



**Chevron**

*Received 1-17-95*

January 10, 1995  
Midland, Texas

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

Michael E. Stogner  
Acting Director  
Oil Conservation Division  
Energy, Minerals and Natural Resources Department  
Santa Fe, New Mexico 87505

Application for Administrative Approval  
of an Unorthodox Oil Well Location  
for the Lentini Federal "1"  
Well #15: 1000' FNL 1125' FWL  
(Unit D) of Section 1, T-23-S, R-28-E, NMPM,  
East Herradura Bend-Delaware Pool,  
Eddy County, New Mexico

Dear Mr. Stogner:

In response to your letter dated January 5th (attached) asking for more detail regarding the non-standard location of the above well, we chose the location of this well to optimize sweep efficiency for possible future secondary recovery operations. We envision a potential 5-spot waterflood pattern centered on the Lentini Federal 1-15 with the Lentini Federal 1-1, 1-2, 1-3, and 1-5 as offset producers. The unorthodox 1-15 well is located equidistant from each of these offset wells. Because secondary recovery operations in the Brushy Canyon Formation of the Delaware Mountain Group are unproved, we proposed this well in an unorthodox location to promote maximum sweep efficiency and provide a higher probability of economic success for a potential waterflood pilot. Since the Lentini Federal 1-15 encroaches only on Chevron operated wells within the Lentini Federal lease, we foresee no potential correlative rights violations.

We appreciate your review of this application and if you have any additional questions please call me at (915) 687-7114.

Sincerely,

*Dave Rittersbacher*

Dave Rittersbacher  
Sr. Petroleum Geologist

/tmdr  
14864.DOC

State of New Mexico  
**ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT**  
Santa Fe, New Mexico 87505



**OIL CONSERVATION DIVISION**



January 5, 1995

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

Attention: David Rittersbacher

*Re: Application for Administrative Approval of an Unorthodox Oil Well Location for the Lentini Federal "1" Well No. 15: 1000'FNL - 1125'FWL (Unit D) of Section 1, Township 23 South, Range 28 East, NMPM, East Herradura Bend-Delaware Pool, Eddy County, New Mexico.*

Dear Mr. Rittersbacher:

In order to complete our review of this application and to release an administrative approval in this matter, please elaborate in a little more detail as to why this well could not be drilled at a standard oil well location within the existing 39.51-acre oil spacing and proration unit comprising Lot 4 (the NW/4 NW/4 equivalent) of said Section 1.

Thank you for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael E. Stogner".

Michael E. Stogner  
Acting Director

cc: Oil Conservation Division - Artesia  
U. S. Bureau of Land Management - Carlsbad

**VILLAGRA BUILDING - 408 Galisteo**

Forestry and Resources Conservation Division  
P.O. Box 1948 87504-1948  
827-5830

Park and Recreation Division  
P.O. Box 1147 87504-1147  
827-7465

**2040 South Pacheco**

Office of the Secretary  
827-5950

Administrative Services  
827-5925

Energy Conservation & Management  
827-5900

Mining and Minerals  
827-5970

Oil Conservation  
827-7131

October 5, 1994  
Midland, Texas

*see Staff/Cher*

OIL CONSERVATION DIVISION  
RECEIVED



**Chevron**

Administrative Application for Simultaneous  
Dedication and Unorthodox Well Location  
East Herradura Bend Delaware Oil Pool

~~4:10 PM~~ AM 8 52

Lentini Federal 1-15

1000' FNL and 1125' FWL  
Section 1, T-23-S, R-28-E  
Eddy County, New Mexico

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

*Official  
Verbal  
1-5-95  
D.M.S.*

Attn: Mr. William J. LeMay - Director

Dear Mr. LeMay:

Chevron U.S.A. proposes to drill the Lentini Federal 1-15 at a non-standard location in the East Herradura Bend (Delaware) Oil Pool. The location of the proposed well is 1000' FNL and 1125' FWL in Section 1, T-23-S, R-28-E, Eddy County, New Mexico.

The proposed well location is on an existing standard 40 acre East Herradura Bend oil proration unit and is non-standard only with respect to the quarter-quarter section line within Chevron's Lentini Federal lease. Production from this proration unit is currently assigned to the Lentini Federal 1-1. We respectfully request your approval of this non-standard location and the simultaneous dedication of production from both wells in the unit.

