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.

-2-Case No. 6965 Order No. R-6497

- (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 nonstandard 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.

OTL CONSERVATION DIVISION

STATE OF NEW MEXICO

JOE D. RAMEY

Director

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 <u>de novo</u> 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 hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

ALEX J. ARMIJO, Member/

EMERY C. ARNOLD Member

JOE D. RAMEY, Member & Secretary

SEAL

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 Mrs Onlers Noz. 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 <u>21st</u> 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, 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

gas proration unit in the Blanco Mesaverde Pool comprising the SE/4 of Section 8, Township 25 North, Range 3 West, MMPM, 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 nonstandard 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 <u>dismissed</u>.

-3-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 hereinabove designated.

> STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY, Director

SEAL

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 Mrs Ombre Nos. R-6496

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.

- (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 <u>de novo</u> 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 herein-above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

ALEX J. ARMIJO, Member

Mun Clu

EMERY C. ARNOLD, Member

JOE D. RAMEY, Member & Secretary

SEAL

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 Osalen Nos. 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.
- 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.
- 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 subsitute 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



Case No. 9096 Order No. R-6496-A 3

> 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.

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 MEXACO OIL CONSERVATION DIVISION

WILLIAM J. LEMAY

Director

SEAL

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

-2-Case No. 9228 Order No. R-8544

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.

をはませ

(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, Member

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 <u>31st</u> 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

Page 2 Case No. 9226 and Case No. 9227 Order No. R-4214-A

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.

Page 3 Case No. 9226 and Case No. 9227 Order No. R-4214-A

- (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.

Page 4
Case No. 9226 and
Case No. 9227
Order No. R-4214-A

- (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:

Page 5 Case No. 9226 and Case No. 9227 Order No. R-4214-A

- (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.
- Should any West Lindrith well in the one-half (b) 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 <u>dismissed</u> 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:

Page 6 Case No. 9226 and Case No. 9227 Order No. R-4214-A

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

Page 7
Case No. 9226 and
Case No. 9227
Order No. R-4214-A

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.

Page 8
Case No. 9226 and
Case No. 9227
Order No. R-4214-A

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.

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 ½ (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.

Page 9 Case No. 9226 and Case No. 9227 Order No. R-4214-A

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

= 1 00 1

ERLING A / BROSTUEM, Member

WILLIAM J. LEMAY,

Secretary and Chairman

SEAL

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 <u>nunc protunc</u> 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. BROSTVEN, Member

WILLIAM J. LEMAY, Chairman and Secretary

SEAL

CMD : ONGARD

OG6 I WCM

03/29/04 10:07:54 OGOMES -TP9P

INQUIRE WELL COMPLETIONS

API Well No : 30 39 23245 Eff Date : 08-01-1997 Pool Idn : 39189 LINDRITH GALLUP-DAKOTA, WEST

WC Status : A

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 Lot Identifier: ω 25N 03W FTG 2157 F S FTG 1900 F E Д

Dedicated Acre: 160.00

Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

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

OG6ACRE CMD : C102-DEDICATE ACREAGE ONGARD 03/29/04 10:08:02 Page No : OGOMES -TP9P

API Well No : 30 39 23245 Eff Date : 04-30-1991

Pool Idn 39189 LINDRITH GALLUP-DAKOTA, WEST

Spacing Unit Prop Idn 21977 MCCRODEN A 2195 OCD Order: Simultaneous Dedication: Well No : 005

8 25N 03W Acreage

160.00

Revised C102? (Y/N)

Sect/Twp/Rng : Dedicated Land:

ល Base U/L Sec РОЧН ∞ ∞ ∞ ∞ Twp Rng Acreage 25N 25N 25N 25N 03W 03W 03W 03W 40.00 40.00 40.00 40.00 L/W **z z z z** Ownership Lot Idn ŦD H HD HD

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

RM	CONFIRM	PF06 PF12	NXTOGD)))))))))))))))))))	04 GoTo 10 NXTPOOL	scroll XIT PF04 PF10	keys to scr PF03 EXIT PF09	Enter PF F02 F08 FWD	M0025: 1 HELP P 7 BKWD P	PF01 PF07
	. ! ! ! ! !]	1			(Gas, Oil)	Total	Reporting Period	Repo	
ਸ ਸ	4 0		135 186	1226 1220	3 O	06 03 07 03		MCCRODEN A	39 23245 39 23245	3 0
ים נה	80			1305	31	04 03 05 03		MCCRODEN A	39 23245 39 23245	30
יי ניין	40		17	1304					9 23	
דינ	40		30	721					9 232	
Well Stat	Water	Volumes Vil W	10 1	Production Gas	Days Prod	Prodn. MM/YY	Name	Property N	Well No	API
-	1 2004	••	. 2003 То	CORPORATION OTA, WEST d - From : 01	JRCES CORI JP-DAKOTA, Period -	N RESOURCES CORPORAT H GALLUP-DAKOTA,WEST Report Period - From	8 ENERGEN LINDRITH 9 23245 Re	r: 1629: 3918: 30	ID Identi 1 Identif Well No	OGRID Pool API W
:08:09 -TP9P o: 1	/04 10:0 OGOMES - Page No:	03/29/04 10:08:09 OGOMES -TP9P Page No: 1	03	POOL/WELL	ву рос	ONGARD PRODUCTION	INQUIRE PRO	н	CMD : OG6IPRD	CMD OG6

181 B

API Well No	Pool Identifier	OGRID Identifier		OG6IPRD	CMD :
ω (ىر	 L			
30 39 23245 Report Period - From : 01 2003	39189 I.TNDRITH CALLID-DAKOTA WEST	OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION		INQUIRE PRODUCTION BY POOL/WELL	ONGARD
2003 To : 01 2004			Page No: 2	OGOMES -TP9P	03/29/04 10:08:12

PF01 PF07		30	30	30	30	30	API
E PF01 HELP PF07 BKWD	, ž	:3 9	39	39	39	39	Wel
E0049 LP WD	Repo	23245	23245	23245	23245	23245	Well No
E0049: User may continue PF02 PF03 E D PF08 FWD PF09	Reporting Period Total (Gas, Oil)	MCCRODEN A	Property Name				
continue sc PF03 EXIT PF09	d Total (G						ame
scrolling. XIT PF04 PF10	jas,	12	11	10	09	80	Prodn MM/YY
ling. PF04 PF10	0il)	03	03	03	03	03	! • !
GOTO NXTP	·• 1	31	30	31	30	3 1	Days Prod
ing. PF04 GoTo PF05 PF10 NXTPOOL PF11 NXTOGD	Ηı	1460	1233	685	632	982	Produ Gas
ı	1 44	53	79	58	79	33	Production Vol
PF06 PF12							umes
PF06 CONFIRM	ω ,	80		40			Water
RM		Ή	ਸ਼	Ή	בי	Ή	Well Stat

Contract And Angle

1000

Office Office	Energy, Minerals and I		Revised March 25, 1999
District 1 1625 N. French Dr., Hobbs, NM 87240	Energy, minoral and i	. 1000000	WELL API NO.
District II	OIL CONSERVA	TION DIVISION	30-039-23245
811 South First, Artesia, NM 87210 District III	2040 South		5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, N	NM 87505	STATE FEE
District IV 2040 South Pacheco, Santa Fe, NM 87503	5		6. State Oil & Gas Lease No. NMSF 079609
(DO NOT USE THIS FORM FOR PRODIFFERENT RESERVOIR. USE "APP	ICES AND REPORTS ON POSALS TO DRILL OR TO DEE LICATION FOR PERMIT" FORM	PENIOR PLUG:BACK TO A	7. Lease Name or Unit Agreement Name:
PROPOSALS.) 1. Type of Well: Oil Well Gas Well X	Other 5	AN 2004	McCroden A
2. Name of Operator	5.0	State of the	8. Well No.
ENERGEN RESOURCES CORPORAT	JON / ON	2/	5
3. Address of Operator	ν. ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο		9. Pool name or Wildcat
2198 Bloomfield Highway, F 4. Well Location	armington, NM 8/4Ur.	1/5 no c7 97 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Blanco MV/W. Lindrith Gl-Dk
4. Won Education		E UE DC OF A TO COME	
Unit Letter	feet from the	South line and _	1900 feet from the East line
Section 8	Township 25		NMPM County Rio Arriba
	10. Elevation (Show who	ether DR, RKB, RT, GR, 7132' GR	, etc.)
11. Check	Appropriate Box to Ind		ce, Report, or Other Data
NOTICE OF IN	•• •	l l	JBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WOR	
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRI	LLING OPNS. PLUG AND
PULL OR ALTER CASING	MULTIPLE COMPLETION	CASING TEST AND CEMENT JOB	ABANDONMENT ABANDONMENT
OTHER: Pay Add & Downhole C	comming le	X OTHER:	· F
			
•	-	-	give pertinent dates, including estimated date ach wellbore diagram of proposed completion
In accordance to case 1 and the W. Lindrith GL-		It is intended to do	wnhole commingle the Blanco MV (72319)
MV perforations 5740-59	80' Est., GL-DK perforat		
			mended allocation- Subtraction method
following 60 days of st	abilized production. Rat	tes reported to NMOCI	D-Aztec for final determination.
The RIM has been notifi	ed of this pay add via I	Form 3160-5.	
	e compatable and no loss		
All working interest, o	werriding and royality i	interests are identio	cal in this wellbore.
	2-1386AZ		
I hereby certify that the information abo	is true and complete to the be	est of my knowledge and be	lief.
SIGNATURE Char	oul_	TITLE <u>District Engi</u>	neer DATE <u>1/7/04</u>
Type or print name Charlie Dona	hue		Telephone No. 505-325-6800
(This space for State use)		DEPUTY OIL & GAS (
APPROVED BY Conditions of approval, if any:	Type	TITLE	DATEDATE

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

State of New Mexico Energy, Minerals & Natural Resources

Joseph Commence

(A) 数据 (1000) 100 (1000) 100 (1000) 100 (1000) 100 (1000)

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

MENDED REPORT

2040 South Pachec	o, Santa Fe,	NM 87505						AME	NDED REPORT	
		WELL	LOCAT	ION AN	D ACREAC	BE DEDICA	TION PLA	T		
1	API Number			² Pool Code			³ Pool Name			
30	-039-232	45	72	2319 / 3910	39 E	lanco Mesavero	le / West Lin	drith Gall	.p-Dakota	
⁴ Property	Code				⁵ Property Nam	e		6	Well Number	
2197	7				McCroden .	A.			5	
⁷ OGRID	No.				8 Operator Nan	ic .			⁹ Elevation	
1629	28			ENERGE	N RESOURCES C	ORPORATION			7132' GR	
				10	Surface Locati	on				
UL or lot no.	Section	Township	Range	Lot. ldn	Feet from the	North/South line	Feet from the	East/West line	County	
J	8	25N	3W		2157	157 South 1900 East Rio Arriba				
11 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	
12 Dedicated Acre	s 13 Joint	or Infill 14	Consolidation	Code 15 Ord	er No.	0 11=	1			
160 / 160					NSP-	R-6497	-/4			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A MONI CTANDADD UNIT HAS DEEN ADDROVED BY THE DIVISION

