

January 20, 1998

Chevron U.S.A., Inc. P. O. Box 1150 Midland, Texas 79702 Attention: John H. Saenz

Administrative Order NSL-3935(SD)

Dear Mr. Saenz:

Reference is made to the following: (i) Chevron U.S.A., Inc.'s ("Chevron") original application to the Division, dated December 23, 1997; (ii) the Division's initial response to said application by letter from Mr. Michael E. Stogner dated January 8, 1998; (iii) Mr. John H. Saenz's response dated January 19, 1998; and, (vi) the records of the Division in Santa Fe: all concerning Chevron's request for an unorthodox Eumont Gas well location in an existing non-standard 320-acre gas spacing and proration unit ("GPU") for the Eumont Gas Pool comprising the S/2 of Section 24, Township 21 South, Range 36 East, NMPM, Lea County, New Mexico. Said GPU was initially established by Division Administrative Order NSP-152, dated June 15, 1955, and was later reinstated by the Division on August 16, 1996.

Eumont gas production from said GPU is currently simultaneously dedicated to the:

- (1) H. T. Mattern (NCT-A) Well No. 1 (API No. 30-025-12738), located 330 feet from the South line and 2310 feet from the East line (Unit O) of said Section 24, which was "grand-fathered" in as a standard Eumont gas well location for the subject 320-acre GPU pursuant to Rule 2(b) of the "General Rules for the Prorated Gas Pools of New Mexico/Special Rules and Regulations for the Eumont Gas Pool," as promulgated by Division Order No. R-8170, dated March 28, 1986; and,
- (2) H. T. Mattern (NCT-A) Well No. 2 (API No, 30-025-04769), located at a standard gas well location 1650 feet from the South and East lines (Unit J) of said Section 24;
- (3) H. T. Mattern (NCT-A) Well No. 5 (API No. 30-025-31013), located at a standard Eumont gas well location 660 feet from the South line and 990 feet from the West line (Unit M) of said Section 24.

Administrative Order NSL-3935(SD) Chevron U.S.A., Inc. January 20, 1988 Page 2

By the authority granted me under the provisions of **Rule 2(d)** of the "General Rules for the Prorated Gas Pools of New Mexico/Special Rules and Regulations for the Eumont Gas Pool," as promulgated by Division Order No. R-8170, as amended, the following described well to be drilled at an unorthodox Eumont gas well location is hereby approved:

H. T. Mattern (NCT-A) Well No. 6 1980'FSL - 660'FWL (Unit L) of said Section 24.

Also, you are hereby authorized to simultaneously dedicate Eumont Gas Pool production from the H. T. Mattern (NCT-A) Well Nos. 1, 2, and 5 with the H. T. Mattern (NCT-A) Well Nos. 6. Furthermore, you are hereby permitted to produce the allowable assigned the subject GPU from all four wells in any proportion.

Sincerely,

Kathleen A. Garland Acting Director

KAG/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs

File: NSP-152

NSP-152-A(SD)

NSL 1/20/98

Chevron U.S.A. Production Company



P.O. Box 1150

DEIDERVATION DIVISION

Midland, TX 79702

December 23, 1997

Administrative Application For Non-Standard Gas Well Location And Simultaneous Dedication Eumont Yates 7Rvrs Qn (Pro Gas) Pool H. T. Mattern (NCT-A) #6 1980' FSL and 660' FWL Section 24, T-21-S, R-36-E Lea County, New Mexico

State of New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division 2040 South Pacheco

Attn.: Mr. William J. LeMay -- Director

Santa Fe, New Mexico 87504

Gentlemen:

Chevron U.S.A. Inc. respectfully requests your approval of this administrative application for a Non-Standard Gas Well Location and Simultaneous Dedication in the Eumont Yates 7 Rvrs Qn (Pro Gas) Pool.

Chevron will drill the **H. T. Mattern (NCT-A)** #6 in the Eumont Yates 7 Rvrs Qn (Pro Gas) Pool at the beginning of 1998. We are requesting NMOCD approval for a Non-Standard Gas well location. It is also our desire to simultaneously dedicate the 320-acre Eumont Gas Proration Unit currently assigned to our H. T. Mattern (NCT-A) #1, #2, and #5 to all four wells. The 320-acre gas proration unit comprises the S/2 of Section 24, T-21-S, R-36-E, Lea County, New Mexico. As the H. T. Mattern (NCT-A) #1, #2, and #5 are producing at a combined current rate of 400 MCF/D, the completion of Well #6 will essentially capture reserves which otherwise would not be produced from this GPU.