A copy of this administrative application was provided to our offset operators via Certified Mail. Attached is a map and a Form C-102 plat illustrating the proration unit acreage and well location. Also included is a copy of the letter sent to our offset operators.

If you have any questions, or if you require further information, please contact Dave Rittersbacher at (915) 687-7114.

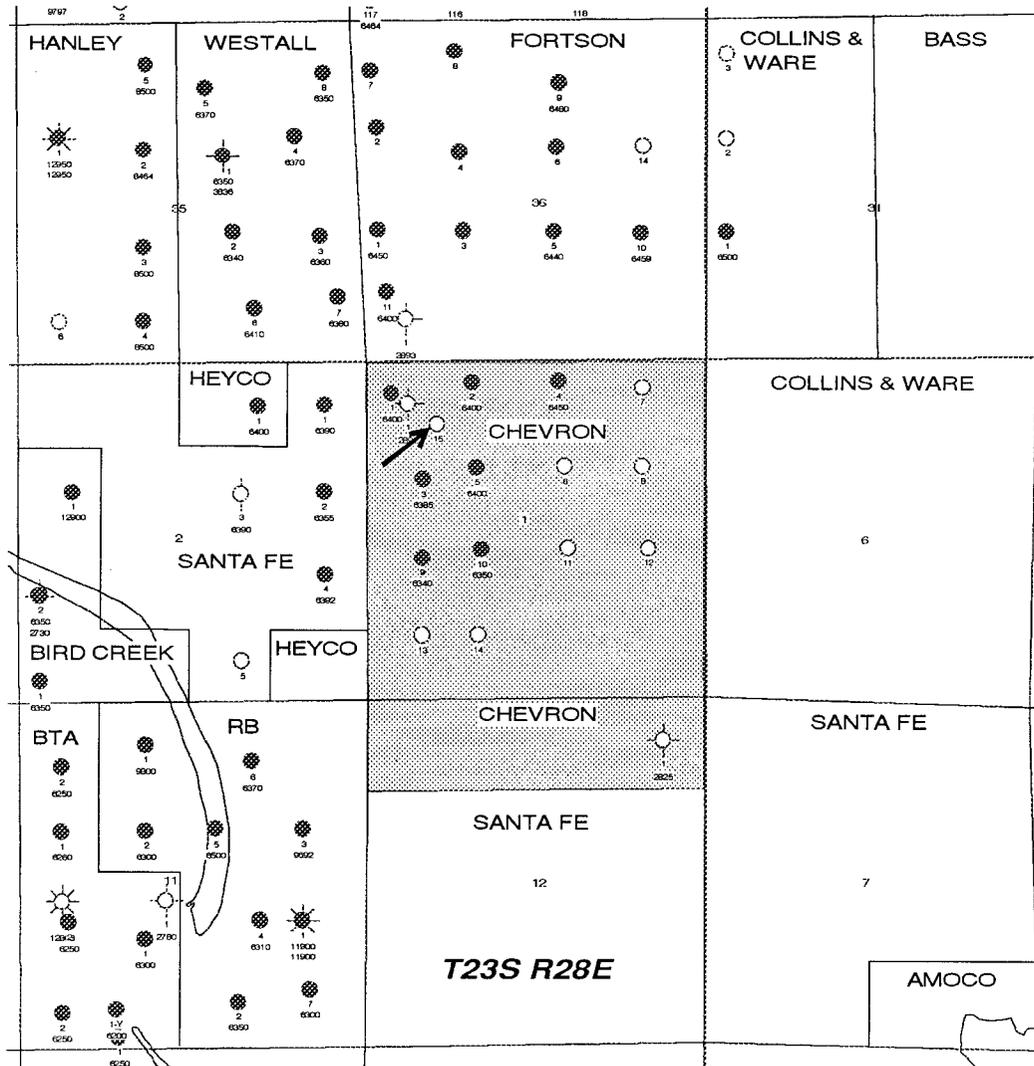
Sincerely,

*Dave Rittersbacher*

Dave Rittersbacher  
Sr. Petroleum Geologist  
New Mexico Area

/s/ndr  
14109.DOC

cc: NMOCD - Artesia, New Mexico



<b>CHEVRON USA - Location Map</b>		
Lentini Federal 1-15 1000' FNL 1125' FWL Sec. 1-T23S-R28E Eddy CO., N.M.		
Dave Rittersbacher		10/6/94
	Scale 1:36000.	

