Chevron

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

January 10,1995 Midland, Texas

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.

Received 1-17-95

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

DRUG FREE

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

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

su Stat

RECE VED

# Chevron

Administrative Application for Simultaneous Administrative Application for Simultaneous Administrative Application for Simultaneous Administrative Application Reast Herradura Bend Delaware Oil Pool 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 All is is

.

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,

Dance Ritton abor chon

Dave Rittersbacher Sr. Petroleum Geologist New Mexico Area

/tmdr 14109.DOC

cc: NMOCD - Artesia, New Mexico

HANLE	2 <b>8</b> <b>8</b> <b>8</b> <b>8</b> <b>8</b> <b>8</b> <b>8</b> <b>8</b>	WEST	ALL	6464	116 8	FORTSO	N	् COLLINS ृ WARE	& BASS
12950	2 8464	63/0 	<b>8</b> 4 e370	<b>2</b> 2	<b>8</b>	<b>8</b> 96	O <sub>1</sub>	$\bigcirc_2$	
	3 800	2 8340	**************************************	0450	<b>\$</b>	5 6440	8 10 6459	889 1 12500	
਼	8 4 8500	e 6410	**************************************	₩ +1 +1 + + - - - - - - - - - - - - - - -					
			**************************************			) HEVRON	ò	COLLIN	IS & WARE
**************************************	2	, 	2 8355	<b>3</b> 5085		0 1	O <sub>p</sub>		
2 855 2730		SANTA F	E	89 6540	889 10 6350	Ö	Ģ		6
BIRD C	REEK	Ç	HEYCO	Ç.	Q.				
BTA	8000	RB			CH	EVRON	-¢ 3825	SAN	NTA FE
6250 ****	800 2 1000	6370	3 9002		SA	NTA FE			
, , , , , , , , , , , , , , , , , , ,	دیں دی دی دی دی دی دی دی دی دی دی دی دی دی	**************************************	11500 11500 7 6000	-	T239	<sup>12</sup> S R28E			AMOCO

CHEVR	ON USA - Loca	tion Map
1000' FNL 1	entini Federal 1- 125' FWL Sec. Eddy CO., N.M	1-T23S-R28E
Dave Rittersbacher		10/6/94
	Scale 1:36000.	

ĎISTRICŤ I P.O. Box 1980, Bobbs, NM 88240

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

DISTRICT III 1000 Rio Brazos Rd., Aztec, 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

#### API Number Pool Code Pool Name Property Code Property Name Well Number 15 LENTINI 1 FEDERAL OGRID No. **Operator** Name Elevation CHEVRON U.S.A. INC. 3060' Surface Location UL or lot No. Feet from the Section Township Lot Idn North/South line Feet from the East/West line County Range 4 1 23S 1000 WEST EDDY 28E NORTH 1125 <sup>11</sup>Bottom Hole Location If Different From Surface UL or lot No. Section Range Lot Idn Feet from the North/South line Township Feet from the East/West line County Joint or Infill Dedicated Acres 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 LOT 4 LOT 3 LOT 2 LOT 1 OPERATOR CERTIFICATION 1-4 1-2 I hereby certify the the information 1 - t ed herein is true and complete to the best of my knowledge and belief. 3060.7 Lentini 3064.0' Fed. 1-15 39.51 39.65 39.70 39.93 3060.4 Signatur 500 FNT FUL 400 Fut init Lentinit Lentinit Wellindor Dave Printed Name Sr Title 1-3 10 Date CHEVRON SURVEYOR CERTIFICATION LENTINI I hereby certify that the well location shown on this plat was plotted from field notes of FEDERAL actual surveys made by me or under my 30-015-21533 supervison and that the same is true and 1-10 LEASE correct to the best of my belief. 1-9 SEPTEMBER 23, 1994 Date Surveyed Signature & Seal of Professional Surveyor /W.O. Nur Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239

