STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

January 10, 1997

Shell Western E & P Inc. P. O. Box 576 Houston, Texas 77001 Attention: Jeff A. Dethrow

Corrected Administrative Order DD-162(H) High Angle/Horizontal

Dear Mr. Dethrow:

Reference is made to Shell Western E & P Inc.'s ("Shell") application dated December 11, 1996 for authorization to recomplete its State "A" Well No. 10 (API No. 30-025-32844) by side tracking off of the vertical wellbore and drill horizontally in order to further develop the Vacuum-Middle Pennsylvanian Pool underlying the 80 acres comprising the N/2 NE/4 of Section 31, Township 17 South, Range 35 East, NMPM, Lea County, New Mexico.

The Division Director Finds That:

- (1) The subject application has been duly filed under the provisions of Rule 111.D and E of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division"), revised by Division Order No. R-10388, issued by the Oil Conservation Commission in Case 11,274 on June 13, 1995;
 - (2) The Vacuum-Middle Pennsylvanian Pool in Lea County, New Mexico currently comprises all or portions of Sections 11, 13, 14, 24, and 25, Township 17 South, Range 34 East, NMPM and in Township 17 South, Range 35 East, NMPM, includes the W/2 equivalent of Section 30 and the N/2 equivalent of Section 31.
 - (3) The Vacuum-Middle Pennsylvanian Pool is subject to the statewide rules and regulations, as promulgated by Rule 104.C(1)(a), which provides for 40-acre oil spacing and proration units, or drilling units, and requires that wells be located no closer than 330 feet to the outer boundary of a single 40-acre oil spacing and proration unit;
 - (4) The State "A" Well No. 10, located at a standard surface oil well location 940 feet

Administrative Order DD-162(H) Shell Western E & P Inc. January 10, 1997 Page 2

1. . .

from the North and East lines (Unit A) of said Section 31, was drilled in early 1996 to a total depth of 10,700 feet and is currently completed in both the Vacuum-Wolfcamp and Vacuum-Middle Pennsylvanian Pools;

- (5) The "project area" proposed by Shell would consist of an over-sized spacing unit comprising 80 acres (two standard 40-acre tracts) underlying the N/2 NE/4 of said Section 31;
- (6) The applicant/operator proposes to kick-off from vertical at a depth of approximately 10,365 feet by milling a window in the production casing, drill in a west-northwesterly direction with a medium radius curve, and drill horizontally within the Vacuum-Middle Pennsylvanian Pool a lateral distance of approximately 1,500 feet;
- (7) The applicable drilling window or "producing area" for said wellbore should include that area within the N/2 NE/4 of said Section 31 that is no closer than 330 feet to the outer boundary of the subject 80-acre non-standard oil spacing and proration unit; and,
- (8) It appears the applicant has satisfied all of the appropriate requirements prescribed in said Rule 111.D and E, the subject application should be approved and the well should be governed by the provisions contained within this order and all other applicable provisions of Division General Rule 111.

IT IS THEREFORE ORDERED THAT:

(1) The applicant, Shell Western E & P Inc. ("Shell"), is hereby authorized to recomplete its State "A" Well No. 10 (API No. 30-025-32844), from a standard surface location 940 feet from the North and East lines (Unit A) of Section 31, Township 17 South, Range 35 East, NMPM, Lea County, New Mexico, by milling a window in the production casing at a depth of approximately 10,365 feet, kick-off from vertical in a west-northwesterly direction with a medium radius curve, and continue drilling horizontally within the Vacuum-Middle Pennsylvanian Pool a lateral distance of approximately 1,500 feet.

<u>PROVIDED HOWEVER THAT</u> prior to commencing directional drilling operations in said wellbore, the applicant shall establish the location of the kick-off point by means of a directional survey acceptable to the Division.

<u>PROVIDED FURTHER THAT</u> during or upon completion of said directional drilling operations, the applicant shall conduct an accurate wellbore survey from the kick-off point to total

Administrative Order DD-162(H) Shell Western E & P Inc. January 10, 1997 Page 3

depth in order that the subsurface bottomhole location, as well as the wellbore's true depth and course, may be determined.

(2) The applicant shall notify the supervisor of the Hobbs District office of the Division of the date and time said wellbore surveys are to be conducted so that they may be witnessed. The applicant shall further provide a copy of said wellbore surveys to the Santa Fe and Hobbs offices of the Division upon completion.

(3) The "project area" for said horizontal well shall consist of an oversized 80-acre non-standard oil spacing and proration unit for said pool comprising the N/2 NE/4 of said Section 31.

(4) The applicable drilling window or "producing area" for said wellbore shall include that area within the N/2 NE/4 of said Section 31 that is no closer than 330 feet to the outer boundary of the subject 80-acre non-standard oil spacing and proration unit.

