGRID Identifier : 20389 SCHALK DEVELOPMENT CO

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 21953 Report Period - From : 01 2003 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	39 21953 SCHALK 41	08 03 31	1479	1 F
30	39 21953 SCHALK 41	09 03 30	1359	3 F
30	39 21953 SCHALK 41	10 03 28	1443	2 F
30	39 21953 SCHALK 41	11 03 30	1421	3 F
30	39 21953 SCHALK 41	12 03 31	1223	2 F
30	39 21953 SCHALK 41	01 04 31	1185	4 F

Reporting Period Total (Gas, Oil) : 18879 29 37

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12



CMD : ONGARD 03/29/04 10:06:15  
OG6IWCW INQUIRE WELL COMPLETIONS OGOUES -TP9P

API Well No : 30 39 22127 Eff Date : 04-01-1980 WC Status : A  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
OGRID Idn : 20389 SCHALK DEVELOPMENT CO  
Prop Idn : 10037 SCHALK 41

Well No : 002A  
GL Elevation: 7186

U/L Sec Township Range North/South East/West Prop/Act(P/A)  
-----  
B.H. Locn : E 8 25N 03W FTG 1850 F N FTG 1190 F W P  
Lot Identifier:  
Dedicated Acre: 320.00  
Lease Type : F  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll  
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06  
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD :  
OG6ACRE

ONGARD  
C102-DEDICATE ACREAGE

03/29/04 10:06:23  
OGOMES -TP9P  
Page No : 1

API Well No : 30 39 22127 Eff Date : 04-30-1991  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
Prop Idn : 10037 SCHALK 41  
Spacing Unit : 34877 OCD Order :  
Sect/Twp/Rng : 8 25N 03W Acreage : 320.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot Idn
C	8	25N	03W	40.00	N	FD		
D	8	25N	03W	40.00	N	FD		
E	8	25N	03W	40.00	N	FD		
F	8	25N	03W	40.00	N	FD		
K	8	25N	03W	40.00	N	FD		
L	8	25N	03W	40.00	N	FD		
M	8	25N	03W	40.00	N	FD		
N	8	25N	03W	40.00	N	FD		

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD : ONGARD 03/29/04 10:06:40  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TP9P  
 Page No: 4

OGRID Identifier : 20389 SCHALK DEVELOPMENT CO  
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 22127 Report Period - From : 01 2002 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 22127	SCHALK 41	10 03 28	537	1 F
30 39 22127	SCHALK 41	11 03 30	594	1 F
30 39 22127	SCHALK 41	12 03 31	580	1 F
30 39 22127	SCHALK 41	01 04 31	559	2 F

Reporting Period Total (Gas, Oil) : 14326 5 34

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

03/29/04 10:08:59  
OGOMES -TP9P

API well No : 30 39 26441 Eff Date : 08-14-2000 WC Status : A  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
OGRID Idn : 20389 SCHALK DEVELOPMENT CO  
Prop Idn : 10037 SCHALK 41

Well No : 002B  
GL Elevation: 7101

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	:	N	8	25N	03W	FTG 660 F S FTG 1975 F W	P
Lot Identifier:							
Dedicated Acre:						320.00	
Lease Type	:	F					
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :							

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GOTO	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD : ONGARD  
OG6ACRE C102-DEDICATE ACREAGE

03/29/04 10:09:24  
OGOMES -TP9P  
Page No : 1

API Well No : 30 39 26441 Eff Date : 04-30-1991  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
Prop Idn : 10037 SCHALK 41  
Spacing Unit : 34877 OCD Order :  
Sect/Twp/Rng : 8 25N 03W Acreage : 320.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot Idn
C	8	25N	03W	40.00	N	FD		
D	8	25N	03W	40.00	N	FD		
E	8	25N	03W	40.00	N	FD		
F	8	25N	03W	40.00	N	FD		
K	8	25N	03W	40.00	N	FD		
L	8	25N	03W	40.00	N	FD		
M	8	25N	03W	40.00	N	FD		
N	8	25N	03W	40.00	N	FD		

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

03/29/04 10:09:34  
OGOMES -TP9P  
Page No: 1

OGRID Identifier : 20389 SCHALK DEVELOPMENT CO  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
API well No : 30 39 26441 Report Period - From : 01 2003 To : 01 2004

API well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	39 26441 SCHALK 41	01 03 31	2867	22 4 F
30	39 26441 SCHALK 41	02 03 28	2361	6 4 F
30	39 26441 SCHALK 41	03 03 31	3018	17 3 F
30	39 26441 SCHALK 41	04 03 30	2636	12 4 F
30	39 26441 SCHALK 41	05 03 31	2426	15 4 F
30	39 26441 SCHALK 41	06 03 30	2683	9 6 F
30	39 26441 SCHALK 41	07 03 31	2756	9 6 F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll  
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 03/29/04 10:09:37  
 OG6IPRD INQUIRE PRODUCTION BY POOL/Well OGOMES -TP9P  
 Page No: 2

OGRID Identifier : 20389 SCHALK DEVELOPMENT CO  
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
 API Well No : 30 39 26441 Report Period - From : 01 2003 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 26441	SCHALK 41	08 03 31	2567	9 1 F
30 39 26441	SCHALK 41	09 03 30	2527	15 7 F
30 39 26441	SCHALK 41	10 03 28	2606	9 3 F
30 39 26441	SCHALK 41	11 03 30	2421	12 5 F
30 39 26441	SCHALK 41	12 03 31	2456	9 5 F
30 39 26441	SCHALK 41	01 04 31	2571	9 5 F

Reporting Period Total (Gas, Oil) : 33895 153 57

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12