### CHEVRON USA INC.

9

### 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 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,

Dave Rittersbache

Dave Rittersbacher Sr. Petroleum Geologist

/tmdr 14110.DOC



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 Retterstracher

Dave Rittersbacher Sr. Petroleum Geologist

/tmdr 14110.DOC ŧ



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,

Darre Rittershark

Dave Rittersbacher Sr. Petroleum Geologist

/tmdr 14110.DOC È

CMD : OG5SECT Sec : 01 Twp : 23S	ONGARD INQUIRE LAND E Rng : 28E Section	BY SECTION	01/04/95 20:00:03 OGOMES -EMFB PAGE NO: 1
4 39.51	3 39.65	2 39.79	1 39.93
Federal owned	Federal owned	Federal owned	Federal owned
A A	A	A	А
E	F	G	<u>H</u>
40.00	40.00	40.00	40.00
Federal owned	Federal owned	Federal owned	Federal owned
	А	А	А
PF01 HELP PF02 PF07 BKWD PF08 FW	PF03 EXIT PH D PF09 PRINT PH	F04 GoTo PF05 F10 SDIV PF11	PF06 PF12

CMD :	ONGARD	01/04/95 20:00:16	
QG5SECT	INQUIRE LAND H	OGOMES -EMFB	
Sec : 01 Twp : 23S	Rng : 28E Section	PAGE NO: 2	
L	K	J	I
40.00	40.00	40.00	40.00
Federal owned	Federal owned	Federal owned	Federal owned
A	A	A	A
M	N	0	P
40.00	40.00	40.00	40.00
Federal owned	Federal owned	Federal owned	Federal owned
A	A		
PF01 HELP PF02		F04 GoTo PF05	PF06
PF07 BKWD PF08 FW		F10 SDIV PF11	PF12