(5) The operator shall comply with all requirements and conditions set forth in Division General Rule 111.E(2) and any applicable requirements in 111.D and F.

(6) Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth (TVD) in addition to measured depths (MVD).

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

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

STATE OF NEW MEXICO OIL CONSERVATION DIVISION WILLIAM J. LEMAY Director

SEAL

cc: Oil Conservation Division - Hobbs New Mexico State Land Office - Santa Fe

STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION 2040 S. PACHECO SANTA FE. NEW MEXICO 87505 (505) 827-7131

January 2, 1997

Shell Western E & P Inc. P. O. Box 576 Houston, Texas 77001 Attention: Jeff A. Dethrow

Administrative Order DD-162(H) High Angle/Horizontal

Dear Mr. Dethrow:

Reference is made to Shell Western E & P Inc.'s ("Shell") application dated December 11, 1996 for authorization to recomplete its State "A" Well No. 1 (API No. 30-025-32844) by side tracking off of the vertical wellbore and drill horizontally in order to further develop the Vacuum-Middle Pennsylvanian Pool underlying the 80 acres comprising the N/2 NE/4 of Section 31, Township 17 South, Range 35 East, NMPM, Lea County, New Mexico.

The Division Director Finds That:

- (1) The subject application has been duly filed under the provisions of Rule 111.D and E of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division"), revised by Division Order No. R-10388, issued by the Oil Conservation Commission in Case 11,274 on June 13, 1995;
- (2) The Vacuum-Middle Pennsylvanian Pool in Lea County, New Mexico currently comprises all or portions of Sections 11, 13, 14, 24, and 25, Township 17 South, Range 34 East, NMPM and in Township 17 South, Range 35 East, NMPM, includes the W/2 equivalent of Section 30 and the N/2 equivalent of Section 31.
- (3) The Vacuum-Middle Pennsylvanian Pool is subject to the statewide rules and regulations, as promulgated by Rule 104.C(1)(a), which provides for 40-acre oil spacing and proration units, or drilling units, and requires that wells be located no closer than 330 feet to the outer boundary of a single 40-acre oil spacing and proration unit;
- (4) The State "A" Well No. 1, located at a standard surface oil well location 940 feet

Administrative Order DD-162(H) Shell Western E & P Inc. January 2, 1997 Page 2

from the North and East lines (Unit A) of said Section 31, was drilled in early 1996 to a total depth of 10,700 feet and is currently completed in both the Vacuum-Wolfcamp and Vacuum-Middle Pennsylvanian Pools;

- (5) The "project area" proposed by Shell would consist of an over-sized spacing unit comprising 80 acres (two standard 40-acre tracts) underlying the N/2 NE/4 of said Section 31;
- (6) The applicant/operator proposes to kick-off from vertical at a depth of approximately 10,365 feet by milling a window in the production casing, drill in a west-northwesterly direction with a medium radius curve, and drill horizontally within the Vacuum-Middle Pennsylvanian Pool a lateral distance of approximately 1,500 feet;
- (7) The applicable drilling window or "producing area" for said wellbore should include that area within the N/2 NE/4 of said Section 31 that is no closer than 330 feet to the outer boundary of the subject 80-acre non-standard oil spacing and proration unit; and,
- (8) It appears the applicant has satisfied all of the appropriate requirements prescribed in said Rule 111.D and E, the subject application should be approved and the well should be governed by the provisions contained within this order and all other applicable provisions of Division General Rule 111.

IT IS THEREFORE ORDERED THAT:

(1) The applicant, Shell Western E & P Inc. ("Shell"), is hereby authorized to recomplete its State "A" Well No. 1 (API No. 30-025-32844), from a standard surface location 940 feet from the North and East lines (Unit A) of Section 31, Township 17 South, Range 35 East, NMPM, Lea County, New Mexico, by milling a window in the production casing at a depth of approximately 10,365 feet, kick-off from vertical in a west-northwesterly direction with a medium radius curve, and continue drilling horizontally within the Vacuum-Middle Pennsylvanian Pool a lateral distance of approximately 1,500 feet.

<u>PROVIDED HOWEVER THAT</u> prior to commencing directional drilling operations in said wellbore, the applicant shall establish the location of the kick-off point by means of a directional survey acceptable to the Division.

<u>PROVIDED FURTHER THAT</u> during or upon completion of said directional drilling operations, the applicant shall conduct an accurate wellbore survey from the kick-off point to total

Administrative Order DD-162(H) Shell Western E & P Inc. January 2, 1997 Page 3

depth in order that the subsurface bottomhole location, as well as the wellbore's true depth and course, may be determined.