DISTRICT I  
P.O. Box 1080, Hobbs, NM 88240

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

**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 Name
Property Code	Property Name LENTINI 1 FEDERAL	Well Number 15
OGRID No.	Operator Name CHEVRON U.S.A. INC.	Elevation 3060'

Surface Location

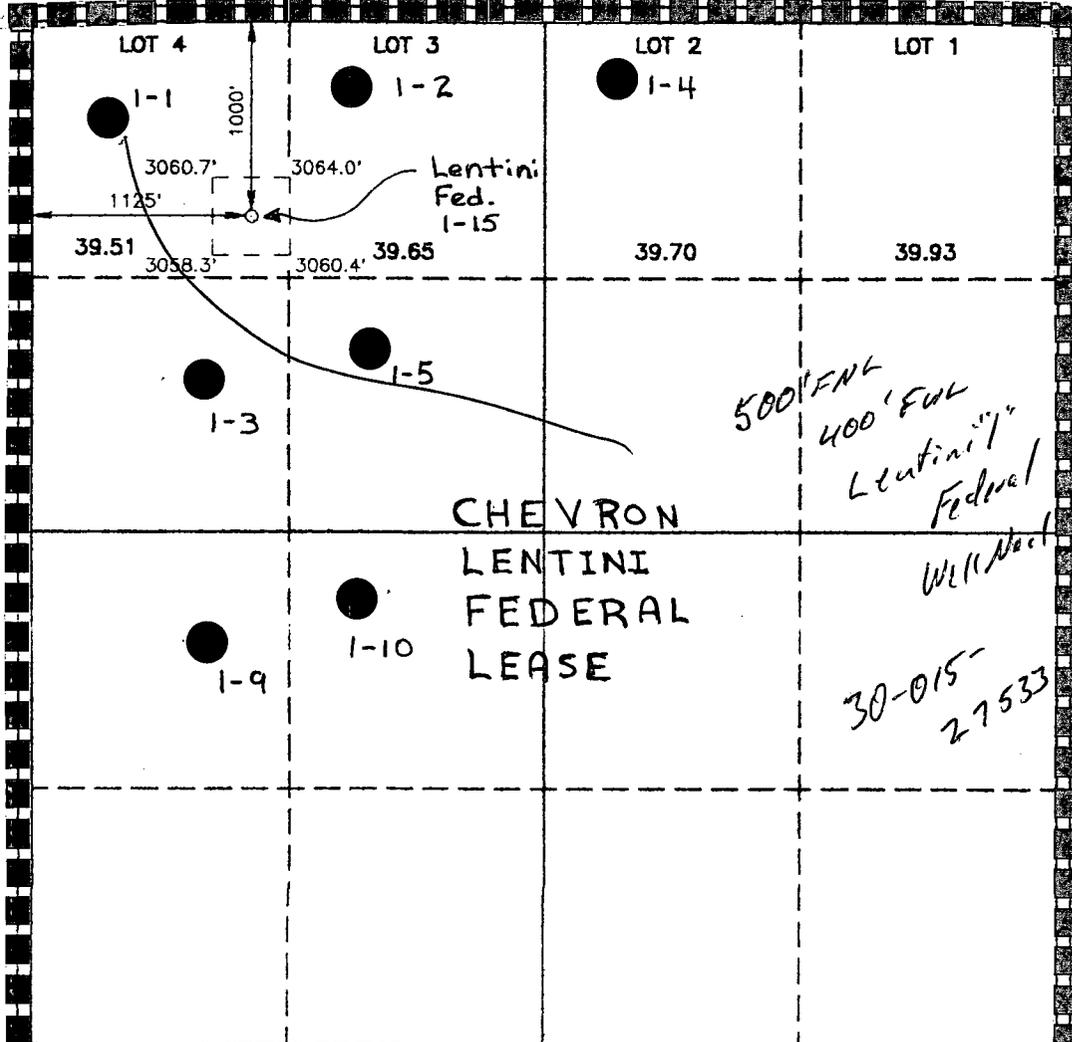
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	1	23S	28E		1000	NORTH	1125	WEST	EDDY