Chevron respectfully requests your approval of this administrative application for simultaneous dedication. Attached is a history of the subject GPU, a vicinity map, and a Form C-102 plat. A copy of this letter and attachments are being furnished by Certified Mail to offset operators as their notice of this application.

If you have any questions or require any further information concerning this application, please contact me at (915) 687-7347.

Yours very truly,

J. H. Saenz

Petroleum Engineer

Attachments

cc: NMOCD - Hobbs, NM

J. K. Ripley

N. V. Mouser

D. K. Beckham J. B. Wilkinson

Central Files - Lease/Well Files



DISTRICT I P.O. Box 1980, Hobbs, NM 88241-1980

### State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesis, NM 88211-0719

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

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 67504-2088

### OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Nam	e
Property Code		Well Number	
OGRID No.	Op CHEVRON U.S.A. P	Elevation 3529	

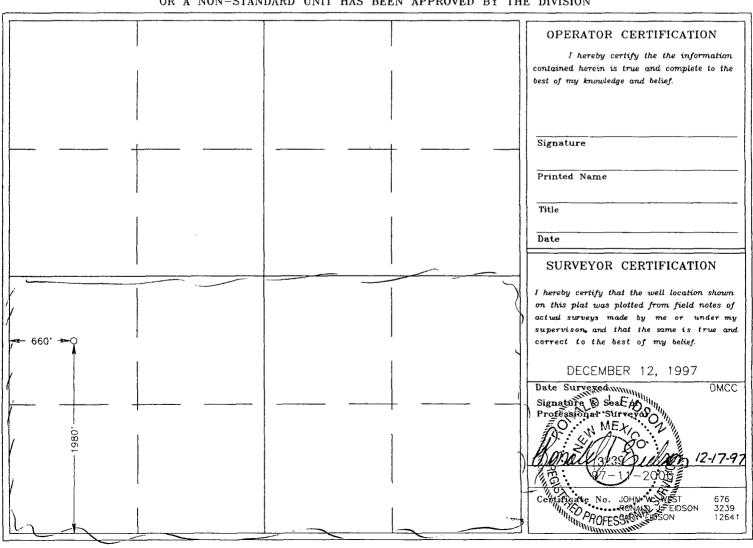
#### Surface Location

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
L	24	21 S	36 E		1980	SOUTH	660	WEST	LEA

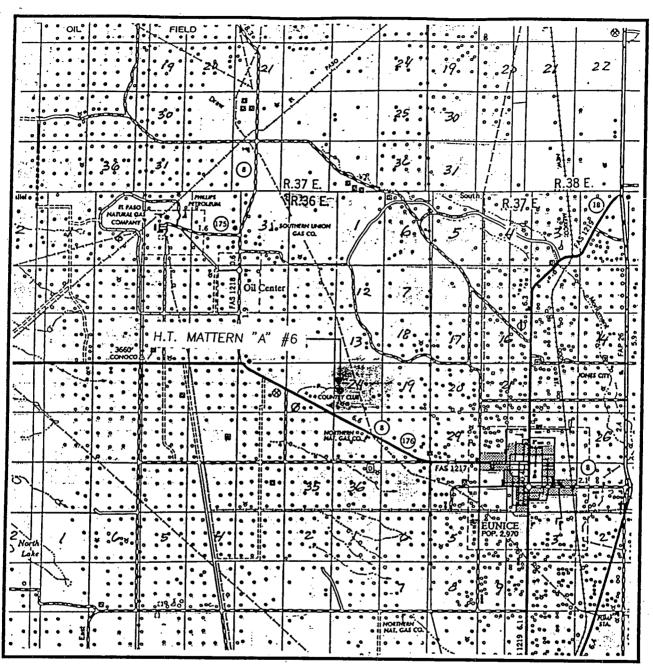
#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	Joint o	r Infill Co	nsolidation (	Code Ore	der No.				