(2) The applicant shall notify the supervisor of the Hobbs District office of the Division of the date and time said wellbore surveys are to be conducted so that they may be witnessed. The applicant shall further provide a copy of said wellbore surveys to the Santa Fe and Hobbs offices of the Division upon completion.

(3) The "project area" for said horizontal well shall consist of an oversized 80-acre non-standard oil spacing and proration unit for said pool comprising the N/2 NE/4 of said Section 31.

(4) The applicable drilling window or "producing area" for said wellbore shall include that area within the N/2 NE/4 of said Section 31 that is no closer than 330 feet to the outer boundary of the subject 80-acre non-standard oil spacing and proration unit.

(5) The operator shall comply with all requirements and conditions set forth in Division General Rule 111.E(2) and any applicable requirements in 111.D and F.

(6) Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth (TVD) in addition to measured depths (MVD).

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

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

STATE OF NEW MEXICO OIL CONSERVATION DIVISION WILLIAM J/ LEMAY Director

SEAL

cc: Oil Conservation Division - Hobbs New Mexico State Land Office - Santa Fe

pD-SHELL.1 1/2/97

Re: 12-12-96 Susp: 1-2-96 Reliased 1-2-47

December 23, 1996

Shell Western E & P Inc. P. O. Box 576 Houston, Texas 77001

Attention: Jeff A. Dethrow

/62_ Administrative Order DD-**(H) High Angle/Horizontal

Dear Mr. Dethrow:

Reference is made to Shell Western E & P Inc.'s ("Shell") application dated December 11, 1996 for authorization to recomplete its State "A" Well No. 1 (API No. 30-025-32844) by side tracking off of the vertical wellbore and drill horizontally in order to further develop the Vacuum-Middle Pennsylvanian Pool underlying the 80 acres comprising the N/2 NE/4 of Section 31, Township 17 South, Range 35 East, NMPM, Lea County, New Mexico.

The Division Director Finds That:

- (1) The subject application has been duly filed under the provisions of Rule 111.D and E of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division"), revised by Division Order No. R-10388, issued by the Oil Conservation Commission in Case 11,274 on June 13, 1995;
- (2) The Vacuum-Middle Pennsylvanian Pool in Lea County, New Mexico currently comprises all or portions of Sections 11, 13, 14, 24, and 25, Township 17 South, Range 34 East, NMPM and in Township 17 South, Range 35 East, NMPM, includes the W/2 equivalent of Section 30 and the N/2 equivalent of Section 31.
- (3) The Vacuum-Middle Pennsylvanian Pool is subject to the statewide rules and regulations, as promulgated by Rule 104.C(1)(a), which provides for 40-acre oil spacing and proration units, or drilling units, and requires that wells be located no closer than 330 feet to the outer boundary of a single 40-acre oil spacing and proration unit;
- (4) The State "A" Well No. 1, located at a standard surface oil well location 940 feet from the North and East lines (Unit A) of said Section 31, was drilled in early 1996 to a total depth of 10,700 feet and is currently completed in both the

1-2

Vacuum-Wolfcamp and Vacuum-Middle Pennsylvanian Pools;

- (5) The "project area" proposed by Shell would consist of an over-sized spacing unit comprising 80 acres (two standard 40-acre tracts) underlying the N/2 NE/4 of said Section 31;
- (6) The applicant/operator proposes to kick-off from vertical at a depth of approximately 10,365 feet by milling a window in the production casing, drill in a west-northwesterly direction with a medium radius curve, and drill horizontally within the Vacuum-Middle Pennsylvanian Pool a lateral distance of approximately 1,500 feet;
- (7) The applicable drilling window or "producing area" for said wellbore should include that area within the N/2 NE/4 of said Section 31 that is no closer than 330 feet to the outer boundary of the subject 80-acre non-standard oil spacing and proration unit; and,
- (8) It appears the applicant has satisfied all of the appropriate requirements prescribed in said Rule 111.D and E, the subject application should be approved and the well should be governed by the provisions contained within this order and all other applicable provisions of Division General Rule 111.

IT IS THEREFORE ORDERED THAT:

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(1) The applicant, Shell Western E & P Inc. ("Shell"), is hereby authorized to recomplete its State "A" Well No. 1 (API No. 30-025-32844), from a standard surface location 940 feet from the North and East lines (Unit A) of Section 31, Township 17 South, Range 35 East, NMPM, Lea County, New Mexico, by milling a window in the production casing at a depth of approximately 10,365 feet, kick-off from vertical in a west-northwesterly direction with a medium radius curve, and continue drilling horizontally within the Vacuum-Middle Pennsylvanian Pool a lateral distance of approximately 1,500 feet.