	NON-DITMID	AKD UNIT HAS BEE	MAIROVEDDI	IL DIVISION
16				17 OPERATOR CERTIFICATION
·				I hereby certify that the information contained herein is true and
				complete to the best of my knowledge and belief.
		•		,
			ĺ	
			İ	
				Che Donela
				Chel Donelin
				Signature
				Charlie Donahue
				Printed Name
				_District Engineer
				Title
				Date
		* <u>* * * * * * * * * * * * * * * * * * </u>		SURVEYOR CERTIFICATION
			1900'	hereby certify that the well location shown on this plat was
		9	77.	plotted from field notes of actual surveys made by me
			-	or under my supervision, and that the same is true and correct
				o the best of my belief.
				L
				April 21, 1983
				Date of Survey
				Signature and Seal of Professional Surveyer:
Į		□		
		ı n		Michael Daly
				II.
			<u></u>	Certificate Number 5992
				Certificate Number 5992

District 1 PO Box 1980, Hobbs, NM 88241-1980 District 11 PO Drawer DD, Artesia, NM 88211-0719

1000 Rio Brazos Rd., Aztec, NM 87410

District III

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco

Form C-104 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office 5 Copies

Frames Superior Williams 18 1 Bereit in Arthur 12 Fe

Santa Fe, NM 87505

District IV 2040 South Pacheco	. Santa Fe. N	M 87505									AME	NDED REPOI	
I.			FOR A	LLOWAE	LE A	ND AI	U THO I	RIZAT	TON TO	RANS	PORT	·	
		-	rator name a	nd Address					2	OGRID N	umber		
ENERGEN RE			ON							1629		·····	
2198 Bloom		-								ason for	-	de	
Farmington 4 A	Pi Number	401			:	5 Pool Na	me			CH 10-		ool Code	
30-0 3	0-039-23	245		W	LINDR	ITH GAI	LUP DAK	OTA			5	39189	
	perty Code					Рторегту №						ell Number	
	21977		····			MCCRODE	N A					5	
II. 10	Surface	Location	l										
UL or lot no.	Section	Township	Range	Lot. ldn	Feet fro		North/So		Feet from the	1	est line	County	
J	08	25N	03W		2.	157	<u></u>	<u> </u>	1900		<u> </u>	RA	
UL or lot no.	Section	Hole Loc		Lot. Idn	Feet fre		North/So	th T in-	Feet from the	TE-mas	est line	C	
OL of lot no.	Section	townsnip	Range	LOC. IUI	reet tro	om une	Noturso	BUI LINE	reet from the	EASUM	est nue	County	
12 Lse Code F	13 Produci	ng Method Co	de 14 Gas	Connection Date	15 C	:-129 Per	mit Numbe	r 1	6 C-129 Effective	Date	17 C-1	29 Expiration Dat	
III. Oil an	d Gas T	ransporte	ers										
18 Transporter OGRID			nsporter Nar nd Address	me		20 POD		21 O/G	22 PC	D ULST		on .	
						er da jedina.							
			•			: - -			DE	शहा	W E	<u>:</u>	
	4, 7,58) 61								10000000000000000000000000000000000000		ו עוב	5 !	
% f									11/7 8	<u> </u>	العزائي		
			·						(वेभी क्ष	(1/(0)))	ان در	u.	
			·							יופועי	. e)		
IV. Produ	ced Wat	ter			š .				<u> </u>				
²³ POI					24	POD ULS	TR Location	on and De	scription				
V. Well C													
²⁵ Spud Da	25 Spud Date 26 Ready Date 27 TD				TD						DHC, DC, MC		
31 H	ole Sie		32 Casi	ng & Tubing Size	e	Ţ <u></u>	³³ De	pth Set	34 Sacks Cement				
				<u></u> .									
			 			-							
						-							
l						Щ.,.							
VI. Well 7 35 Date New		a 36 Gas Delive	ry Date	37 Test Da	te	38	Test Lengt	h	39 Tbg. Pressu	ire	40 (Csg. Pressure	
41 Choke Siz	,,	⁴² Oil		43 Water			44 Gas	45 AOF			46 Test Method		
47 I hereby certi complied with an the best of my kr Signature:	nd that the in	formation give			to	Approved			NSERVATIO	N DIVI	SION		
Printed name:	eigned L	u loe Ni	donbe for		_	Title:	PEن.		2-7-5 OR DISTRI	CT #3			
Original : Title: General Ma		y JUE N160	Jernoter		1	Approval	Date:	00	r 1 4000	·		····	
General Ma Date: 17-Se			Phone: 5/	05 - 325 - 6800	∦-			0C	r <u> </u>	-			
		rator fill in the		mber and name o								***************************************	
 		vious Ones-+	e Sianatur-	Ta	urus E	xplora	tion U.S	S.A1	nc. #16292	3 7000		1-0ct-98	

District 1 PO Box 1980, Hobbs, NM \$8241-1980

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

Form C-104 Revised February 21, 1994 Instructions on back Submit to Appropriate District Office 5 Copies

District IV			
DO D 2008	C C-	MA 02504	200

District IV PO Box 2088, Santa		OBB OUEST FOR A	LLOWAI	BLE AND A	UTHORIZ/	ATION '	TO TRANSP		MMEND	ED REPORT
Taur	us Explo	Operate U.S.	r Name and Ad		o money		2	OGRID 162	Number 928	
		Avenue Morth AL 32503-27							Filing Coo	Je
	4 API Nu				Name			6 P00	B/1/97 I Code	
	30-039-		LINE	RITH GALLU		WEST			189	
	⁷ Property 0073				ty Name DEN A				Number 5	
II. 10 Surfa				1						
UI or lot no. J	Section 8	Township 025N	Range 003W	1.ot.ldn	Feet from the 2157	North South I	Feet from the	East/	West Line E	County RIO ARRIBA
11 Bottom UI or lot no.	Hole Loc Section	Township	Range	Lot.Idn	Feet from the	North South	ine Feet from the	East	West Line	County
12 Lse Code	1	13 Producing Method C	ode 14 Gas C	Connection Date	15 C-129 Permi	t Number	16 C-129 Effective	Date	17 C-129 Date	Expiration
III. Oil an	d Gas Tra		orter Name	70.1	POD		21 O/G	1 7	2 DOD III (STR Location
00	RID 538		ddress ects oft 4 MAS surre 1460	201			G		and De	scription 5N-R003W
90	18	Glant Industries 5758 US Hwy 64	6-2124		0810		0	J-	08-T02	5N-R003W
		Farmington, 194 8	7461	100 100 10		ms ;).	eri eta erre erre e			-
					warishiit. H	en Albeit				
•					etrist price (prices)					·
IV. Produ	ced Wate	er		State Sustainings as	seest vii					
	23 POD		24 POT	ULSTR Location a	and Desc	cription				
	7. Well Completion Data 25 Spud Date 26 Ready Date 2				TD	1	28 PBTD		29 0	
-> spi	io izaic	to ready traffe		117		FDID	29 Perforations			
3	30 Hole Size 31 Casing & Tubing Size				3:	2 Depth Set		3	3 Sacks Ce	ment
VI. Well		1 35 Gas Delivery Dat	e 36 Test	Date	37 Test Length		38 Tha Pressure		39 Csg. 1	Processo
							38 Thg. Pressure			
40 Choke Size	O Choke Size 41 Oil 42 Water				43 Gas 44 AOF				45 Test N	1ethod
46 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					
		MAL			Approved by:		71	\$		
Printed Name	joe D.	Niedelhoter			Title:		JPERVISÓR	DIST	RICT #	4 3
Title:	3enepel A	Aanager -	San Juan	Basin	Approved Dat	·	Anne 1	9 100	07	
Date:	7/15/9	<u> </u>		326-2710			AUG 1	د اع:	JI	
14538 Burlingt	on Resources C	erator fill in the OGR oil & Gas Co. eator Signature	ii) number and	name of the previo	Printed Name	•	Title		Date	
Signature:	How L	^ •			Dolores Diaz		Production Associat	e	8/1/9	

District i Per Box 1989; Hobbs, NM 88241-1989

State of New Mexico Linergy, Munerals, & Natural Resources Department

A R. A. Market Company of the Compan

Form C-104
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

District R P (Drawer DD, Artesia, NM 88211-6719 District .II

OIL CONSERVATION DIVISION

	100/4 Bir- Heavin Rd. Aries. NM 8"416 PO Box 2088										
District 'A PG Box 2608 Santa					anta Fe, NM			TO TO ANCO		NDED REPORT	
<u>I.</u>	KE	QUEST I		Name and Add		U I HUKIZ.	ATION	TO TRANSP	OGRID Numb	er	
	ington	Resours	•				ŧ	R	14538	Code	
•		NM 874	9 9						- 7/11/		
	· API N 30-039			LINT	Pool PITH GALLU	Name IP DAKOTA.	WEST		Pool Code 39189		
		ly Code				ty Name			Well Numbe		
	007					DEN A			#5		
II '' Surfa			· · · · · · · · · · · · · · · · · · ·		1	Feet from the	North South I	T.E C	East West Li		
UI or lot no.	Section 8	Townsl 0.2		Range 003W	Lot.Idn	2157	S	Feet from the	E	ne County RIO ARRIBA	
11 Bottom							T				
UI or lot no.	Section	Towns	nip [1	Range	Lot.Idn	Feet from the	North South I	ine Feet from the	East West Li	ne County	
Lse Code	1	"Producing \	ethod Code	'Gas Co	nnection Date	° C-129 Permit	Number	* C-129 Effective	Date C-1	29 Expiration Date	
III. Oil an											
OC	sporter RID		Transporte and Add	ress	. ∞ P	OD			ano	VLSTR Location Description	
14	538	14.2		4045514 4045514				G	J-08-1	025N-R003W	
90	9018 Stant TruckTitlet					1320810			O J-08-T025		
			e a. 60 a		1 16 M						
					1	an a		44 <u>-</u>			
IV Produ	1377-										
IV. Ploqu	ceu wai		OD				" POE	U.STR Location a	nd Description		
V. Well C		on Data									
Spi	d Date		Ready	Date		TD		·· PBTD		Perforations	
	Hole Size			Casing & Tu	bing Size		Depth Set		" Sack	Cement	
VI. Well	Test Dat	a						1			
" Date New O		** Gas Deliv	ery Date	Test 13	late	" Test Length		Tbg. Pressure	···Cs	g. Pressure	
* Choke Size		* Oil		· Water		- Gas		" AOF	· Te	st Method	
					e been complied		OIL CO	NSERVATION NECESTRATION NECESTR	N DIVIS	ION	
with and that t knowledge and	l belief.		i× true and	complete to th	e best of my					• •	
Signature:	How I	leg				Approved by:	Frank	T. Chavez			
Printed Name:	1-0					Title:		ct Supervisor			
	s Apprint	: 1.5		1		Approved Dat	e: July l	1, 1996			
Date:				Phone	324-7773						
14538 Meridian	Oil Production	n	OGRID nu	mber and nam	e of the previous of						
1	~	ator Signature				Printed Name		Title		Date	
Signature:	How h	less				Dolores Thaz		Production Associate		711.96	