			14.14		1.13	5. C	建设的通	Ter A	dy of the	1.20.25	7-19 D	11 · · · ·	N OWN	部部	鮮壯和	N. COM	a		<u>こ</u> ク	<u>a -</u>			<u>a Wi</u>	<b>2</b> ~C	
rOl T	WNSH	411 1.	2	<u>.</u>	<u>ہ</u> ر	$\frac{ut}{1}$	<u>ሩ</u> - ግ	RAN	GE .	2 	8	12	Current Contraction	57	* NM	PM J			1. 165 C		桃酿得		indian. I		
╉			1					 	्त. 	ः तम स्र	1997 - 19		题	N. Al	1、酸			透	なが強い シー語	費	: 纖 子纖	部旗	1。除		
+		4			<u>!</u>	5 —		*1	4	1 <u>- 3</u>			部で	<b>}</b>	に離し	建建			\$ 48\$ 方影				्र 194 - नुमेरे		
+	-+	$\rightarrow$	-				ية الإ		1 1		4		· 4	14 C A	「「	四個		- <u></u>	を構	该着			(1) (1)	8 / 11 8 11 201	
╉	-+	-	 				23) 				- Main	-48 <u>.</u> 1. 3.5	i, cim - dai		5 (5) 5 (5)	1 题				一般	- 96 . 53				
+	-+												- 19							1. 徽		· 雅		4.15 14-14 1-1-1	
╉	- 7 			4 L 1	- 8	8 — 1	ym.	• •	<b>s</b>	● 一 県	31 1.45 2.5 1.5		一百编	0 -			-1	1			<b> -1</b>	2一 1 11	- 16-		
		-	2.9			- 					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. 99 		1.5		, É,	行機		橋	調	1				
		ľ			•	Ň		4. 1	and a second	1414 41-5- 1484		ţ,	潮	識		調整	1. 中国		シャで						
Ţ	-18	]			7	1 影	žeč T	24) (* 12) 12)	-1	6	( 15) - Xiji	P		· 薇	中的		之後		*獵			<b>1</b> 一般			
		ר אי י	9 K.	;	12 12		1 1 1 1			Ú.		i Ri			王家	朝	쪫			ご離	额	*:講			
		, 4 		7	1 194		) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )	\$ 6. L	444 444 444 444	- di		ζ. γ. <sup>γ</sup> .		门		調報			糟	髓	- A			14. 19.	
$\downarrow$		-tr	- 84		نيەر ئې ئولىر		ti li tita			調報	邂	<u>,</u>	<b>編</b>	1990. 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ANN DA				· 續		讀			h, Mase
4	19	)	· (.)		· · ·	0 –		133 1 1	- 2	<b>1</b> —	1997 1997	i di	- 2	2-		き 離し	二二二	I			₽  - 2	4-			
+		72] 				。"韩 注	麗		्यः 	報告記	1 覆	神経					3. 調 小留	行關: 王/總		構成		199			
+	+			Т. Б.			- <sup>20</sup> - 25		• 瘕 - 頭	藏		影響	in 1995 Lans	新。 道道	潦 嫘 言藏:	4 橋 東明	14 15 15	が 第二章	1 職	· 前 · 御	· 索	1	2 () <sup>2</sup> 4		
+	-+	i ja	्रहेतू - म		- 1.4 * 4				1997 1997 1997		燕	、雌			time Bisch	調査	離: (4) (4) (4) (4) (4) (4) (4) (4) (4) (4)								
+	-30	) क	enj.		- 2	9-	1000 1111 1111 1111	1 1 1	-2	8-	ination in the second s	道: [1] [1]	<b> </b>  2	7.篇		7 現	<b>⊢</b> 2	6-	r-vill Status	L. H.	<b>上2</b> 後	15 - 1 %		· 聯	
+			19 9 6 				·· 、作		で。 - 4点 - 場合			でに続い		·····································		「「「「「「「」」」	9-199 9-199 9-199				- 15 - 花	in the second se			
Ŧ				192	ہر جب جب		· 1	1		· 瑜	- itt	A.					· **	1. mail				· 續			
+					-					. intr	. 48	調		9-894 	了翻								đ i		26. V.
1	- 31 ]			2	3	2 - 1 - E		<u>I</u>	- <b>3</b>	<b>- د</b>		虃		4. 一	5-邋	「				· 徽				麗	
I	I		j. T	191	: A	į 4	ų.	्र <u>म</u> ् • व	1 - 10 17				12部		主义		↓ ∰	[關	影響	たた		樹			
es	scri	p	tio	<u>n !</u>	NO.	14	Sec	. 2	()	2-18	2/2	9,3	·····································	-8	5.2			翻編	關漸						
X	(+1		45	ec	ي	(4	<u> </u>	27	ال را		<u>9-9</u>	2. ) 2. )	<u>) E</u>	<u>×+:</u>	NE	5-	(75. 194) (75. 194) (75. 194)	<u>z (</u>	<u> </u>	889	1,4	-26	-93	2	1 14 1 14 1 14
X	(+; 5 +; 5	4 4	Sec	, 2 (	(R-	99	38,8	7-17	-93	51	£×1		<u>745</u>	<u>ec./</u>	<u>[</u> R	-/0	042	12-	- <u>28</u>	<u>-93</u>	2		an a	- -	الله من المراجع . مراجع : و
<del>) -</del>	ہر +:	24	50	<u>2</u> .	10	<u>R-</u>	1012	24	<u>5-3</u>	<u></u>	<u>) (                                   </u>	و می بازی میر دیگر : از از ایک	(20) (約) (約)				ê ; eu;		estre 4 H	in an		(1.1.14) (1.1.14)		<b>.</b>	•
			<u> </u>		**_*			iel i		- 12	<u>, 1</u>			кала. 	inter d'	- 14		19 mai	geisene fi <sup>rs</sup> Status		<u>.</u>	1. 3 <sup>23</sup>		<u> </u>	a an the second
						·· .					· · · ·			e Çarî	· ·	۰ ب	n in		r. fly-s		, , , , , , , , , , , , , , , , , , ,	te e		-	• .
									•	— <u>.</u> —	· ·		<u> </u>	<u>.</u>				1.		,	, <u>, , ,</u> ;	· · · ·		e <sup>st</sup> s.	
							• :				•						1. 33		2.4 <sup>4</sup>						$\sqrt{2}$
	·								<u> </u>									• , •	· .						r .
																		i, sar	• • • •	· · · · ·		• ! •		-	
			_																						

 $C_{1}$ 

Ĺ



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

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

Office of the Secretary 827-5950 Administrative Services 827-5925 Energy Conservation & Management 827-5900 Mining and Minerals 827-5970 Oil Conservation 827-7131

2040 South Pachaco