<u>PROVIDED HOWEVER THAT</u> prior to commencing directional drilling operations in said wellbore, the applicant shall establish the location of the kick-off point by means of a directional survey acceptable to the Division.

<u>PROVIDED FURTHER THAT</u> during or upon completion of said directional drilling operations, the applicant shall conduct an accurate wellbore survey from the kick-off point to total depth in order that the subsurface bottomhole location, as well as the wellbore's true depth and course, may be determined.

(2) The applicant shall notify the supervisor of the Hobbs District office of the Division of the date and time said wellbore surveys are to be conducted so that they may be witnessed. The applicant shall further provide a copy of said wellbore surveys to the Santa Fe

and Hobbs offices of the Division upon completion.

(3) The "project area" for said horizontal well shall consist of an oversized 80-acre non-standard oil spacing and proration unit for said pool comprising the N/2 NE/4 of said Section 31.

(4) The applicable drilling window or "producing area" for said wellbore shall include that area within the N/2 NE/4 of said Section 31 that is no closer than 330 feet to the outer boundary of the subject 80-acre non-standard oil spacing and proration unit.

(5) The operator shall comply with all requirements and conditions set forth in Division General Rule 111.E(2) and any applicable requirements in 111.D and F.

(6) Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth (TVD) in addition to measured depths (MVD).

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

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

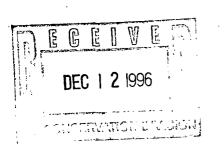
STATE OF NEW MEXICO OIL CONSERVATION DIVISION

WILLIAM J. LEMAY Director

SEAL

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cc: Oil Conservation Division - Hobbs New Mexico State Land Office - Santa Fe



Shell Western E&P Inc.



An affiliate of Shell Oil Company

P. O. Box 576 Houston, TX 77001

December 11, 1996

12-12

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Mr. Michael E. Stogner State of New Mexico Energy, Minerals & Natural Resources Department Oil Conservation Division 2040 South Pacheco Santa Fe NM 87505

> RE: Application for administrative approval of a horizontal well project Vacuum - Middle Pennsylvanian Pool, Section 31, T17S-R35E Lea County, New Mexico State "A" #10 Well

Dear Mr. Stogner:

On January 31, 1995, Shell Western E&P Inc. (SWEPI) obtained approval to drill the subject well. A number of orders have been issued for this well ranging from granting approval of unorthodox locations to production from a number of different pools both shallower and deeper than the original objective formation. In the event SWEPI's evaluations of these other zones is unfavorable, SWEPI desires to further test the Middle Pennsylvanian Pool by utilizing a horizontal wellbore.

Therefore, SWEPI requests administrative approval to drill a horizontal lateral penetrating the Vacuum - Middle Penn Pool from a previously approved unorthodox surface location according to the plat and horizontal schematic enclosed. The horizontal wellbore will increase the productivity and profitability of this project.

The project area for this horizontal venture is 80-acres being the N/2 NE/4 of Section 31-T17N-R35E. The surface location and entire horizontal lateral are within the confines of this project area. Likewise, the producing interval in the wellbore is totally confined within the producing area; such producing area being defined as being within the boundary of the N/2 NE/4 of Section 31 and no nearer than 330' from the outside boundary of such 80-acres. Please note that there are no existing wells in the Vacuum-Middle Penn Pool within the project area and likewise, there are no offsetting drilling units or wells in the Vacuum - Middle Penn Pool. The nearest Vacuum - Middle Penn Pool producer is the Mobil Producing Texas & New Mexico - Bridges State #513 located in the SW/4 NE/4 of Section 13-T17N-34E, Lea County, New Mexico.

Page 2 Mr. Michael E. Stogner December 11, 1996

Enclosed please find the following to support SWEPI's request:

.Forms C-101 and C-102 .Vertical and horizontal schematic of the proposed horizontal wellbore .Type log section .Plat .List of offset Operators

A copy of this application, along with a waiver of objection form, has been forwarded by certified mail, return receipt requested, this date to the offset operators shown on the attached list.

It is our understanding from the regulations (111.D.3) that as long as the entire horizontal lateral is not closer than 330' (field rules for the Middle Penn Pool) to the outer boundary of any legal subdivision, all such legal subdivisions which are penetrated by the horizontal lateral shall be considered the well's proration unit. As the proration units for the Middle Penn are 40-acres and the State "A" #10 horizontal lateral will traverse across two 40-acre tracts, SWEPI requests your approval to form an 80-acre proration unit being the N/2 NE/4 of Section 31-T17S-R35E. Likewise, we understand that by combining two 40-acre tracts into a producing unit for this horizontal well, such well will be granted a double (or two times the normal 40-acre) allowable.

Should you need additional information, do not hesitate to contact the undersigned at 713-544-3226. We appreciate your consideration in this matter.