Appropriate District Office
DISTRICT |
P.O. Box 1980, Hobba, NM 88240

DISTRICT E. P.O. Drawer DD, Asseta, NM 44210

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Pe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazza Rd., Aziac, NM 87410

L,			ILE AND AUTHORI . AND NATURAL GA			
Operator	1010	ANSFORT OIL	AND INTOTAL CO	Wall A	Na.	
MERIDIAN OIL INC.				<u>L</u>		
P. O. Box 4289, Farmin	ngton, New M	lexico 874	99 (′			
Resease) for Filing (Check proper box)	0		Other (Please expla	ain)		
Recompletion		a Transporter of: Dry Cha	$a \infty$	1	1 100	100
Change in Operator 🔼	Casingheed Gas (2	Condensate []	OH!	201	<u> 600</u>	3190
If change of operator give name Union	n Texas Peti	roleum Corpo	ration, P. O. E	30x 2120	Houston	TX 77252-2120
IL DESCRIPTION OF WELL	AND LEASE					
McCRODEN "A"	Web No	Pool Name, Includ		Kind o	Lease Science or Fee	Less No. SF079609
Location	<u>-</u>	LINDRITH,	GALLUP-DAKOTA W	- 1-7		
Unit Letter	: 3151	Peet Prom The	<u> </u>	CC Foo	t From The	Line
Section 8 Township		Ranso 3W	, NIMPML R	IO ARRIB	A	County
Section () Townstra	2.311	KIES OIL	, Marine			County
III. DESIGNATION OF TRAN			RAL GAS Address (Give address to w	hish summered	and this form	is to be coul
Meridian Oil Inc.	⊠ a Costo		P. O. Box 4289			
Name of Authorised Transporter of Casing Union Texas Petrolrum		or Dry Gas	Address (Give address to w	hich approved	copy of this form	Lis to be sent)
If well produces cell or liquids,	Unit Sec.	Tora Rec	P.O. Box 2120,	When		52-2120
give location of tanks.	ii	<u>i i i i i i i i i i i i i i i i i i i </u>	<u> </u>	i		
If this production is comminged with that I IV. COMPLETION DATA	from any other lease o	or pool, give committ	ling order sumber:			
Designate Type of Completion	- (X)	Cae Well	New Well Workover	Despes	Plug Back Si	une Ros'v Diff Res'v
Date Spadded	Date Compt. Ready	so Prod.	Total Depth	.l	P.B.T.D.	
Elevations (DF, RKS, RT, GR, stc.)	Name of Producing	Formation	Top Oil/Gas Pay		Tubing Depth	
Performions	1		.l		Depth Casing	Shoe
	TUBING	G. CASING AND	CEMENTING RECOR	ap	<u>!</u>	
HOLE SIZE		TUBING SIZE	DEPTH SET		SA	CKS CEMENT
	 	· · · · · · · · · · · · · · · · · · ·	 		 	
V. TEST DATA AND REQUES	ST FOR ALL OV	VARIF			L	
OIL WELL (Test must be after !			n be equal to or exceed top al			full 24 hours.)
Date First New Oil Rus To Task	Date of Test		Producing Method (Flow, p	rump, gas lift, e	ic.)	
Length of Test	Tubing Pressure		Casing Pressure	n R P	Choke Size	(B)
Actual Prod. During Test	Oil - Bbla.		Water - Bbla.		ST MET	
	<u> </u>		<u> </u>	JUL	l 3 1990 -	<u>ك</u>
GAS WELL [Actual Fred. Test - MCF/D	Length of Test		Bbls. Condenmis/MMCF		MA: DI	den mus
The leaf the land in			Jose Calabara Marica	- : :	1	-
Testing Method (pitot, back pr.)	Tubing Pressure (Si	nut-in)	Casing Pressure (Shit-in)		Stand Size	
VI. OFERATOR CERTIFIC	ATE OF COM	IPLIANCE	0".00	NEEDV	ATIONIC	IVISION
I hereby certify that the rates will ment Division have been complied with and			ii Oir CO	INOCH A		
is true and complete to the best of try			Date Approv	ed	JUL 03	1990
Xenlin'	Kalin	7 311	1		ر ر اد	D /
Signature Leslie Kahwajy	Prod Sam	v. Supervis	Ву			
Printed Name		740) 326-9700	Title	SUP	ERVISOR (DISTRICT /3
6/15/90 Date) 326-9700 (elephone No.				1
	•		11			t

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.
- All sections of this form must be filled out for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
 Separate Form C-104 must be filed for each pool in multiply completed wells.

Submit 5 Comes
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM \$8240

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

State of New Mexico Energy, Minerals and Natural Resources Department

Land Control of the C

OIL CONSERVATION DIVISION P.O. Box 2088

DISTRICT III	Зал	ila re, New Me	XICO 8/3U	4-2088	·			
1000 Rio Brazos Rd., Azzec, NM 87410	REQUEST FOR ALLOWABLE AND AUTHORIZATION							
I. Operator	TOTRA	NSPORT OIL	AND NA	TURAL GA	S Well A	PINO		
Union Texas Petro	leum Cornorat	ion				11110.		
Address P.O. Box 2120 4	ouston, Texas	77252-212	20					
Remon(s) for Filing (Check proper box)				z (Please expia	IR)			
New Well	Change in	Transporter of:		·				
Recompletion	Oil 🔀	Dry Gas 🛄						
Change in Operator	Caninghend Gas	Condensate						
(Change of operator give name			J					
IL DESCRIPTION OF WELL		LINDEITH			(Kind o	<u> </u>		ss. No.
McCroden "A"	5	GA11up-Da		UEST		ederal or For		9609
Location					_			
Unit Letter	.:	Feet From The		e and	F	t From The		Line
Section & Township	25N	Range 34	<u>// N</u>	мрм,	10 H	KKIVI	}	County
III. DESIGNATION OF TRAN	40 C-14-1			e address to wh	ich gamer d	same of this 4		
Meridian Oil Inc.	1 3 1	- -		Sox 4289,				"
Name of Authorized Transporter of Casing		or Dry Gas X	·	e address to wh				
Union Texas Petro		بحم بدد		ox 2120.			7252-212	
i If well produces oil or liquids, give location of tasks.		Twp. Rgs.	is gae accuel		When			
		LL	<u> </u>		L	· · · · · ·		
If this production is commingled with that I IV. COMPLETION DATA	TOOL MBY OTHER ISLES OF	pool, give co mmingt	ing order mun	ber:				
Designate Type of Completion	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Resy
Date Specified	Ditte Compt. Rendy to	Prod.	Total Depth	1	L	P.B.T.D.	L	<u> </u>
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Fo	TOTAL CO.	Top Oil/Cas	Pay		Tubing Dep	<u> </u>	
Performaces	l		<u> </u>		 			
raidada						Depth Casis	& 7000	
		CASING AND	CEMENTI	NG RECOR	D			
HOLE SIZE	CASING & TL	JBING SIZE	1	DEPTH SET		<u> </u>	SACKS CEME	NT
!	<u> </u>		 	·		<u>: </u>		
			!					
U TEST DATA AND DECISE	TEOD ALLOW	ADIE						
V. TEST DATA AND REQUES OIL WELL (Test must be after to	FUK ALLUW /				mahla for thi		for full 3d hour	
Data First New Oil Run To Tank	Date of Test	9 200 01 00 110		ethod (Flow, pu			, <u>,</u>	
Length of Test	Tubing Pressure		Casing Press	ture		Choka Size		
Actual Prod. During Test	Oil - Bbls.	·	Water - Bble			Gas- MCF		
GAS WELL								
Actual Prod. Test - MCF/D	Length of Test		Bbls. Conde	amin/MMCF		Gravity of (Condensate	
Testing Method (pilot, back pr.)	Tubing Pressure (Shu	(-金)	Casing Press	um (Shul-un)		Choke Size		
VI. OPERATOR CERTIFIC	ATE OF COM	TIANCE	-		 _			
I hereby certify that the rules and regul	ations of the Oil Conse	rvatios	-	OIL CON	ISERV	ATION	DIVISIO	N
Division have been complied with and is true and complete to the best of my		AND SPOAS	Det	e Approve	d 1	AUG 28	1989	
() +	1 King		j Dali	שאטועער פ) /	·
Signature C. Disch	- Cloba	as Casistin	By_	· · · · · · · · · · · · · · · · · · ·	3	<u> </u>	<u>~</u>	
Annette C. Bist		eg. Secrtry	Title		⊅n⊾£K∆;	ISION D	STRICT #	<i>†</i> 3
08-09-89 Date	(713)9 Tel	68-4012 ephone No.	''''					

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 usame or number, statisporter, or other such changes.

 4) Separate Form C-104 must be filled for each nonl in makindy commissed smalls.

