Form 3160-3 0HMIS (November, 199) (Comeric 199) (Comeric 1990 MEXICO 010 1990 MEXICO N.M. 02 JEW N.M. 02 JEW	DEPARTMENT	(Other instru reverse a	reverse i		<ul> <li>Form approved.</li> <li>Budget Bureau No. 1004-0136</li> <li>Expires August 31, 1985</li> <li>5. LEASE DESIGNATION AND BEBIAL NO.</li> </ul>		
OIL 198 MER	OLS WE BUREAU OF LAND MANAGEMENT						
N.M. OT EN	LEOD DEDLAIT		PEN, OR PLUG B	ACK	8910138170 - 6. IF INDIAN, ALLOTT		
APPLICATION	FUR PERMIT	O DRILL, DELI	LIN, ON TEOD D				
TYPE OF WORK		DEEPEN 🗌	PLUG BAC		7. UNIT AGREEMENT		
b. TIPE OF WELL			SINGLE MULTIPI		Myers Langlie		
	S OTHER		ZONE X ZONE		O. FARM OR LEADE A		
2. NAME OF OPERATOR					9. WELL NO.		
3. ADDRESS OF OPERATOR	OXY USA Inc.				267		
	P.O. Box 50250	Midland,	TX 79710		10. FIELD AND POOL,		
4. LOCATION OF WELL (Re	port location clearly and	in accordance with any	State requirements.*)		Langlie Matti		
At surface 190 F	NL 1460 FEL	NW-NE Liko 23	n cy Stroval		11. SEC., T., E., M., O AND SURVEY OR	R BLK. Area	
At proposed prod. zon	. UMORT	HOBUX By Stat			Sec. 6 T24S	R37E	
14. DISTANCE IN MILES	LOCAT	101-1-			12. COUNTY OR PARIS		
	outh from Eunic				Lea	NM	
15. DISTANCE FROM PROPU	BED*	16.	NO. OF ACRES IN LEASE		OF ACRES ASSIGNED		
LOCATION TO NEAREST PROPERTY OR LEASE L	INB, FT.	2744	9326.56			40	
(Also to nearest drig 18. DISTANCE FROM FROF	DRED LOCATION®	19.	PROPOSED DEPTH	20. ROT/	ARY OR CABLE TOOLS		
TO NEAREST WELL, DE OR APPLIED FOR, ON THE	I LEASE, FT.	842	3900'		Rota	WORK WILL START*	
21. ELEVATIONS (Show who	ther DF, RT, GR, etc.)	3319'					
						SAP	
23.		PROPOSED CASING A	ND CEMENTING PROGRA		pitan Controlled		
SIZE OF HOLE	SILE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	0.0	QUANTITY OF CEN		
<u>    12  1/4''                                 </u>	8 5/8"	24#	400'		- Circulate		
7 7/8"	<u> </u>	15.5#					
OPER. OGRID NO. 16696 PROPERTY NO. 14953 It is proposed to drill this well to a TD of 3900'.							
POOL CODE	POOL CODE 37240						
EFF. DATE	1.94					25 <u>22</u>	
APINO. 311-025-32591							
Accessed Subject to Control Conjections and Spectral Conjections Attacked See other side MSL-3405 MSL-3							
IN ABOVE SPACE DESCRIBE PROFOSED FROGRAM : If proposal is to deepen or plug back, give data on present productive sone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program is any.							
	BARNA	TITLE	Engineering Advi	sor	DATE6	13/94	
(This space for Federal or State office us)							
PERMIT NO.	nall IN NR	<u> </u>	APPROVAL DATE			-1990	
APPROVED B APPRO	UTT HUURA VAL. IF ANY :		-71120 MOV	D'YE	<u></u>		

## \*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Bit Program:	12-1/4" hole t 7-7/8" hole to	0 400' TD
BOP Program:	0 - 400' 400' - TD	None 3000# WP pipe and blind rams w/ 3000# WP annular preventer and choke manifold
Mud Program:	0 - 400'	Drill w/ a gel/lime slurry. Use paper to control seepage and for sweeps.
	400' - 3350'	Drill with 10# brine water. Circulate through the reserve pit to control solids. Use paper to control seepage and for sweeps.
	3350' - TD	Raise viscosity to 32-34 secs with salt gel. Reduce waterloss to < 15 cc's. Keep pH < 10.
Coring Program:		None planned
Logging Program:		GR-DLL-MSFL-caliper GR-CNL-lithodensity
 DST Program:		None planned
Casing Program:	Surface	0 - 400′ 8-5/8" 24 <b>#</b> K55 STC
	Production	0 - TD 5-1/2" 15.5# K55 STC (roughcoat 500')
Cement program	Surface	Lead 260 sx Cl C + 2 <b>% CaCl<sub>2</sub></b> + 1/4 pps cellophane flakes
	Production	Lead 660 sx Premium Plus w/15 pps salt + 1/4 pps cellophane flakes
		Tail 150 sx 50/50 Poz/Cl C + 2% gel + 3 pps KCl + .3% Halad- 9
		Calculate annular volume from caliper log and adjust volumes if necessary.
 Wellhead	8-5/8" 3000# 5-1/2" x 2-7 tubing head	WP Larken "Unistack" casing head 7/8" 3000# WP Larken "Unistack"
safety	breathing equ indicator, a alarm equipm contractor a	ing below 3000', protective aipment at 2 sites, wind direction and automatic $H_2S$ detection and ent shall be on location. All and company personnel shall be $_2S$ safety in accordance with TRC

- .