Yours very truly,

Jeff A. Dethrow CPL Contract Landman Western Asset Administration Continental Division

attach

cc w/ attach: Mr. Jerry Sexton State of New Mexico Oil Conservation Division P.O. Box 1980 Hobbs NM 88240

ALL OFFSET OPERATORS AS SHOWN ON THE ATTACHED LIST

HORIZA10.DOC - 2

DISTRICT I P.O. Box 1960, Hobbs, NM 88243

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DISTRICT III

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

1000 Rio Brazos Rd., Aztec, NM 87410

37.42 ACRES

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

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Certificat

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STOSON.

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Name API Number Pool Code 30-025-32844 62300 VACUUM - MIDDLE PENN **Property** Code Property Name Well Number STATE "A" 10 10120 OGRID No. Elevation **Operator** Name 020676 SHELL WESTERN E & P INC. 3973 Surface Location UL or lot No. Feet from the Section Township Range Lot Idn North/South line Feet from the Bast/West line County 31 17 S 35 E 940 EAST Α NORTH 940 LEA Bottom Hole Location If Different From Surface UL or lot No. Lot Idn Feet from the North/South line Bast/West line Section Township Range Feet from the County 17S 35E 330 2310 B 31 NORTH EAST LEA Dedicated Acres Joint or Infill Consolidation Code Order No. NO ALLOWABLE WILL BE ASSGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 330 OPERATOR CERTIFICATION BHI I hereby certify the the information contained herein is true and complete to the ± 1500 LOT 1 best of my knowledge and belief. 330 37.50 ACRES 940 TEXACO SHELL Signatur JEFF A DETHROW CPL Printed Name CONTRACT LANDMAN Title LOT 2 37.51 ACRES 12/11/96 Date SHELL MARATHON/SHELL SHELL 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 supervison, and that the same is true and LOT 3 correct to the best of my belief. 37.42 ACRES JANUARY 19 19 ۰. 1995 Date Surveyed LAND JI P Signature Profession 4-95 LOT 4

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesla, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV PO Box 2068, Santa Fe, NM 87504-2088

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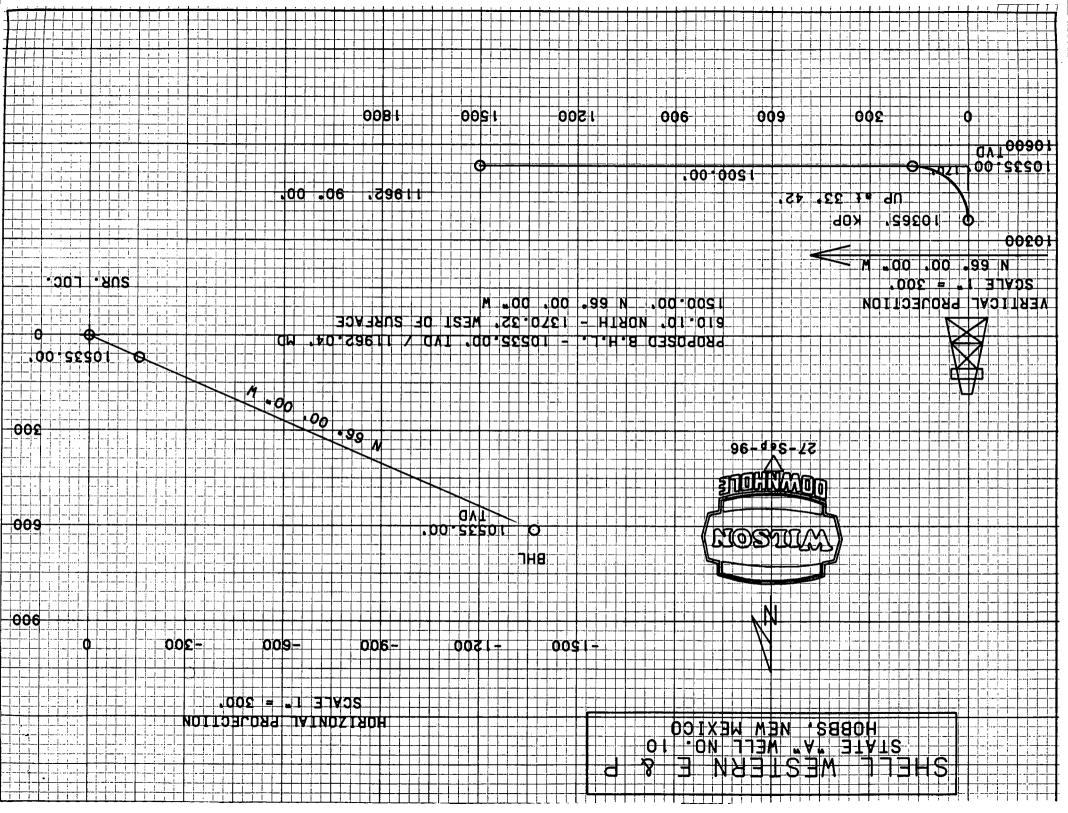
State of New Mexico Energy, Minerals & Natural Resources Department