STATE OF NEW MEXICO ENERGY AND MINERALS CEPARTMENT

00. 60 1 PP14 014	4740	
DISTRIBUTE	ON T	
SAMTA FE		
FILE		i
v.s.a.		
LAND OFFICE		
TRAMSPORTER	OIL	
	0 46	
OPERATOR		
PRORATION OF	168	

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

Form C-104 Revised 10-01-78 Format 06-01-83 Page 1

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

TRAMSPORTER GAS	REQUEST FOR ALLOWABLE						
AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS							
Operator							
Union Texas I	<u>etroleum</u>						
375 IIS Hinhwa	ay 64, Farming	ton NM 97/	ini				
Reason(s) for filing (Check proper b	02)	COTT - 1411 074		Other (Please	expiaini	~ 	
New Well	Change in Tran	nsporter of:			Fron	n 0, to 60	ül-Dak
Recompletion	Oii		y Gas	Dool oh		•	•
Change in Ownership	Cusinghea	es Gos 🔲 Ca	ondensate	root cii	ange per NM	10CD K -5	244
<u> </u>							32 117
If change of ownership give name and address of previous owner. II. DESCRIPTION OF WELL A		— <u>————————————————————————————————————</u>					
Lease Name		Name, including F	ormation		Kind of Lease		Lease
McCroden A	5 Wes	st lindrith	Callun	Dakota	State, Federal or	Fee End CE	-079609
Location	D MES	ST THURLE	12911111	Uakota		LEG 2L	-0149009
Unit Letter J : 21	157 Feet From The	South Lin	• end	1900	Feet From The	East	
	. OEN) (. <i>t</i>		Dia Kana		
Line of Section 8 1	rownship 25N	Range	3W	, NMPM	. Rio Arri	Da	Ceu
III. DESIGNATION OF TRAN	SPORTER OF OIL	AND NATURAL	GAS	ive address i	to which approved	copy of this form	is to be sent)
Conoco, Inc. Surface	****	on	D 0	Pay 1/12	Q Ploomfic	.1.4 NM 07	//12
Name of Authorized Transporter of	esinghedd Gos X	of Dry Gas	Address (G	ive address	9. Bloomfie	copy of this form	is to be sent)
Union Texas Petrole					y 64, Farmi		
		Twp. Rge.		ally connects		rig corr, iti	07401
If well produces all or liquids, give location of tanas.	; j 8	25N 3W	Yes		. i	Consider and South South	••,
that a conduction is compared at	with that form any ash			line ander			
If this production is commingled	with that from any oth	ter rease or poor,	fise commi	ufiruf olgai			
NOTE: Complete Parts IV and	d V on reverse side i	f necessary.					
VI. CERTIFICATE OF COMPLI	ANCE		1	OIL C	ONSERVATIO	N DIVISION	
VI. CERIMICATE OF COMPL	ALICE		[[1 8 1388	
I hereby certify that the rules and regul-			APPRO	VED		10 1000	, 19
been complied with and that the informa- my knowledge and belief.	ition given is true and con	nplete to the best of			7.1		•
my anowieuge and benefit.			BY		Carle 1	- Same	
			TITLE		SUPERVISION	ON DISTRIC	T#3
0/-	/2]				
Robert C	Trans	6	i		be filed in com	•	· · · · ·
7514	meture)				lest for allowabl be accompanied		
Permit Coordinator	-				well in accordan		
April 7, 1988	'lele)	····			this form must b completed wells.		mpletely for al
	Date)				ections I. II. II., or transporter of		

Form C-104 Revised 10-01-78 Format 08-01-83 Page 2

IV. COMPLETION DATA	Oil Well	Gas Well	New Well	Workover	Ceepen	Plug Back	Same Resty.	Diff. Res'v.
Designate Type of Completic	Date Compl. Ready to F) Drad	Total Depti		<u> </u>	 	<u> </u>	
Octo Spudded	Date Compt. Ready to F	riog.	1 otal Debis			P.S.T.D.		
Elevetions (DF, RKB, RT, GR, etc.,	Name of Producing Fore	mation	Top OII/Ga	s Pay		Tubing Dep	th	
Perferetions	<u> </u>				····	Depth Cass	ng Shae	
	TUBING,	CASING, AN	O CEMENTI	NG RECORD)			
HOLE SIZE	CASING & TUB	ING SIZE		DEPTH SE	Y	S.	CKS CEMEN	17
			-					
	 		-					
			<u> </u>					
V. TEST DATA AND REQUEST OIL WELL	FOR ALLOWABLE	Test must be a able for this de	ifter recovery	of total valum (ull 24 hours)	e of load oil	and must be e	qual to or eace	red top allow
Date First New Cit Run Te Tanks	Date of Test		Producing k	isthed (Flow,	pump, gas l	ifs, ese.)		
Longth of Toot	Tubing Pressure		Casing Pres	iowo .		Choke Size	 	
Astual Prod. During Teet	Oil-Bbis.		Water - Bbls	•		Ges - MCF		
A C NATE F	<u> </u>		<u> </u>				· ——	
AS WELL Actual Prod. Test-MCF/D	Length of Test		Bhis, Conde	nagte/MMCF		Gravity of C	'ordenagte	
Testing Method (pitot, back pr.)	Tubing Pressure (Shite-	(هه-	Casing Pres	eme (Bpat-	La)	Choke Size		

SANTA FE, NEW MEXICO 87501



All distances must be from the outer boundaries of the Section Well No. Union Texas Petroleum McCroden A Unit Letter Township County Section 25 North 3 West Rio Arriba Actual Fastage Location of Well: 2157 South 1900 feet from the line and feet from the East Pool Dedicated Acreoge; Ground Level Elev. Producing Formation 7118 Gallup/Dakota West Lindrith _ SW/4 160.00 Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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? 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 Robert C. Frank Permit Coordinator Union Texas Petroleum January 14, 1988 I hereby certify that the well location shown on this plat was platted from field 1900 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 2157 Date Surveyed Registered Professional Engineer and/or Land Surveyor Certificate No. 2000

1 300

40. 07 COPIES SEC	LIVED	1	
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
IRANSPORTER	OIL		
,			
OPERATOR			
			_

4/2/84

Date

NEW MEXICO OIL CONSERVATION COMMISSION REQUEST FOR ALLOWABLE

Form C-104
Cunersedes Old C-104 and C-110

	FILE	KEQUEST I	FOR ALLOWABLE	Supersedes Old C-104 and C-11: Effective 1-1-65
	U.S.G.S.		AND	
	LAND OFFICE	AUTHORIZATION TO TRA	NSPORT OIL AND NATURAL	GAS
	Oil			
	TRANSPORTER GAS	_		
				
_	PRORATION OFFICE		• .	
1.	Operator			
		Composition		
	Union Texas Petroleum	corporation		
		notes Nov. Maydes 07400	,	
	P. 0. Box 1290, Farmi			
	Reason(s) for filing (Check proper box)		Other (Please explain)	
	New Well	Change in Transporter of:	<u></u>	
	Recompletion	Cil Dry Gas	°	
	Change in Ownership	Casinghead Gas Conden	sone []	
	If change of ownership give name			
	and address of previous owner		·	
11.	DESCRIPTION OF WELL AND I			
	Lease Name	Well No. Pool Name, Including Fo		
	McCroden "A"	5 Ojito Gallup-I	Dakota Ext. State, Feder	cler Fee Fed. SF 079609
	Location			
	Unit Letter J ; 2157	Feet From The South Line	and 1900 Feet From	The East
	Line of Section 8 Tow	mahip 25N Range	3W , NMEM, Ric	Arriba county
Ш.	DESIGNATION OF TRANSPORT	ER OF OIL AND NATURAL GA	s	
	Mame or Authorized Transporter of Ci.		Address / Give address to which appro	oved copy of this form is to be sent)
	Plateau, Inc.		P. O. Box 489, Bloomfi	eld N.M. 87413
	Name or Authorized Transporter of Cas.	inghéas Gas 📉 - at Dry Gas 🚞	Address Give address to which appro	ored copy of this form is to be sent)
	Union Texas Petroleum	Corp	P. O. Box 1290, Farmir	aton. N.M. 87499
	;	Uni: Set. Twp. Fige.	is gas actually connected? Wi	ng COH , N. Pl. 0/433
	iff well produces oil or liquids, it give location of tanks.	J 8 25N 3W	No	
•••	If this production is commingled with	n that from any other lease or pool,	give commingling order number:	-
17.	COMPLETION DATA	Ct. We.i Gas Weli	New Well Workover Deepen	Plug Back Same Resty. Diff. Resty.
	Designate Type of Completion	$r_0 = I(X)$	•	Find Book Same Nes-V. Diff. Nes-V.
	Date Spuddes	Sate Compl. Ready to Prod.	Total Depth	P.B.T.D.
			i	•
	Elevations (DF, RKE, RT, GP, etc.)	9/4/83	8210	8025
	•		Top Cil/Gas Pay	Tubing Depth
	7132 R.K.B.	Gailub-Dakota	! 6870	7859 Depth Casing Shoe
	6870 - 7986			8209
		TUBING, CASING, AND		
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
	12-1/4"	8-5/8". 24.00#	279	236 cu. ft.
	7-7/8"		8209	3942 cu. ft. (3 stages)
	<u> </u>	2-3/8", E.U.E., 4.70#	7859	
	L		<u> </u>	
V.	TEST DATA AND REQUEST FO	OR ALLOWABLE Test must be af		and must be equal to or exceed top allow-
	OIL WELL		psh or be for full 24 hours)	
	Date First New Oil Run To Tanks	Date of Test	Producing Methon Flow, pump, gas l	ifi, eic.)
	10/11/83	10/25/83	Pumping	
	Length of Test	Turing Pressure	Casing Pressure	Choke Size
	24 hours	40		1-3/8"
	Actual Prop. During Test	C1 Bale.	Water - Bbls.	Gae-MOF
	66 bbl. of oil	66	<u>; 4 </u>	188
	GAS WELL			
	Actual Frag. Test-MCF/D	Length of Test	Bbis. Condensate AMCF	Gravity of Condensate
	•		<u>:</u>	
	Traine Methes (publ, back pro)	Tubing Pressure (Shut-in)	Cosing Pressure (Shut-in)	Choke Size
			t	
1,	CERTIFICATE OF COMPLIANO	CE .	OIL CONSERV	ATION COMMISSION
• ; ;	CERTIFICATE OF COMPLIANCE	- 		and the second s
	* harry manifulation at a color and a	noulations of the Dil Consequence	APPROVED	
	I hereby certify that the rules and rules commission have been complied w	ith and that the information given	Original Signal i	. The second response
	above is true and complete to the	best of my knowledge and belief.	1) 01	
	,	~	SUPER	VISOR DISTRICT 第 3
	/ /	\mathcal{I}_{A}	TITLE	
	Y HCK	. // //.		compliance with RULE 1104.
	Junet C. 18	racy	If this is a request for allo	wable for a newly drilled or deepened anied by a tabulation of the deviation
	Kenneth E. Roddy (Signa		well, this form must be accomp tests taken on the well in acco	ordance with RULE 111.
	Area Production Supe	rinténdent	All sections of this form to	ust be filled out completely for allow-
	/T.,			

able 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 NO MINERALS DEPARTMENT