<sup>11</sup> Bottom Hole Location If Different From Surface

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

Dedicated Acres	Joint or Infill	Consolidation Code	Order 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



**OPERATOR CERTIFICATION**

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

Dave Rittersbacher  
Signature

Dave Rittersbacher  
Printed Name

Sr. Petroleum Geologist  
Title

10/5/94  
Date

---

**SURVEYOR CERTIFICATION**

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

**SEPTEMBER 23, 1994**  
Date Surveyed

Ronald J. Eidson  
Signature & Seal of Professional Surveyor

W.O. Num 94-11-1644

Certificate No. JOHN W. WEST. 576  
RONALD J. EIDSON. 3239

**CHEVRON USA INC.**

ADMINISTRATIVE APPLICATION FOR  
SIMULTANEOUS DEDICATION AND  
UNORTHODOX WELL LOCATION  
LENTINI FEDERAL 1-15  
EAST HERRADURA BEND (DELAWARE) FIELD  
1000' FNL 1125' FWL  
SECTION 1 - T23S - R28E  
EDDY CO., N.M.

Offset Operators

Fortson Oil Company  
301 Commerce Street  
Suite 3301  
Fort Worth, TX 76102

Santa Fe Energy Resources, Inc.  
550 W. Texas  
Suite 1330  
Midland, TX 79701

Ray Westall  
P.O. Box 4  
Loco Hills, N.M. 88255



**Chevron**

October 5, 1994  
Midland, Texas

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

Administrative Application for Simultaneous  
Dedication and Unorthodox Well Location  
Lentini Federal 1-15  
East Herradura Bend (Delaware) Field  
1000' FNL 1125' FWL  
Section 1, T-23-S, R-28E  
Eddy County, New Mexico

Ray Westall  
P.O. Box 4  
Loco Hills, New Mexico 88255

Dear Sir:

Please find attached a copy of Chevron USA's application to the New Mexico Oil Conservation Division for a non-standard location and simultaneous dedication of the proposed Lentini 1-15 well, 1000' FNL 1125' FWL, Section 1, T-23-S, R-28-E, East Herradura Bend (Delaware) Field, Eddy Co., N.M. Chevron has requested that the production from the proposed well be simultaneously dedicated to an existing standard 40 acre oil proration unit currently producing from the Lentini 1-1 well. The proposed location is non-standard only with respect to a quarter-quarter section line within Chevron's Lentini Federal lease.

If you have any questions or require further information, please call Dave Rittersbacher at (915) 687-7114.

Sincerely,

A handwritten signature in cursive script that reads "Dave Rittersbacher".

Dave Rittersbacher  
Sr. Petroleum Geologist

/s/andr  
14110.DOC



**Chevron**

October 5, 1994  
Midland, Texas

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

Administrative Application for Simultaneous  
Dedication and Unorthodox Well Location  
Lentini Federal 1-15  
East Herradura Bend (Delaware) Field  
1000' FNL 1125' FWL  
Section 1, T-23-S, R-28E  
Eddy County, New Mexico

Santa Fe Energy Resources, Inc.  
550 W. Texas  
Suite 1330  
Midland, Texas 79701

Dear Sir:

Please find attached a copy of Chevron USA's application to the New Mexico Oil Conservation Division for a non-standard location and simultaneous dedication of the proposed Lentini 1-15 well, 1000' FNL 1125' FWL, Section 1, T-23-S, R-28-E, East Herradura Bend (Delaware) Field, Eddy Co., N.M. Chevron has requested that the production from the proposed well be simultaneously dedicated to an existing standard 40 acre oil proration unit currently producing from the Lentini 1-1 well. The proposed location is non-standard only with respect to a quarter-quarter section line within Chevron's Lentini Federal lease.

If you have any questions or require further information, please call Dave Rittersbacher at (915) 687-7114.