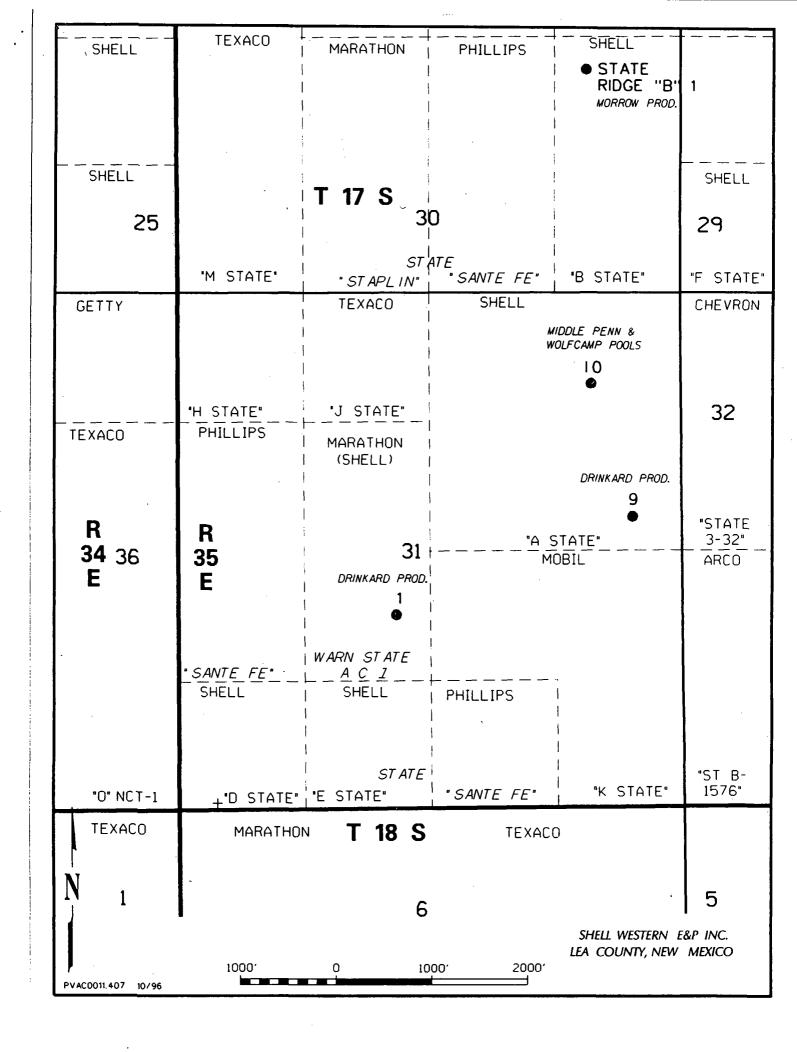
OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088 Form C-101 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

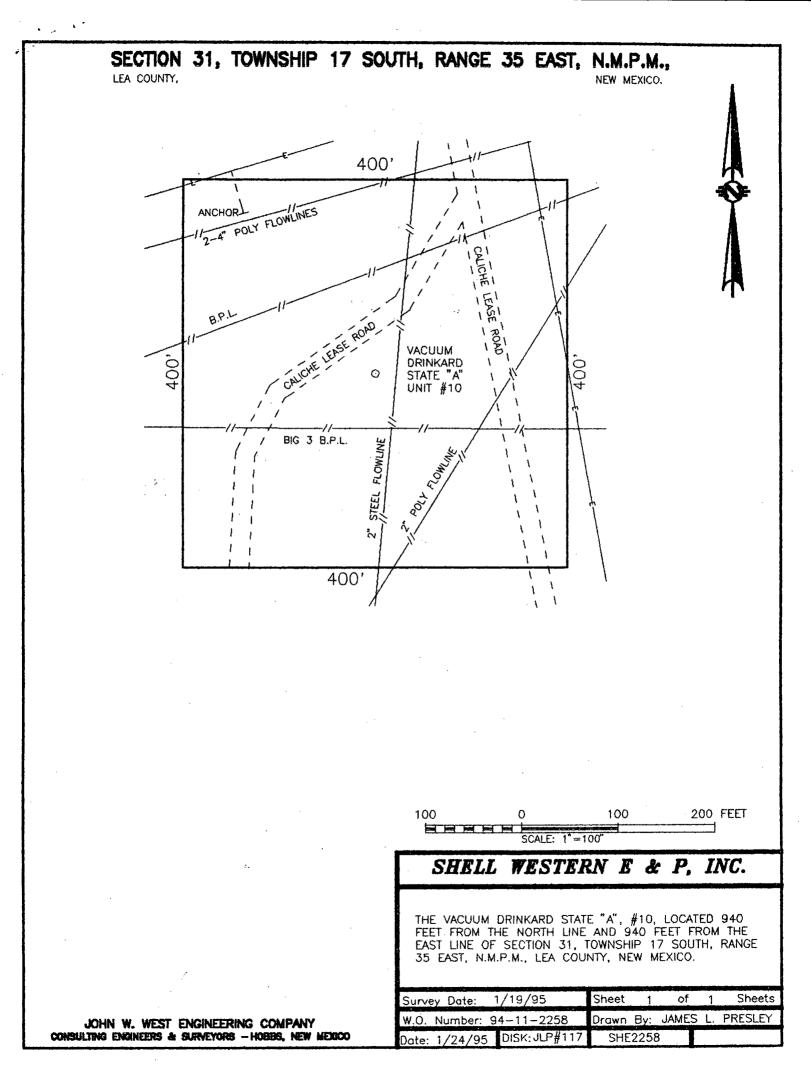
AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