DISTRIBUTION			
SANTA FE			1
FILE			1
WAGA.			ì
-			
TRAMPORTER	014	Ł	
Sas			
OPERATOR	CPERATOR		
	-	_	

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

The second of th

Form C-104 Revised 10-01-78 Format 06-01-83 Page-1

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL CAS

I	~01110K	IZATION TO TRANSP		TURNE GAS			
Union Texas Petroleum Corporation							
Adaptes	Adaptess .						
P. O. Box 1290, Farmingt Ressen(s) for filing (Check proper box)	P. O. Box 1290, Farmington, New Mexico 87499 Ressents) for filing (Cheek proper box)						
New Wolf	Change to	Transporter of:	J	·	•	}	
Processpirition	∑ on	<u> </u>	Gen				
Change in Ownership	Com	ngheed Gas Co	denosio			السيبيبين	
Change of ownership give name							
and address of previous owner							
II. DESCRIPTION OF WELL AND LI		Pool Name, Including Fo	rmation	Kind of Lease		Legge No.	
McCroden "A"	5	Ojito Gallup		State, Federal or Fee	Fed. SF	079609	
Location				,			
Unit Letter J : 2157	Feet Fro	- South to	1900	Feet From TheE	ast		
Line of Section 8 Townshi	• 25N	Range	3W . wi	мри. Rio Arriba		County	
Control of the contro							
III. DESIGNATION OF TRANSPOR		OIL AND NATURAL		ess to which approved copy			
Gary Energy Corporation		GREENING .		39, Bloomfield, N.		i de seuti.	
Name of Authorized Transporter of Casings	eed Ges 🗒	er Dry Ges		ess to which approved copy		e sentj	
Union Texas Petroleum C				290, Farmington, N	I.M. 8749	9 .	
If well produces oil or liquids, give location of tanks.	j : 8	25N 3W	NO Approximately when				
If this production is commingled with th	at from an	ry other lease or pool,	give commingling o	order number:			
NOTE: Complete Parts IV and V on	reverse s	ide if necessary.		•			
VL CERTIFICATE OF COMPLIANCE	;			L CONSERVATION D	IVISION		
				ROVNII	5.41		
I hereby certify that the rules and regulations o been complied with and that the information give			APPROVED			19	
my knowledge and belief.		ļ	BY_SA	and you			
-	_		TITLE	SUPERVIOR OSTA	!CT # \$		
Kenneth E. Bld.	1		This form i	s to be filed in complian	cs with RULE	1104-	
Kenneth E. Roddy Girarra					d or deenened		
Area Production Superir		t	tests taken on t	the well in accordance w	ith Rule 111.	•	
(Title)			All sections able on new and	s of this form must be fill d recompleted wells.	ed out comple	tely for allow-	
10/2/84 (Desc)	· · · · · · · · · · · · · · · · · · ·		Fill out on.	ly Sections L. II. III, an mber, or transporter, or oth	d VI for chan	gre al owner,	
		-	Separate F	orms C-104 must be flid			
•		ļ!	completed wells.	· Augustin sign		•	

TO ALDIV

STATE OF NEW MEXICO RET NO MINERALS DEPARTMENT

	,	_]	
DIST	D-41	1	Ī
-74 78		ŢŢ.	
. 6			
	1		
-0 0 7 1 2		I^-	
	OIL		
	• 44	1	
ERATOR			
-			

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

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

REQUEST FOR ALLOWABLE AND

ADTHORIZATION TO TRANS	PORT DIE AND NATURAL GAS
Jnion Texas Petroleum Corporation	
over .	
P. O. Box 1290, Farmington, New Mexico 87499	
-som(s) for filing (Check proper box)	Other (Please expians)
New Self Charge to Transporter of:	
Remarks Qui Qui	Ary Coss 1 (A. 1974)
Change in Ownership Consumptions Cons	ondens mp
sage of ownership give name	
DESCRIPTION OF WELL AND LEASE	
me Name Well No. Fool Name, locinding F	1 CUCIUI LOGIS NO.
McCroden "A" 5 Ojito Gallup D	akota Ext. Sime, Formal or For SF 079609
WI HOUSE	,
Unit Letter J : 2157 Feet From The South Lis	Feet From The East
Line of Section 8 Township 25N Range	3W NUPL Rio Arriba County
DESIGNATION OF TRANSPORTER OF OIL AND NATURAL	
THE OF AUGMONIZED Transporter of City or Concernance	Accress (Give accress to maich approved copy of this form is to be sent)
Conoco, Inc. Surface Transportation	IP. O. Box 1429, Bloomfield, N.M. 87413
Union Texas Petroleum Corporation	P. O. Box 1290, Farmington, N.M. 87499
of memory of the sec. Top. Rea. J 8 25N 3W	Yes when
is production is commingled with that from any other lesse or pool,	give commungling order numbers
TE: Complete Parts IV and V on reverse side if necessary.	
CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
con court that the rules and requireness of the Oli Conservation Division have	APPROVED 5
complete with and that the information given is the and complete in the best of information and bestef.	Sranfar J. C.
\mathcal{L}	TITLE SOURCE WETTON # 3
\mathcal{L}_{0} . H < \mathcal{L}_{0}	This form is to be filed in compliance with RULE 1104.
Enneth E. Roddy (Suresure)	If this is a request for allowable for a newly critised or despense
rea Production Superintendent	well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
(Tule)	All sections of this form must be filled out completely for allowable on new and recompleted wells.
(Date)	Fill out only Sections 1. II. III. and VI for thanges of owner, well name or number, or transporter, or other such thange of condition.

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

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

	Budget Bureau No. 42-R1474
	5. LEASE
	SF_079609
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME .
rent	7. UNIT AGREEMENT NAME
	8. FARM OR LEASE NAME McCroden A
	9. WELL NO.
	10. FIELD OR WILDCAT NAME
	Ojito Gallup Dakota Ext.
	11. SEC., T., R., M., OR BLK. AND SURVEY OR
17	AREA Section 8, T25N-R3W NMPM
	12. COUNTY OR PARISH 13. STATE
•	Rio Arriba New Mexico
	14. API NO.
CE,	
	15. ELEVATIONS (SHOW DF, KDB, AND WD)

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a differential.) 1. oii gas well A 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 below.) AT SURFACE: 2157'FSL; 1900' FEL AT TOP PROD. INTERVAL: Same as above AT TOTAL DEPTH: <u>Same as above</u> 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTIC REPORT, OR OTHER DATA 7118' GR **REQUEST FOR APPROVAL TO:** SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE NOTE: Report results of multiple completion or zone REPAIR WELL change on Form 9-3301 PULL OR ALTER CASING MULTIPLE COMPLETE **CHANGE ZONES** ABANDON*
(other) Perforations 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. Perfortations for the Greenhorn are 7792,88,81,76,70,65,56,50,44,40 for a total of 11 shots. Perforations for the 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 @ ___ 18. I hereby certify that the foregoing is true and correct TITLE Engineering Analyst December 16, 1983 (This space for Federal or State office use) __ TITLE _ DATE CONDITIONS OF APPROVAL IF ANY:

DEC 3 0 1943

UNITED STATES

SUBMIT IN DUPLICATE.

Form approved. Budget Bureau No. 42-R355.5.

0:1:: ===		
DEPARTMENT OF	THE	INTERIOR
CEOLOCICAL	CIID	ノビン

(See other instructions on reverse side) 5. LEASE DESIGNATION AND SERIAL NO. GEOLOGICAL SURVEY SF 079609 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG* ia TYPE OF WELL: WELL X 7. UNIT AGREEMENT NAME Other b. TYPE OF COMPLETION: WORK DEEP- DEEP-WELL X PLEG DACK DIFF. DESVA. S. PARM OR LEASE NAME 2. NAME OF OPERATOR McCroden A 9. WELL NO. Union Texas Petroleum Corporation 3. ADDRESS OF OPERATOR 10. FIELD AND POOL, OR WILDCAT P.O. Box 1290, Farmington, New Mexico 87499
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). Ojito Gallup Dakota Ext. 2157' FSL: 1900' FEL 11. SEC., T., R., M., OR BLOCK AND SURVEY At top prod. interval reported below Same as above Section 8, T25N-R3W NMPM Same as above 🗼 🛴 At total depth 12. COUNTY OR PARISH 13. STATE 14. PERMIT NO. DATE ISSUED Rio Arriba <u>New Mexico</u> 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, BEB, RT, GR, ETC.) 19. ELEV. CASINGHEAD 7-19-83 8-13-83 9-4-83 7132' RKB 71<u>18' GR</u> 23. INTERVALS DRILLED BY 22. IF MULTIPLE COMPL. ROTARY TOOLS CABLE TOOLS 20. TOTAL DEPTH, MD & TVD 21. PLUB, BACK T.D., MD & TVD b-8210' 25. WAS DIRECTIONAL 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) SURVEY MADE 7986'**-**7834' 7372'-7148' Dakota & Graneros Gallup 7792'- 40' 7074'-6870' Greenhorn Gallup NO 27. WAS WELL CORED 26. TIPE ELECTRIC AND OTHER LOGS RUN IFSL-GR, CNL-FDC No CASING RECORD (Report all strings set in well) 28. CABING BIZE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED 24.0 8-5/8" 12-1/4" 2791 236 cu.ft. 4-1/2" 82091 7-7/8" 11.6 3942 cu.ft.(3 stage) (See Attachment) 29. LINER RECORD 30. TUBING RECORD BOTTOM (MD) DEPTH SET (MD) PACKER SET (MD) BIZE TOP (MD) SACKS CEMENT* SCREEN (MD) SIZE 2-3/8" 7859 31. PERFORATION RECORD (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 7986'-7834' 18 Shots DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 7792'- 40' 11 Shots 7986'-7834' See Attachment 7372'-7148' 19 Shots 7792'- 40' See Attachment 7074'-6870' 18 Shots 7372'-7148' 7074'-6870' See Attachment See Attachment PRODUCTION WELL STATUS (Producing or shut-in) DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) SÏ Pumping 9-13-83 DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR OIL-BBL. GAS-MCF. GAS-OIL BATIO 1-3/8" 10-25-83 24 188 2848 66 CALCULATED 24-HOUR BATE FLOW. TUBING PRESS. CASING PRESSURE OIL-BBL. GAS-MCF WATER-BBL. OIL GRAVITY-API (CORB.) 188 4 66 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY <u>Vented (to be sold)</u> 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 plan 11-30-83 TITLE Engineering Analyst Edmister

*(See Instructions and Spaces for Additional Data on Reverse Side) is the control of the

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. 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 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

it there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State should be listed on this form, see item 35.

or Federal office for specific instructions.

fems 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 21 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.

We are "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

We separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.) tem 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.

BRS	TOF	BITE TRUE VART. DEPTH		
GEOLOGIC MARKERS		MRAN. DEPTH	3280 3310 3310 3520 3720 4560 5810 6850 7705 7705 7905	
38. GEOLOG	NAMB		Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House Point Lookout Mancos Gallup Greenhorn Graneros Dakota	•
MARY OF POROUS ZONES: BHOW ALL IMPORANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, PLOWING AND SHUT-IN PRESSURSS, AND RECOVENIES	DESCRIPTION, CONTENTS, ETC.			
MARY OF POROUS ZONES: BHOW ALL IMPORANT ZONES OF POROSITY AND CONTENTS THERE DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, PLOY	BOTTOM			
	TOP			- -
37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF DEPTH INTERVAL TESTED, CUSH	FORMATION			

(other) Drilled to TD and Cased

REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE **CHANGE ZONES** ABANDON*

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY	8. LEASE SF 079609 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
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.)	7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME
1. oil gas other 2. NAME OF OPERATOR	McCroden "A" 9. WELL NO. 5
Union Texas Petroleum Corporation 3. ADDRESS OF OPERATOR	10. FIELD OR WILDCAT NAME Ojito Gallup-Dakota Ext.
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	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 New Mexico 14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone

change on Form 9-330.)