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



# VICINITY MAP

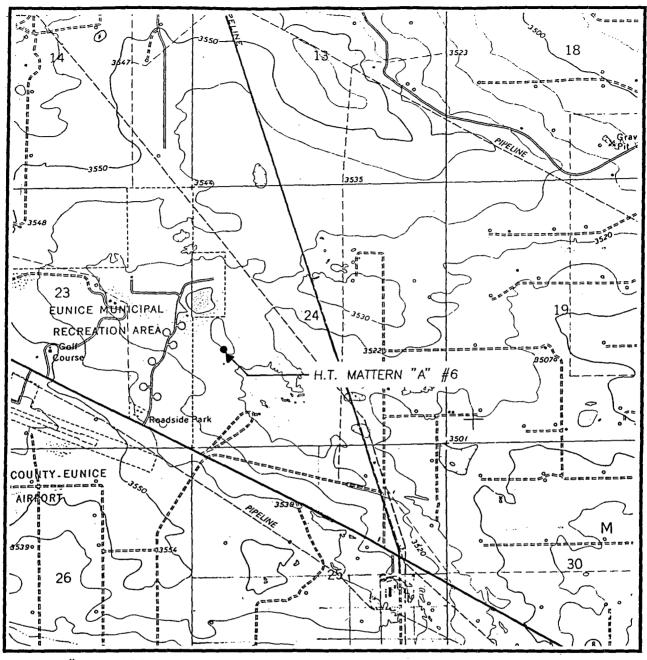


SCALE: 1" = 2 MILES

SEC. 24 TV	WP. <u>21-S</u> RGE. <u>36-E</u>
SURVEY	N.M.P.M.
COUNTY	LEA
	1980' FSL & 660' FWL
	3529
	CHEVRON U.S.A. RODUCTION COMPANY
	H.T. MATTERN "A"

JOHN WEST ENGINEERING HOBBS, NEW MEXICO (505) 393-3117

## LOCATION VERIFICATION MAP



SCALE: 1'' = 2000'

4-1

CONTOUR INTERVAL: EUNICE - 10'

SEC. 24 TWP. 21-	<u>-S_RGE36-E</u>
SURVEYN.	М.Р.М.
COUNTY	LEA
DESCRIPTION 1980'	FSL & 660' FWL
ELEVATION	3529
CHEV OPERATOR <u>PRODUC</u>	'RON U.S.A. TION COMPANY
LEASE H.T. I	MATTERN "A"
U.S.G.S. TOPOGRAPH	HC MAP
EUNICE, N.M.	

JOHN WEST ENGINEERING HOBBS, NEW MEXICO (505) 393-3117

# History H. T. Mattern (NCT-A) Eumont Gas Proration Unit Section 24, T21S, R36E,Lea County, New Mexico

January 6, 1954 - Order R-371-A approved the unorthodox location of the H. T. Mattern (NCT-A) # 1.

June 15, 1955 - Order NSP-152 approved a 320-acre Non-Standard Gas Proration unit and dedicated the H. T. Mattern (NCT-A) # 1 to the GPU.

May 31, 1991 - Order NSP-152-A(SD) deleted the SW/4 SW/4 of section 24 from the GPU making it a 280-acre GPU for H. T. Mattern (NCT-A) # 5 Eumont Oil well, and dedicated the H. T. Mattern (NCT-A) # 2 to the GPU.

August 16, 1996 - Reinstatement of Order NSP-152(SD) creating a 320-acre GPU, and approval to simultaneously dedicated the H. T. Mattern (NCT-A) # 5 (reclassified from Eumont oil to Eumont gas) to the GPU.

### **Well Information**

Well	unit	API#	Status
H. T. Mattern (NCT-A) # 1	0	30-025-12738	Producing
H. T. Mattern (NCT-A) # 2	J	30-025-04769	Producing
H. T. Mattern (NCT-A) # 5	М	30-025-31013	Producing
H. T. Mattern (NCT-A) #6	L		New Drill

#### STATE OF NEW MEXICO



### ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

#### OIL CONSERVATION DIVISION

2040 S. PACHECO SANTA FE, NEW MEXICO 87505 (505) 827-7131

August 16, 1996

Chevron U.S.A., Inc. P. O. Box 1150 Midland, Texas 79702 Attention: A. W. Bohling

Reinstatement of Division
Administrative Order NSP-152(SD)

Dear Mr. Bohling:

Reference is made to your application dated July 1, 1996 to reinstate a previously approved non-standard 320-acre gas spacing and proration unit ("GPU") in the Eumont Gas Pool comprising the S/2 of Section 24, Township 21 South, Range 36 East, NMPM, Lea County, New Mexico.