Sincerely,

*Dave Rittersbacher*

Dave Rittersbacher  
Sr. Petroleum Geologist

/smdr  
14110.DOC



**Chevron**

October 5, 1994  
Midland, Texas

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

Administrative Application for Simultaneous  
Dedication and Unorthodox Well Location  
Lentini Federal 1-15  
East Herradura Bend (Delaware) Field  
1000' FNL 1125' FWL  
Section 1, T-23-S, R-28E  
Eddy County, New Mexico

Fortson Oil Company  
301 Commerce Street  
Suite 3301  
Ft. Worth, Texas 76102

Dear Sir:

Please find attached a copy of Chevron USA's application to the New Mexico Oil Conservation Division for a non-standard location and simultaneous dedication of the proposed Lentini 1-15 well, 1000' FNL 1125' FWL, Section 1, T-23-S, R-28-E, East Herradura Bend (Delaware) Field, Eddy Co., N.M. Chevron has requested that the production from the proposed well be simultaneously dedicated to an existing standard 40 acre oil proration unit currently producing from the Lentini 1-1 well. The proposed location is non-standard only with respect to a quarter-quarter section line within Chevron's Lentini Federal lease.

If you have any questions or require further information, please call Dave Rittersbacher at (915) 687-7114.

Sincerely,

A handwritten signature in cursive script that reads "Dave Rittersbacher".

Dave Rittersbacher  
Sr. Petroleum Geologist

/umdr  
14110.DOC

Sec : 01 Twp : 23S Rng : 28E Section Type : NORMAL

4 39.51  Federal owned A A	3 39.65  Federal owned A	2 39.79  Federal owned A	1 39.93  Federal owned A
E 40.00  Federal owned	F 40.00  Federal owned A	G 40.00  Federal owned A	H 40.00  Federal owned A

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

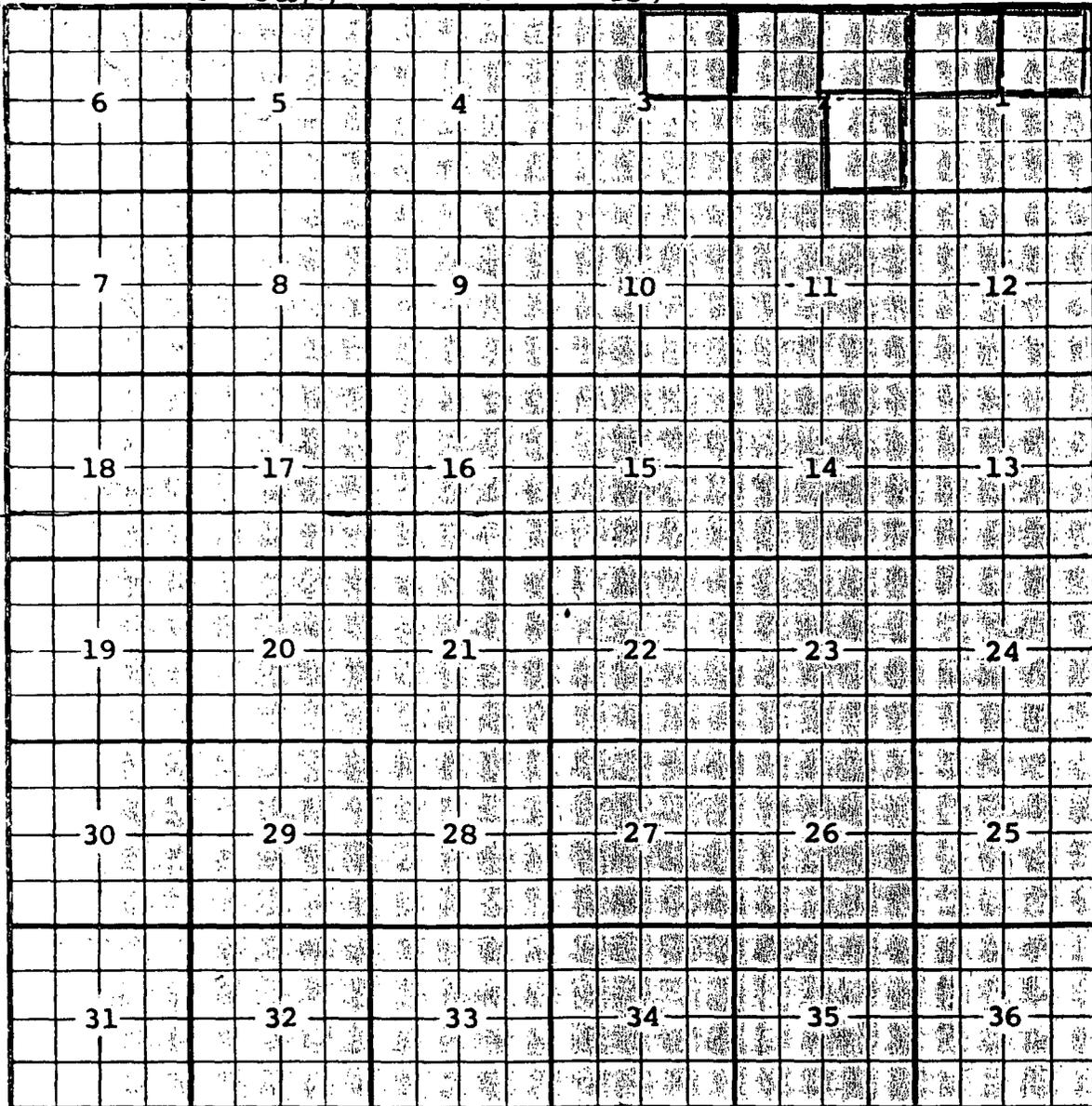
Sec : 01 Twp : 23S Rng : 28E Section Type : NORMAL