7132' R.K.B.

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.)*

SUBSEQUENT REPORT OF:

Spud 12-1/4" surface hole at 3:00 A.M., 7-19-83.

- Drilled 12-1/4" hole to TD of 285' R.K.B.
- Ran 6 joints 8-5/8", 24.0#, K-55 casing and set at 279' R.K.B.
- Cemented 8-5/8" with 236 cu. ft. Cl B w/2% CaCl, 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.
- 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. Cl B w/2% CaCl, 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		
SIGNED J. a. Elmila	TITLE Engr. Analyst	DATE 9-16-83
	This space for Federal or State office w	
APPROVED BY	TITLE	DATE

ACCEPTED FOR RECORD

*See Instructions on Reverse Side

SEP 21 1983

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.

GPO : 1981 O - 347-165

Ė

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

9. Pressure test to 1800 PSI. Held (

10. Clean out casing to 8166'.

SUBMIT IN TRIPLICATE.

(Other instructions on reverse side)

The second section in

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR

20 - 12 0 - 12 0 15

36	· C	<u> 39</u>	-	3:	3.2	45	
5.	LEAGE	DESI	UNA	TION	AND	BERIAL	NQ.

	GEOLO	GICAL SURVEY	•			SF 079609	
APPLICATION	Y FOR PERMIT	O DRILL, DE	EPEN, OR	PLUG B	ACK	8. IP INDIAN, ALLOTTE	E OR TRIBE NAME
b. TYPE OF WELL	AS OTHER G	DEEPEN Commingle allup-Dakota	arvara =	PLUG BAG	4	7. UNIT AGREEMENT	MR
Union Texas	Petroleum Corpo	ration				McCroden "A	<u> </u>
P. O. Box 80	8, Farmington,	New Mexico	87499	(1)	ED	5 1 FIELD AND POOL,	OR WILDCAT
4. LOCATION OF WELL (E. At surface 2157 ft. At proposed prod. son Same as	8, Farmington, eport location clearly and /South and 1900 e	ft./East li	nes R	MIN ST	EGG	11. EC., T., R., M., OB	REA
Dame ao	AND DESCRION FROM NEAR					N. P.M.	1 13. STATE
	thwest of Lindr			S GEOLOGI	O.S.	Rio Arriba	New Mexic
15. DISTANCE FROM PROPO LOCATION TO MEAREST PROPERTY OR LEASE I (Also to nearest drig	r 483 ft.	. 483 ft.	6. NO. OF ACES	TN CHO DE	TO TE	F ACRES ASSIGNED HIS WELL	14 1 1 7 - 1
18. DISTANCE FROM PROP TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED,	1707 ft.	9. PROPOSED DES 8190 °	ТН		TY OR CABLE TOOLS	· · · · · · · · · · · · · · · · · · ·
21. ELEVATIONS (Show who	ether DF, RT, GR, etc.) D	RILLING OPERATIO UBJECT TO COMPE				July 1, 1	l.
23.	3	HOPOSED CASING	AND CEMENT	ING PROGRA		stion is subject to a	-1-
SIZE OF HOLE	SIZE OF CASING	WRIGHT PER FOOT	r SETTI	NG DEPTH	* sppesi	pursuant to 30 GFR QUANTITY OF CEME	25U.
12-1/4"	8-5/8"	24.0# K-5		300 '		cu. ft. (circ	
7-7/8"	4-1/2"	11.6# K-5	5	8190 '	2850	cu.ft.(circ	ulated)
circulating of 250 cu. ft. 6 Drill 7-7/8" the circulat with DV tool 65/35/6 follow. ft. 65/3 test the caswell up. Rus	drill 12-1/4" medium. Run ne Class "B" cemen hole to TD of ing medium. Lo at approx. 215 owed by 275 cu. 5/12 Poz circul ing. Perforate n new 2-3/8", 4 pumping unit a	w 8-5/8", 24 t circulated approx. 8190 g the well. 0 ft. Cemen ft. 50/50 Po ated to surf. and fracture .7#, J-55 tu	.0#, K-55 to surface ft. using Run new 4 t first st oz. Cemer ace. Dril e the Dako bing to th	casing to e. Pres g a perma 1-1/2", 1 gage with to second 1 out the ota and G	sure to loid no l.6#, Ha approximate DV to allup a zone.	Cement with a est the casing on-dispersed m (-55 casing to casing to with approx. col and pressuzones. Clean Run rod pump	approx. oud as o TD of 1100 ore the o and
NOTE: Actua	this well has cement volume proposed program: If i	s to be calcurrenced to be calcurrenced to be calcurrenced to deepen	ulated fro	om calipe	r log.	octive zone and propose	ed-new productive bs. Give blowout
BIGNED W. K.	Cooper	TITLE	Field Ope	rations	<u>Manager</u>	DATE May 2	6. 1983
(This space for Fede	ral or State office use)		APPROVAL.	ATB.	CE!	MED	
APPROVED BYCONDITIONS OF APPROV	AL, IP ANY:	TITLE	* 217782	· ·	·	AN THE	

BIRTHA

TAMES OF SOLUTION

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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

Form C-102 Revised 10-1-7

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

The second of th

Operator					Leo					Well No.
UNION TEXA	S F	PETROLEUM	CORPOR	RATION		MCCRODEN "A"				5
Unit Letter	Sect		Township	00011		Range	County	ARRIBA		•
J	3		25 N	ORTH		3 WEST	RIC	JARRIDA		
Actual Footage Loc	atton	of Well:	SOUTH			1900		EAST		
2157	fee	from the		line and		Icel	from the		~~~	Ine
Ground Level Elev. 7118		Producing For		i	Poo				l	ed Acreoger
		·	-DAKOTA		L	OJITO GALLUP-I				SE 40.00 Acres
1. Outline th	e ac	reage dedicat	ted to the	subject we	ell l	y colored pencil or	hachure	marks on th	re plat	below.
5 77 .1		, .	1 1 1			1 1.11				
Z. II more in interest an			Georgated	to me well	ι, ου	illine each and joer	itily the	ownership ti	nereor	both as to working
interest an	10 10	alty).						ाक्ष्य सम्बद्ध	766	a
3. If more tha	n on	e lease of di	fferent ow	nership is	dedi	cated to the well. h	ave the	interests of	aff on	ners been consoli-
		initization, u							į.	J
•				•	•	•		- 193	3	
Yes Yes		No If an	swer is ")	res," type o	f co	nsolidation			~ · · · ·	
			wners and	tract desc	ripti	ons which have act	tually be	cut dougs o Ogg	ated. (1	lse reverse side of
this form if										· · · · · · · · · · · · · · · · · · ·
										ation, unitization,
forced-pool	ing,	or otherwise)	or until a i	non-standar	un	it, eliminating such	interes	ts, has been	approv	ed by the Division
										
		1	1	·····		1 200	1		CERT	FICATION
		1		. 60	. * *	TEO V	İ			
	•	1				WE !	l	I hereby a	ertify th	at the information com-
		1		Service Terre	7.	1 13	\	toined her	rein is tr	ue and complete to the
1		1		AL		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		best of my	r knowje	dge and peliely
1		ł	1	1 1	N	(i) [curien	. 3	135	1/	11/11
		i		Ž.	670	OF SHE SOUTHER	- [Name		1 to back
		+	+	· \-		~c0\(\tau^			W	_
Ì		1	}	\	'n. g	ARM	I	Rudy D. Position	MOLL	0
		1		\	-	1	1	Area Op	erati	ons Manager
1		1		7.0	*	Į.		Сотралу		
1		1	İ			ļ		Union T	exas	Petroleum Corp.
1		,				1	1	Date		
				8		i	1	April 2	9, 19	83
———						<u> </u>		}		
	•	1	1			- 1		٠. ١		\
		1	1		•	1900'	- 1	perelli	shabl	*/ 1
ł		1	ŧ	•	-	· ''		shown on	W. F.	was played from field
		ì	•			1	1	Ton Jan	ALTICO LE	on, and shot the some
		1.					ł	353/0550/	5392	ornol in post of my
-		1	1			ł.	- 1	4 650	and tel	3/2/
		+				 		1 /2/		/ SM / / /
		ı		``		i			HARIC	
		i		<i>S</i> .		1	1	Date Surveye	rd.	
ł		! -	-	8		1	- 1	Apri	1 21	1983
1		•		, ,		i		Registered P		•
1		1 1)			1		and/or Land	Surveyo.	
}		l ,		}		1	l			
								Mich Certificate N		Daly
0 330 660 0	0 15	120 1000 1940	2310 2640	2000	,	300 10CD 300	المصرا	5992		

Page: 1 Document Name: untitled

ONGARD INQUIRE WELL COMPLETIONS

CMD :

03/29/04 10:09:47 OGOMES -TP9P

Eff Date : 08-01-1997

WC Status :

×

Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)

39 22783

API Well No :

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)

Lot Identifier: B.H. Locn 25N 03W FTG800 F S FTG 865 F 口 Ч

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

OG6ACRE CMD : API Well No 3 0 39 22783 C102-DEDICATE ACREAGE Eff Date : 04-30-1991 ONGARD 03/29/04 10:09:52 Page No : OGOMES -TP9P

Pool Idn 72319 BLANCO-MESAVERDE (PRORATED GAS) 21977 MCCRODEN A

Spacing Unit Prop Idn 32971 OCD Order : Simultaneous Dedication: Well No : 003

Sect/Twp/Rng Dedicated Land: 8 25N 03W Acreage 160.00 Revised C102? (Y/N)

ഗ Base U/L Sec РОЧН ထထ ∞ 25N 25N 25N 25N Twp Rng Acreage . 03M 03W 03W 03W 40.00 40.00 40.00 40.00 L/W **ZZZ**Z Ownership FD Ħ ED Lot Idn