By Division Administrative Order NSP-152, dated June 15, 1955, said 320-acre GPU, comprising the S/2 of said Section 24, was initially established and had dedicated thereon the H. T. Mattern (NCT-A) Well No. 1 (API No. 30-025-12738), located 330 feet from the South line and 2310 feet from the East line (Unit O) of said Section 24, which was "grandfathered" in as a standard Eumont gas well location for the subject 320-acre GPU pursuant to Rule 2(b) of the "General Rules for the Prorated Gas Pools of New Mexico/Special Rules and Regulations for the Eumont Gas Pool", as promulgated by Division Order No. R-8170, dated March 28, 1986.

By Division Administrative Order NSP-152-A(SD), dated May 31, 1991, the aforementioned 320-acre GPU was reduced to a 280-acre non-standard gas spacing and proration unit, comprising the N/2 SW/4, SE/4 SW/4, and SE/4 of said Section 24. Said 280-acre GPU is currently simultaneously dedicated [as referenced in said Order NSP-152-A(SD)] to both the aforementioned H. T. Mattern (NCT-A) Well No. 1 and to the H. T. Mattern (NCT-A) Well No. 2 (API No. 30-025-04769), located at a standard gas well location 1650 feet from the South and East lines (Unit J) of said Section 24. Said 280-acre GPU was created by deleting therefrom the 40 acres comprising the SW/4 SW/4 (Unit M) of said Section 24 in order to establish a standard 40-acre Eumont oil spacing and proration unit for the H. T. Mattern (NCT-A) Well No. 5 (API No. 30-025-31013), located at a standard Eumont oil well location 660 feet from the South line and 990 feet from the West line (Unit M) of said Section 24 [also referenced in said Order NSP-152-A(SD)].

It is our understanding at this time that Eumont production from the H. T. Mattern (NCT-A) Well No. 5 has recently been reclassified from "oil" to "gas".

AUG 3 0 1998

Reinstatement of Division Administrative Order NSP-152(SD) Chevron USA, Inc. August 16, 1996 Page 2

By the authority granted me under the provisions of Rule 2(d) of said special Eumont Pool rules, the above-described 320-acre non-standard gas spacing and proration unit should be restored and that said Division Administrative Order NSP-152 shall be reinstated to its initial extent and is to remain in full force and affect until further notice. Also, Chevron U.S.A., Inc. is hereby permitted to produce the allowable assigned the subject GPU, in accordance with Rule 5 of said pool rules based upon a unit size of 320 acres, from the H. T. Mattern (NCT-A) Well Nos. 1, 2, and 5 in any proportion.

Further, said Division Administrative Order No. NSP-152-A(SD) is hereby placed in abeyance until further notice.

Jurisdiction of this matter shall be further retained for the entry of any such subsequent orders as the Division may deem necessary.

Sincerely,

WILLIAM J/LEMAY

Director

WJL/MES/kv

cc:

Oil Conservation Division - Hobbs

New Mexico State Land Office - Santa Fe

File: NSP-152

File: NSP-152-A(SD)

STATE OF NEW MEXICO

# ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

MENT (6-5-9)

OIL CONSERVATION DIVISION





POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

May 31, 1991

Chevron USA, Inc. P.O. Box 1150 Midland, TX 79702

Attention: A. W. Bohling

Administrative Order NSP-152-A(SD)

Dear Mr. Bohling:

Reference is made to your application dated May 1, 1991 to reduce an existing 320-acre non-standard gas spacing and proration unit in the Eumont Gas Pool by 40 acres thereby forming a 280-acre non-standard gas spacing and proration unit. Said 320-acre unit was authorized by Division Administrative Order NSP-152, dated June 15, 1955 and had dedicated thereon the Chevron H. T. Mattern (NCT-A) Well No. 1 located 330 feet from the South line and 2310 feet from the East line (Unit O) of Section 24, Township 21 South, Range 36 East, NMPM, Lea County, New Mexico, which is considered a standard gas well location pursuant to Rule 2(b) of the Special Rules and Regulations for the Eumont Gas Pool, as promulgated by Division Order No. R-8170, as amended.