L 40.00  Federal owned A	K 40.00  Federal owned A	J 40.00  Federal owned A	I 40.00  Federal owned A
M 40.00  Federal owned A	N 40.00  Federal owned A	O 40.00  Federal owned	P 40.00  Federal owned

PF01 HELP      PF02              PF03 EXIT      PF04 GoTo      PF05              PF06  
PF07 BKWD      PF08 FWD          PF09 PRINT      PF10 SDIV      PF11              PF12

COUNTY Eddy POOL East Herradura Bend- Delaware

TOWNSHIP 23 South RANGE 28 East NMPM



Description: NW/4 Sec. 2 (R-8179, 3-14-86)

Ext: NE/4 Sec. 2 (R-9771, 11-19-92) Ext: NE/4 Sec. 2 (R-9884, 4-26-93)

Ext: SE/4 Sec. 2 (R-9938, 8-17-93) Ext: NW/4 Sec. 1 (R-10042, 12-28-93)

Ext: NE/4 Sec. 1 (R-10124, 5-31-94)

State of New Mexico  
**ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT**  
Santa Fe, New Mexico 87505



**OIL CONSERVATION DIVISION**



January 5, 1995

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

Attention: David Rittersbacher

*Re: Application for Administrative Approval of an  
Unorthodox Oil Well Location for the Lentini  
Federal "1" Well No. 15: 1000'FNL - 1125'FWL  
(Unit D) of Section 1, Township 23 South, Range  
28 East, NMPM, East Herradura Bend-Delaware  
Pool, Eddy County, New Mexico.*

Dear Mr. Rittersbacher:

In order to complete our review of this application and to release an administrative approval in this matter, please elaborate in a little more detail as to why this well could not be drilled at a standard oil well location within the existing 39.51-acre oil spacing and proration unit comprising Lot 4 (the NW/4 NW/4 equivalent) of said Section 1.

Thank you for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael E. Stogner".

Michael E. Stogner  
Acting Director

cc: Oil Conservation Division - Artesia  
U. S. Bureau of Land Management - Carlsbad

**VILLAGRA BUILDING - 408 Galisteo**

Forestry and Resources Conservation Division  
P.O. Box 1948 87504-1948  
827-5830

Park and Recreation Division  
P.O. Box 1147 87504-1147  
827-7465

**2040 South Pacheco**

Office of the Secretary  
827-5950

Administrative Services  
827-5925

Energy Conservation & Management  
827-5900

Mining and Minerals  
827-5970

Oil Conservation  
827-7131