3.9 3 8

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

Date: 3/29/2004 Time: 10:11:15 AM

PF06 CONFIRM PF12	PF06	NXTOGD	PF05	04 GoTo 10 NXTPOOL	1 PF04 PF10	scroll EXIT	keys to PF03 PF09	Enter PF F02 F08 FWD	0025	M 1 HELP 7 BKWD	PF01 PF07
1 1 1 1 1 1					0il)	(Gas,	od Total	Reporting Period	Repoi		
! !			1022	31	03	07		MCCRODEN A	22783 N	ω 9	30
ъ			1117	30	03	90		MCCRODEN A	22783 N	39	30
' ''			1194	31	03	05		MCCRODEN A	22783 1	39	30
لتا			1197	30	03	04		MCCRODEN A	22783 N	39	30
ᄖ			1338	31	03	03		MCCRODEN A	22783 N	39	30
لتا			1200	28	03	02		MCCRODEN A	22783 N	39	30
ਸ				31	03	01		MCCRODEN A	22783 I	39	30
Well Water Stat	Volumes Oil V		Production Gas	Days Prod	Prodn. MM/YY	MM Ad	Name	Property N	l No	Well	API
: 01 2004	•	L 2003 To	ES CORPORATION (PRORATED GAS) ciod - From : 01	ES CORF (PRORA riod -	OURC ERDE t Pe:	ENERGEN RESOURCES COBLANCO-MESAVERDE (PRO 22783 Report Period	8 de 6	ier : 1629 er : 7231 : 30	entif ntifi No	ID 1 I We	OGRID Pool : API W
Page No:	Paç										
03/29/04 10:10:02 OGOMES -TP9P	/29/04 OGC	03,	L/WELL	BY P00:	ARD TION	ONGARD PRODUCTION	ONGARD INQUIRE PRODUCTION BY POOL/WELL	ы		CMD : OG6IPRD	OG6

30 30 OG6IPRD CMD: API Well No API Well No Pool Identifier OGRID Identifier ပ ა 9 ω Θ 22783 MCCRODEN A 22783 22783 22783 22783 MCCRODEN MCCRODEN A MCCRODEN MCCRODEN Property Name 30 39 22783 Report Period - From : 01 2003 To : 01 2004 162928 ENERGEN RESOURCES CORPORATION 72319 BLANCO-MESAVERDE (PRORATED GAS) × × INQUIRE PRODUCTION BY POOL/WELL ONGARD 10 03 9 80 XX/MM11 03 Prodn. 03 03 Days 31 30 3 1 30 Prod 1700 1913 1493 2082 2360 Production Volumes 03/29/04 10:10:05 OGOMES -TP9P Page No: 2 Water Stat Well 띠 띡 푀 긔 긔

PF01 PF07

PF02

E0049: User may continue scrolling.

Reporting Period Total (Gas, Oil)

18327

HELP BKWD

PF08 FWD

PF09

PF03 EXIT

PF04 GoTo

PF05

PF10 NXTPOOL PF11 NXTOGD

PF12

PF06 CONFIRM

Page: 1 Document Name: untitled

INQUIRE WELL COMPLETIONS

ONGARD

OG6IWCM CMD :

03/29/04 10:07:10 OGOMES -TP9P

Pool Idn API Well No: 72319 BLANCO-MESAVERDE 39 22351 Eff Date : 03-31-1994 (PRORATED GAS)

WC Status :

Þ

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)

Lot Identifier: B.H. Locn ω 25N 03W FTG 1725 F N FTG 1640 F 口 'n

Dedicated Acre: 160.00

Lease Type

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

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

CMD : OG6ACRE Sect/Twp/Rng Spacing Unit Prop Idn Dedicated Land: Pool Idn API Well No 30 ល 72319 BLANCO-MESAVERDE (PRORATED GAS) 40224 OCD Order : 10031 SCHALK GULF 8 25N 03W Acreage 39 22351 Base U/L Sec HGBA C102-DEDICATE ACREAGE Eff Date : 03-31-1994 σ σ ∞ ∞ ONGARD Twp Rng Acreage 25N 25N 25N 25N 03W 03W 03W 03W 160.00 40.00 40.00 40.00 40.00 Revised C102? (Y/N) Simultaneous Dedication: L/W **z z z z** Ownership Lot Idn FD G.F. FD 03/29/04 10:07:18 Well No: 002 Page No : OGOMES -TP9P

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

Page No:	OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES .	CMD : 03/29/04 10:0	
Page No: 1	OGOMES -TP9P	29/04 10:07:32	

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

PF01		30	30	30	30	.3 0	30	30	API
M 1 HELP 7 BKWD		39	39 3	39	39	39:	39	39	well
M002 LP WD	Rep	22351	22351	22351	22351	22351	22351	22351	l No
M0025: Enter PF02 D PF08 FW	Reporting Period	SCHALK	SCHALK	SCHALK	SCHALK	SCHALK	SCHALK	SCHALK	Pro
nter ? FWD	ıg Pe								Property Name
P# k	riod	GULF	GULF	GULF	GULF	GULF	GULF	GULF	y Na
PF keys to PF03 : D PF09	Total								me
П									
scroll XIT	(Gas, Oil)	07	90	05		03	02	01	Prodn. MM/YY
PF04 PF10	0il)	03	03	03	03	03	03	03	! • !
	·• ! !	31	30	31	30	31	28	ω μ	Days Prod
GoTo NXTPOOL									
PF05		986	915	917	905	959	899	898	Prod
									Production
NXTOGD									. ^
PF06								1	Volumes))il
CONFIRM	1 1	4	ω	4	4	ω	N	4	
⇉		Ŧ	Ή	Ή	Д	Ή	Ή	'된	Well Stat

PF01 30 30 30 30 PF07 30 API 30 Pool Identifier OG6IPRD .. CMD .. API Well No OGRID Identifier Well No نن 9 ώ 9 39 39 Ω 9 BKWD HELP 22351 22351 22351 22351 22351 22351 E0049: User may continue scrolling. Reporting Period Total (Gas, Oil) SCHALK GULF SCHALK GULF SCHALK GULF SCHALK GULF SCHALK PF02 SCHALK PF08 FWD Property Name 30 39 22351 Report Period - From: 01 2003 To: 01 2004 72319 BLANCO-MESAVERDE (PRORATED GAS) GULF GULF 11996 JOHN E SCHALK INQUIRE PRODUCTION BY POOL/WELL PF09 PF03 EXIT ONGARD 11 12 09 AA/WW Prodn. 10.03 04 03 03 03 PF04 GoTo PF10 NXTPOOL PF11 Days 31 28 30 31 30 Prod 11928 Gas, 932 902 869 903 879 964 Production Volumes PF05 NXTOGD 03/29/04 10:07:35 **PF12** PF06 CONFIRM OGOMES -TP9P Page No: Water Stat 40 4 ω Well मो मो ᆈ ᆈ

Page: 1 Document Name: untitled

INQUIRE WELL COMPLETIONS

ONGARD

OG6IWCM

CMD :

03/29/04 10:08:28 OGOMES -TP9P

Þ

Pool Idn API Well No : 72319 BLANCO-MESAVERDE (PRORATED GAS) 39 21953 Eff Date : 06-01-1979 WC Status :

OGRID Idn 20389 SCHALK DEVELOPMENT CO

Prop Idn 10037 SCHALK 41

Well No 002

GL Elevation: 7112

U/L Sec Township Range North/South East/West Prop/Act(P/A)

B.H. Locn Lot Identifier: ω 25N 03W FTG 1190 F S FTG 790 F Z Ч

Dedicated Acre: 320.00

Lease Type

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

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

PF01 PF07 OG6ACRE CMD: Dedicated Land: Sect/Twp/Rng Spacing Unit Prop Idn Pool Idn API Well HELP BKWD E0005: Enter data No PF02 PF08 FWD 30 ល 72319 BLANCO-MESAVERDE (PRORATED GAS) 10037 SCHALK 41 ω 34877 OCD Order : 25N 03W Acreage 39 21953 Base to modify or U/L PF09 O U E F K I Z PF03 EXIT C102-DEDICATE ACREAGE Sec ∞ ∞ ∞ ∞ ∞ ∞ Eff Date ONGARD 25N 25N 25N 25N 25N 25N 25N 25N Twp Rng Acreage 03W PF keys to scroll 03W 03W 03W 03W 03W 03W PF10 LAND PF04 GoTo : 04-30-1991 320.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 Revised C102? (Y/N) Simultaneous Dedication: L/W PF11 PF05 **222 222** NXTSEC Ownership E D FD Ŧ HU 03/29/04 10:08:33 PF12 PF06 CONFIRM Well No : 002 Page No : OGOMES -TP9P Lot Idn RECONF

RM	CONFIRM	PF06 PF12	NXTOGD	PF05	 04 GoTo 10 NXTPOOL	exir PF04	keys to s PF03 EX PF09	: Enter PF PF02 PF08 FWD	M0025 HELP BKWD		PF01 PF07
	; ; ; ;	 	 			(Gas, Oil)	Total	Reporting Period	Repo		
펀	N			1594	31	07 03		SCHALK 41	21953	39	30
Ή	2		Д	1514	30	06 03		SCHALK 41	21953	39	30
Ή	4		N	1445	31	05 03		SCHALK 41	21953	39	30
Ή	ω		ω	1507	30	04 03		SCHALK 41	21953	39	30
Ή	ហ		11	1869	31	03 03		SCHALK 41	21953	39	30
щ	ω		ω	1370	28	02 03		SCHALK 41	21953	39	30
щ			O	1470	31	01 03		Ď	21953	39	30
Well Stat	ater .	lumes		Production Gas	Days Prod	Prodn. MM/YY	Name	Property Name	LUNO	I Well	API
	2004	To : 01	2003	TED GAS)	RDE (PRORA Period -	BLANCO-MESAVERDE (PRORATED 21953 Report Period - Fro	Ψ	fier : 72319 : 30 3	nt i No	W W	Poo API
	·	í			ENT CO	SCHALK DEVELOPMENT CO	Q	••	Identifier	\Box	90
:08:40 -TP9P o: 1	/04 10:0 OGOMES - Page No:	03/29/04 10:08:40 OGOMES -TP9P Page No: 1	03	POOL/WELL	ВҮ	ONGARD PRODUCTION	INQUIRE PH		Ð	CMD : OG6IPRD	CMD