	AILON	TOKII				TER,		ST 1514 ,	PLUGDAU	h, OK	ADI	ALONE			
		¹ Ope	rator name an	d Address							2 OG	RID Number			
Shell Weste	ern E&P l	nc.									C	20676			
P.O. Box 5	76									³ API Number					
Houston, T	X 77001								30-0	30-0 30-025-3284					
⁴ Pro	perty Code				5	Property	Name					Well Number			
1	10120					STATE	"A"					10			
					⁷ Surface I	Locatio	n								
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from t	the N	North/So	outh Line	Feet from the	East/We	st line	County			
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		8	Proposed	Bottom	Hole Locati	on If D	iffere	nt Fron	n Surface						
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from	the N	North/S	outh Line	Feet from the	East/We	st line	County			
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		9 Proposed Pool 1 10 Proposed Pool								Pool 2					
	VAC	UUM - MI	DDLE PENN	l						·					
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¹⁶ Mu	ltiple		7 Proposed De	pth	¹⁸ Form	ations		19	Contractor		²⁰ Sp	oud Date			
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17-1/			-3/8"		4.50#		1478'	,	1350 SX			SURFACE			
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6 1/	8"	5"	LINER		15#	10,450-11,850			550 SX		TOC 10,450'				
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BOP PROGRAM: 2000# RAM PREVENTER 23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: Approved by:															
Printed name:	- <i>I</i> W -					Title:									
Printed name: J Title: CONTR	EFF A DE ACT LAND					Approval Date: Expi					ate:				
Date:	TOT LAND		Phone:			Conditio	ons of A	Approval:	l		<u> </u>				
12/11/9	6		(713) 54	4-3226		Attache									







LIST OF OFFSET OPERATORS

State "A" #10 Section 31, T17S-R35E Lea County, New Mexico

> Arco Permian P. O. Box 1610 Midland, TX 70702

Chevron U.S.A. Inc. Box 1635 Houston, TX 77251

Marathon Oil Company Box 552 Midland, TX 79702-0552

Mobil Exploration & Production U.S., Inc. Box 633 Midland, TX 79702-0633

Phillips Petroleum Company 4001 Penbrook Odessa, TX 79762

Texaco, Inc. Box 3109 Midland, TX 79702-3109



Shell Western E&P Inc.

An affiliate of Shell Oil Company

P. O. Box 576 Houston, TX 77001

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

December 11, 1996

TO THE OFFSET OPERATORS:

Please indicate your approval for our request as detailed in the attached package by signing the waiver form below. Please return the executed copy in the enclosed business reply envelope. Any objections to this request must be filed in writing within twenty days of the date of this notice.

Thank you for your attention to this matter.

WAIVER OF OBJECTION

SHELL WESTERN E&P INC.