It is our understanding that in December, 1990 Chevron completed their H. T. Mattern (NCT-A) Well No. 5 located 660 feet from the South line and 990 feet from the West line (Unit M) of said Section 24 as an oil well in said Eumont Pool and it is the 40 acres comprising the SW/4 SW/4 of said Section 24 that is to be deleted from the existing 320-acre gas proration unit and will therefore be dedicated to the No. 5 well forming a standard 40-acre oil spacing and proration unit for said pool. Further, it is our understanding that the existing H. T. Mattern (NCT-A) Well No. 2 located 1650 feet from the South and East lines (Unit J) of said Section 24, which is presently classified as a temporarily abandoned well will be recompleted in the Eumont Gas Pool upon issuance of this order.

By authority granted me under the provisions of Rule 2(a)4 of said Special Eumont Gas Pool rules, a 280-acre non-standard gas spacing and proration unit in siad pool comprising the N/2 SW/4, SE/4 SW/4, and SE/4 of said Section 24 is hereby approved.

JUN 0 6 1991 MIDLAND Administrative Order NSP-152-A(SD) Chevron USA, Inc. May 31, 1991 Page 2

Furthermore, you are hereby permitted to produce the allowable assigned the subject GPU from both of said wells in any proportion.

NOTE: Said Division Order No. NSP-152 is hereby placed in abeyance until further notice.

Sincerely,

William J. LeMay

Director

WJL/MES/ag

cc: Oil Conservation Division - Hobbs

File: NSP-152

NM State Land Office - Santa Fe

GOVERNOR JOHN F. SIMMS CHAIRMAN.

### New Mexico

LAND COMMISSIONER E. S. WALKER



June 15, 1955

OIL CONSERVATION COMMISSIONS TATE GEOLOGIST W. B. MACE! RECEIVED HOBBB, NEW MEX. JUN 23 1955 PRODUCTION 01 Gas Utilization Section Fort Worth

Gulf Oil Corporation P. O. Drawer 1290 Fort Worth 1, Texas

Attention: Mr. B. E. Thompson

Administrative Order NSP-152

### Gentlemen:

Reference is made to your application for approval of a 320-acre nonstandard gas proration unit in the Arrow Gas Pool consisting of the following acreage:

> Township 21 South, Range 36 East, NMPM 5/2 of Section 24

It is understood that this unit is to be ascribed to your H. T. Mattern "A" Well No. 1, located 330 feet from the South line and 2310 feet from the East line of Section 24, SW/4, SE/4, Township 21 South, Range 36 East, NMPM, Lea County, New Mexico.

By authority, granted me under provisions of Rule 5, Section (b)-6 of the Special Rules and Regulations for the Arrow Gas Pool, as set forth in Order R-520, you are hereby authorized to operate the above described acreage as a non-standard gas proration unit, with allowable to be assigned: thereto in accordance with pool rules, based upon the unit size of 320 acres.

Very truly yours.

W. B. MACEY.

Secretary-Director

### New Mexico

### OIL CONSERVATION COMMISSION

GOVERNOR EDWIN L. MECHEM CHAIRMAN

LAND COMMISSIONER E.S.WALKER

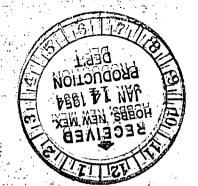
STATE GEOLOGIST R.R.SPURRIER

P. O. BOX 871 SANTA FE, NEW MEXICO

January 6, 1954

Taylor
Baysinger
Baysinger
Complete

Price File



Gulf Oil Corporation P. O. Box 2167 Hobbs, New Mexico

Gentlemen:

Subject: Unorthodox Location - Gulf Oil

Corporation's H. T. Mattern
"A" #1 2310' from E/L and
330' from S/L, Section 24,
Township 21 South, Range 36
East, Arrow Gas Pool.

Reference is made to your letter of December 28, 1953 pertaining to the approval of an unorthodox location for the above captioned well.

Pursuant to authority granted me by the provisions of Order No. R-371-A, Rule 4, permission is hereby granted to produce this well in compliance with pool rules.