Well No Property Name Prodn. Days MM/YY Prod 39 21953 SCHALK 41 08 03 31 39 21953 SCHALK 41 09 03 30 39 21953 SCHALK 41 10 03 28 39 21953 SCHALK 41 11 03 30 39 21953 SCHALK 41 12 03 31 39 21953 SCHALK 41 01 04 31	Identifier : 72319 BLANCO-MESAVERDE (PRell No : 30 39 21953 Report Periodell No Property Name Prodn. Day MM/YY Programme	79 PF05
No Property Name Prodn. MM/YY 1953 SCHALK 41 08 03 1953 SCHALK 41 10 03 1953 SCHALK 41 10 03 1953 SCHALK 41 11 03 1953 SCHALK 41 11 03 1953 SCHALK 41 11 03 1953 SCHALK 41 01 04	ntifier: 72319 BLANCO-MESAVERDE No: 30 39 21953 Report Pe: No Property Name Prodn. No Property Name MM/YY	18879
No Property Name Prodn. Days MM/YY Prod 1953 SCHALK 41 08 03 31 1953 SCHALK 41 09 03 30 1953 SCHALK 41 10 03 28 1953 SCHALK 41 11 03 30 1953 SCHALK 41 12 03 31	ntifier : 72319 BLANCO-MESAVERDE No : 30 39 21953 Report Pe: No Property Name Prodn. No Property Name MM/YY	.185
No Property Name Prodn. Days MM/YY Prod 1953 SCHALK 41 08 03 31 1953 SCHALK 41 09 03 30 1953 SCHALK 41 10 03 28 1953 SCHALK 41 11 03 30	ntifier: 72319 BLANCO-MESAVERDE No: 30 39 21953 Report Pe: No Property Name Prodn. No Property Name MM/YY	.223
No Property Name Prodn. Days MM/YY Prod 1953 SCHALK 41 08 03 31 1 1953 SCHALK 41 09 03 30 1 1953 SCHALK 41 10 03 28 1	Identifier : 72319 BLANCO-MESAVERDE Well No : 30 39 21953 Report Pe Well No Property Name Prodn. Well No Property Name MM/YY 1003 39 21953 SCHALK 41 08 03 39 21953 SCHALK 41 09 03 39 21953 SCHALK 41 09 03 39 21953 SCHALK 41 09 03	1421
Well No Property Name Prodn. Days MM/YY Prod 39 21953 SCHALK 41 08 03 31 1 39 21953 SCHALK 41 09 03 30 1	Identifier : 72319 BLANCO-MESAVERDE Well No : 30 39 21953 Report Pe Well No Property Name Prodn. MM/YY MM/YY 39 21953 SCHALK 41 08 03 39 21953 SCHALK 41 09 03	.443
Well No Property Name Prodn. Days MM/YY Prod 39 21953 SCHALK 41 08 03 31 1	Identifier: 72319 BLANCO-MESAVERDE Well No: 30 39 21953 Report Pe: Well No Property Name Prodn. MM/YY 39 21953 SCHALK 41 08 03	359
Well No Property Name Prodn. Days MM/YY Prod	Identifier: 72319 BLANCO-MESAVERDE Well No: 30 39 21953 Report Perent Perent Name Well No: Property Name MM/YY	479
Well No Property Name Prodn.	Identifier: 72319 BLANCO-MESAVERDE Well No: 30 39 21953 Report Perent Perent Note: 30 39 21953 Report Note: 30 39 21953 Report Note: 30 39 2195	Gas
	Identifier : 72319 BLANCO-MESAVERDE Well No : 30 39 21953 Report Pe	Production
OGRID Identifier : 20389 SCHALK DEVELOPMENT CO		POOL/WELL
RD INQUIRE PRODUCTION BY Identifier: 20389 SCHALK DEVELOPMENT	PRODUCTION BY	

Page: 1 Document Name: untitled

CMD :
OG6IWCM INQUIRE WELL COMPLET:

INQUIRE WELL COMPLETIONS

03/29/04 10:06:15

OGOMES -TP9P

API Well No : Pool Idn 72319 BLANCO-MESAVERDE (PRORATED GAS) 39 22127 Eff Date : 04-01-1980 WC Status : A

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)

ω 25N 03W FTG 1850 F N FTG 1190 F W 'n

Lot Identifier:

B.H. Locn

Dedicated Acre: 320.00 Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O):

M0025: Enter PF keys to scroll

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

PF01 HE	ACR op op aci ct/	CMD :
E0005 HELP BKWD	11 l dn dn g Uj wp/1 ted	
ЬА БА	nd:	
Enter o 02 08 FWD	30 39 72319 10037 34877 8 25N S Ba	
data		
to m PF03 PF09	C102- 22127 E 3LANCO-MES SCHALK 41 OCD Order 03W Acrea 03W Acrea C 8 D 8 E 8 F 8 K 8 I 8 N 8	
modify 3 EXIT	C102-DE C102-D	
T or	C102-DEDICATE 22127	ONGARD
PF k PF04 PF10	TE A (PR 03W 03W 03W 03W 03W 03W	3
eys GoT LAN	CREA 04-3 ORAT 0.00 0.00 1 40 40 40	
0	0 0 0 0 0 0 1 0 1 Q 9	
scroll PF05 PF11	GAS) Simulta Revised L/W O L/W O N N N N N N N N N N N N N N N N N N N	
NXTSE	- W - C @	
Ω	ous D 102? FD FD FD FD	03/
PF06 CONFIRM PF12 RECONF	OGOMES - Page No : Well No : S Dedication: 2? (Y/N) : ship Lot Idn	29/0
CONFIR	OGOMES age No lication //N) Lot I	4 10
FIRM	OGOMES -TP9P Page No : 1 Well No : 002A Dedication: (Y/N) : Dedication:	03/29/04 10:06:23
	2) A	ŭ

30 30 30 API Well No Pool Identifier OG6IPRD CMD: API Well No OGRID Identifier : 39 22127 SCHALK 41 39 39 22127 22127 22127 SCHALK 41 SCHALK 41 SCHALK 41 Property Name 72319 BLANCO-MESAVERDE (PRORATED GAS) 30 39 22127 Report Period - From : 01 2002 To : 01 2004 20389 SCHALK DEVELOPMENT CO INQUIRE PRODUCTION BY POOL/WELL ONGARD 11 03 12 03 10 AA/WW 01 04 Prodn. Days 31 Prod 31 30 Gas 559 580 594 537 Production Volumes 03/29/04 10:06:40 Page No: 4 OGOMES -TP9P Water Stat Well 되 되 궈 뵈

PF07 BKWD	PF01 HELP	王00	Re
PF08 FWD	PF02)49: User may	porting Peric
PF09	PF03 EXIT	E0049: User may continue scrolling.	Reporting Period Total (Gas, Oil) :
PF10 NXT	PF04 GoTo		
PF10 NXTPOOL PF11 NXTOGD	o PF05		14326
	_		
PF12	PF06 CONFIRM		3 4

ONGARD

OG6IWCM CMD :

03/29/04 10:08:59

×

INQUIRE WELL COMPLETIONS OGOMES -TP9P

API Well No: 39 26441 Eff Date : 08-14-2000 WC Status :

Pool Idn 72319 BLANCO-MESAVERDE (PRORATED GAS)

20389 SCHALK DEVELOPMENT CO

Prop Idn 10037 SCHALK 41

OGRID Idn

Well No 002B

GL Elevation: 7101

U/L Sec Township Range North/South East/West Prop/Act(P/A)

B.H. Locn ω 25N 03W FTG 660 F S FTG 1975 F W Ч

Lot Identifier:

Dedicated Acre: 320.00

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O): Lease Type

M0025: Enter PF keys to scroll

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

PF07 PF01 OG6ACRE CMD : Dedicated Land: Sect/Twp/Rng Spacing Unit Pool Idn Prop Idn API Well BKWD HELP E0005: Enter data No PF02 PF08 FWD 30 72319 BLANCO-MESAVERDE (PRORATED GAS) ល 10037 SCHALK 41 8 25N 03W Acreage 34877 OCD Order : 39 26441 Base to modify or PF keys to U/L Sec PF09 PF03 EXIT N N I I K I I I C102-DEDICATE ACREAGE ထထ ∞ ∞ Eff Date : 04-30-1991 ONGARD 25N 25N 25N 25N 25N 25N 25N 25N Twp Rng Acreage 03W 03W 03W 03W 03W 03W PF04 GoTo PF10 LAND 320.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 scroll Revised C102? (Y/N) Simultaneous Dedication: PF11 PF05 L/W **ZZZZZZZ** NXTSEC Ownership ŦD FD F ŦD Ħ FD 03/29/04 10:09:24 PF06 PF12 Page No : Well No : 002B OGOMES -TP9P Lot Idn CONFIRM RECONF

CMD : OG6IPRD OGRID Identifier : 20389 SCHALK DEVELOPMENT CO INQUIRE PRODUCTION BY POOL/WELL ONGARD 03/29/04 10:09:34 Page No: 1 OGOMES -TP9P

Pool Identifier API Well No

: 30 39 26441 Report Period - From : 01 2003 To : 01 2004

72319 BLANCO-MESAVERDE (PRORATED GAS)

PF01 PF07		30	30	30	30	30	30	30	API
M 1 HELP 7 BKWD		39	39	39	39	39	39	39	 Well
MO02	Rep	26441	26441	26441	26441	26441	26441	26441	1 No
M0025: Enter PF PF02 D PF08 FWD	Reporting Period Total	SCHALK 41	SCHALK 41	SCHALK 41	SCHALK 41	SCHALK 41	SCHALK 41	SCHALK 41	Property Name
keys to scr PF03 EXIT PF09								•	ame
scroll XIT	(Gas, Oil)	07 0	06 0	05 0	04 0	03 (02 0	01 0	Prodn.
PF04 PF10)il)	03	03	03	03	03	03	03	
ጟ፞፞፞፞፞	·· ! ! ! !	31	30	31	30	31	28	31	Days Prod
)OL 1		2756	2683	2426	2636	3018	2361	2867	
PF05 PF11	1 1 1 1 1 1	9	83	9	9	18	51	67	Produ Gas
		10	9	15	12	17	0	22	Production Vo
PF06 PF12		V	v	O1	10	7	01		lumes
CONFIRM		o.	o.	4	4.	ω	4	4.	water
'IRM	·	т ј	'되	<u>بتا</u>	ᄺ	μJ	д	.д 	Well Stat

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

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	l No	Property Name	1 1 1 1 1	Prodn.	Days Prod	Produc Gas	Production Vo	 lu	olumes N	mes Well Water Stat
	3	26441	SCHALK 41	08	03	3 1	2567	 	9	9	9
0	39	26441	SCHALK 41	09	03	30	2527		15		
30	39	26441	SCHALK 41	10	03	28	2606		9	9	9
30	39	26441	SCHALK 41	11	03	30	2421		12	12	12 5
30	39	26441	SCHALK 41	12	03	31	2456	O1			
30	3 9	26441	SCHALK 41	01	04	31	2571	Н	1 9		
		Repo	orting Perio	Reporting Period Total (Gas, Oil)	0il)	••	33895	. Q . 	5 153		153
		王0049	: User may	E0049: User may continue scrolling.	lling	•					
PF01	1 HELP	ďΑ̈́	PF02	PF03 EXIT	PF04	4 GoTo	ъ	PF05	F05	PF06	
PF07	7 BKWD	Ν̈́	PF08 FWD	PF09	PF10	.0 NXTPOOL	Ţ.	PF11	F11 NXTOGD	F11 NXTOGD PF12	NXTOGD