APPLICATION FOR ADMINISTRATIVE APPROVAL FOR A HORIZONTAL WELL PROJECT VACUUM - MIDDLE PENN POOL STATE "A" #10 WELL SECTION 31, T17S-R35E LEA COUNTY, NEW MEXICO

I/We do hereby waive any objection to Shell Western E&P Inc.'s request for Administrative Approval to drill a horizontal lateral penetrating the Vacuum - Middle Penn Pool in the N/2 NE/4 of Section 31, T17S-R35E, Lea County, New Mexico

WAIVER APPROVAL

Signature:_____

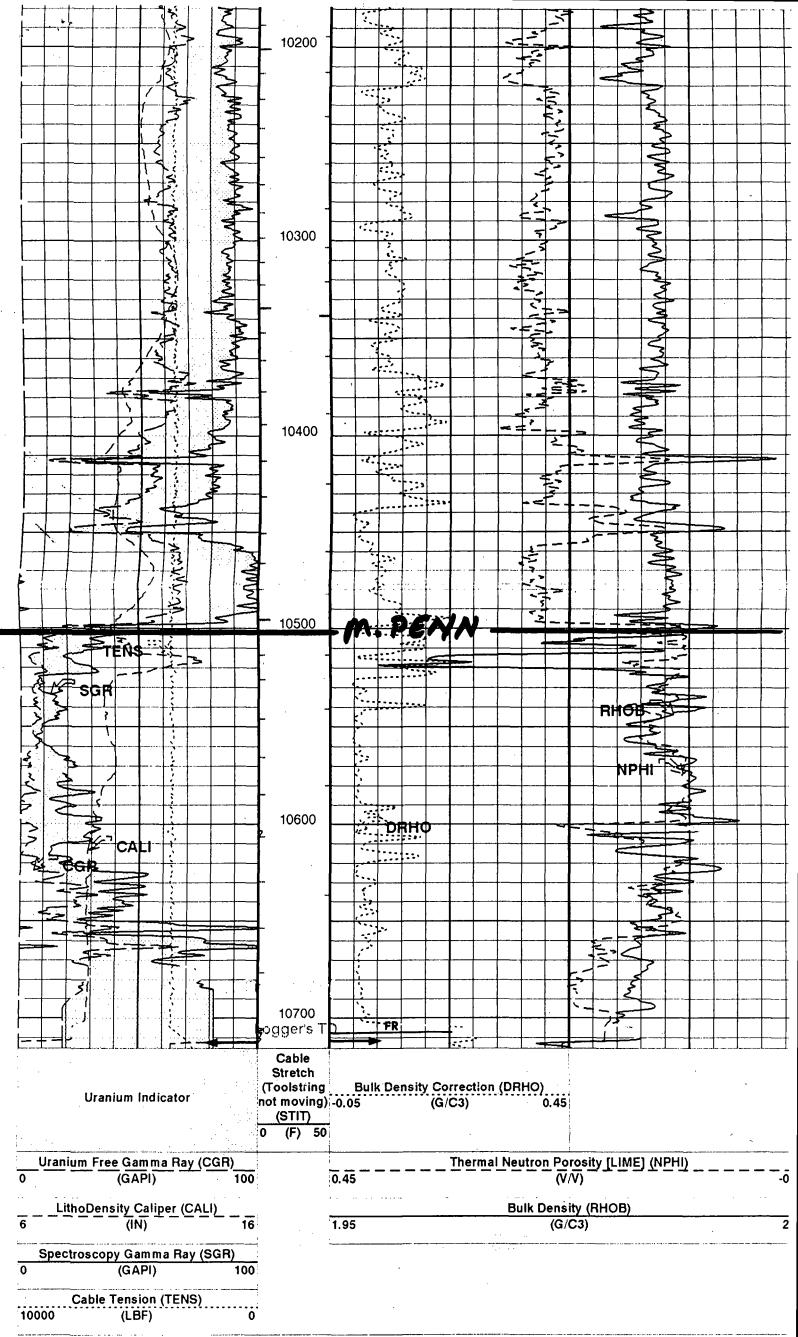
Title:_____

Company:_____

Date:_____

	COMPANY	Shell Western E8	&P		· · · · · · · · · · · · · · · · · · ·	Run 1	Run 2	Run 3	Run 4	
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	Unit Number Becorded By Witnessed By	Location Hobbs 340 Bill Billingsley T. Reed	02		Unit Number Location Recorded By Witnessed By		· · · ·		· · · · · ·	ОТНЕЯ

PIP SUMMARY



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ONGARD INQUIRE WELL COMPLETIONS

API Well No : 30 25 32844 Eff Date : 05-19-1995 WC Status : A Pool Idn : 62300 VACUUM;MIDDLE PENN OGRID Idn : 20676 SHELL WESTERN E & P INC Prop Idn : 10120 STATE A

Well No : 010 GL Elevation: 3973

U/L Sec Township Range North/South East/West Prop/Act(P/A) B.H. Locn : A 31 17S 35E FTG 940 F N FTG 940 F E A Lot Identifier: Dedicated Acre: 40.00 Lease Type : S Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scrollPF01 HELPPF02PF03 EXITPF04 GoToPF05PF06PF07PF08PF09PF10 NEXT-WCPF11 HISTORYPF12 NXTREC