Very truly yours,

R. R. SPURRIER

Secretary and Director

RRS:vc

cc: Well File

Unorthodox File

Oil Conservation Commission, Hobbs

### **OFFSET OPERATORS**

Conoco Inc. 10 Desta Drive West, Ste. 100W Midland, Texas 79705

> Exxon P. O. Box 4697 Houston, Texas 77210

Parker & Parsley Development L P Box 690 Kermit, Texas 79511

> Texaco E&P Inc. 205 E. Bender Hobbs, New Mexico 88240

Zachery Oil Operating Company 307 W. 7<sup>th</sup> St., Ste. 1212 Ft. Worth, Texas 76102-5178 January 19, 1998



Chevron U.S.A. Production Company P.O. Box 1150 Midland, TX 79702

State of New Mexico
Energy, Minerals & Natural Resources Dept.
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87504

Attn.: Mr. Michael E. Stogner - Chief Hearing Officer / Engineer

Re:

Letter dated on January 8, 1998 about:

Administrative Application For Non-Standard Gas Well Location And Simultaneous Dedication

Eumont Yates 7Rvrs Qn (Pro Gas) Pool

H. T. Mattern (NCT-A) #6 1980' FSL and 660' FWL Section 24, T-21-S, R-36-E Lea County, New Mexico



Dear Mr. Stogner:

In response to your questions in your letter dated on January 8, 1998, the closest standard location is 1980' FSL & 990' FWL. To prevent waste and to protect correlative rights the location for the H. T. Mattern (NCT-A) # 6 was chosen to be drilled at a "standard 40-acre oil well location" at 1980' FSL & 660' FWL of section 24, Township 21 South, Range 36 East, Lea County , New Mexico. The proposed new drill has a primary target of Eumont oil hence the "standard location" for an oil well to prevent waste by maximizing oil recovery through this location. However, due to the recent reclassification from oil to gas of the nearest southern offset well (See Reinstatement of Order NSP-152(SD) dated August 16, 1996), we are proposing a simultaneous dedication to the current Eumont GPU which makes the proposed location unorthodox. We feel that due to the high cumulative gas production from wells offsetting the proposed location to the east, the eastern flank position on the platform, and the current lower reservoir pressure and rates occurring in this immediate area, that our proposed location is necessary to capture undrained reserves and to better allow for possible future Eumont oil development to the east. The 40-acre infill development pattern and anticipated production being considerably less than current allowables, is protecting the correlative rights of all affected parties.

Therefore, your approval of the subject administrative NSL application dated December 23, 1997 is respectively requested.

Attached is the Form C-102. On the attached C-102, red is for the nearest "standard location", and yellow is for the proration unit boundary.

If you have any questions or require any further information concerning this application, please contact me at (915) 687-7347.

Yours very truly

Petroleum Engineer

Attachments

ப் H. Saenz

cc: NMOCD - Hobbs, NM



# TRUCT I 80x Hobbe, NM 88241-1980

### State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

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

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

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87504-2088

### OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 76480	Eumont: Yts - The - Qn	(No Gas)
Property Code 2681		perty Name TTERN "A"	Well Number
ogrid No. 4323	•	RODUCTION COMPANY	Elevation 3529

#### Surface Location

į	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	L	24	21 S	36 E		1980	SOUTH	660	WEST.	LEA

### 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
Dedicated Acres	Joint o	r Infill Co	l nsolidation (	Code Ore	der No.		<u> </u>	1	

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

UR A NON-SIAN	DARD UNIT HAS BEEN APPROVED BY	THE DIVISION
		OPERATOR CERTIFICATION  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
		Signature
		Printed Name  Printed Name  Froduction Eng  Title  1-15-98
		SURVEYOR CERTIFICATION
990'	0 2	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.
		DECEMBER 12, 1997  Date Survexed DMCC  Signature & Soat Annual Professional Surveyar DMCC
050		MEX 20 12-17-97
	0,	Certain are No. JOHN VENEST 676  RONALD FEIDSON 3239  PROFESSABILITIES NO. 12641

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

January 8, 1998

Chevron U.S.A. Inc. Attention: J. H. Saenz P. O. Box 1150 Midland, Texas 79702

RE: Administrative application dated December 23, 1997 to drill the proposed H. T. Mattern (NCT-A) Well No. 6 at an unorthodox Eumont gas well location within the existing 320-acre gas spacing and proration unit ("GPU") comprising the S/2 of Section 24, Township 21 South, Range 36 East, NMPM, Eumont Gas Pool, Lea County, New Mexico.

Dear Mr. Saenz:

On the attached land plat, please indicate the closest location to your proposed drill site that is considered to be "standard" for the subject GPU. Further, please explain why the proposed H. T. Mattern (NCT-A) Well No. 6 can not be drilled at a "standard location" within the subject GPU. Provide supporting data.

Thank you.

Sincerely,

Michael E. Stogner

Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Hobbs William F. Carr - Santa Fe