-

DISTRICT I P.O. Box 1980, Hobbs, 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

□ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

Property Eade         Well Number MYERS LANGLE MATTIX UNIT         Well Number 267           0680 Ne.         Operator Name OXY U.S.A. INC.         3319           UL or lut No.         Section 24 S         37 E         Peet from the formable         Feet from the formable         Section 190         Peet from the formable         Section 190         County           2         6         24 S         37 E         Int data for formable         Peet from the formable         Peet from the formable         Peet from the formable         Section 190         County           2         6         24 S         37 E         Int data for formable         Peet from the formable         Peet from the formable         Peet from the formable         Section         County           2         6         24 S         37 E         Int or infill         County         LeA           Dedicated Acrea         Joint or infill         Consetidation Code         Peet from the formable         Section         County         County           L0 <sup>1</sup> 2         L0 <sup>1</sup> 3         L0 <sup>1</sup> 2         L0 <sup>1</sup> 1         L0 <sup>1</sup> 1         County         Peet from the formable         Section         County           L0 <sup>1</sup> 2         L0 <sup>1</sup> 3         L0 <sup>1</sup> 2         L0 <sup>1</sup> 1         L0 <sup>1</sup> 1         L0 <sup>1</sup> 1         Peet form the formable	API	API Number			Pool Code		Pool Name				
OCRD No.         Operator Name         Envelop           OXY         U.S.A.         INC.         3319           Surface Location         Surface Location         1460         East/Vest line         County           2         6         24 S         37 E         Feet from the 190         NORTH         1460         East/Vest line         County           2         6         24 S         37 E         Feet from the 190         NORTH         1460         East/Vest line         County           2         6         24 S         37 E         Ist line         Feet from the 190         NORTH         1460         East/Vest line         County           2         6         24 S         37 E         Ist line         Feet from the NORTH         NORTH         East/West line         County           2         0         section         Township         Bange         Lat line         Feet from the NORTH         NORTH         East/Nest Line         County           2         0         ALOWABLE         WILL BE ASSIGNED TO THIS COMPLETION UNTH ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNT HAS BEEN APPROVED BY THE DIVISION         OPERATOR CERTIFICATION           10° 5         336.6 AC         336.6 AC         336.6 AC         336.6 AC	Property C	Code						/ LINHT			
Dulin No.         OXY         U.S.A.         INC.         3319'           Surface Location           Surface Location           Colspan="2">Surface Location           2         6         24.5         37.E         Lot Ian         Pet from the North/South line         Pet from the EAST         LEA           Bottom Hole Location If Different Prom Surface           UL or tot No.         Section         Township         Range         Lot Ian         Pet from the Sorth/South line         Pet from the East/West line         County           Dedicated Acres         Joint or Infill         Consultation Code         Order No.           NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARU UNT HAS BEEN APPROVED BY THE DIVISION           IOT 2         1007 1         Intro of A NON-STANDARU UNT HAS BEEN APPROVED BY THE DIVISION           IOT 3         IOT 2         1007 1         Intro of A NON-STANDARU UNT HAS BEEN APPROVED BY THE DIVISION           IOT 3         IOT 2         IOT 1         IOT 1           J37.55 AC.         33.65 AC.         33.65 AC.         33.65 AC. <td< td=""><td></td><td colspan="6"></td><td></td><td colspan="2"></td></td<>											
Surface Location       Surface Location       UL or lot No.     Section     Township     Range     Lot Ma     Peet from the North/South line     Peet from the LessT     County       2     6     24 S     37 E     190     NORTH     1460     EAST     U.G.       UL or lot No.     Section     Township     Range     Let Ma     Feet from the North/South line     Peet from the East/Feet line     County       UL or lot No.     Section     Township     Range     Let Jan     Feet from the North/South line     Peet from the East/Feet line     County       UL or lot No.     Section     Township     Range     Let Jan     Feet from the North/South line     Peet from the East/Feet line     County       Dedicated Acres     Joint or Infill     Counsultation Code     Order No.     No     Allowable     No     Allowable     No	OGRID No.				-						
UL or let No.       Section       Tornship       Range       Lot Idn       Peet from the 190       NoRTH       Peet from the 1460       East/West line       County LEA         Dottom Hole Location If Different From Surface         UL or tot No.       Section       Tornship       Paage       Lat Idn       Peet from the       North/South line       Peet from the       East/West line       County         Let ar tot No.       Section       Tornship       Paage       Lat Idn       Peet from the       North/South line       Peet from the       East/West line       County         Dedicated Acres       Joint or infill       Coastidation Code       Order No.       Order No.       County       County       Dedicated Acres       Joint or infill       Coastidation 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         107 4       .007 3       .007 2       .007 1       .007 1       Identify the the information termstering from the information terms termstering from the information terms termstering from the information termstering from the information termstering from the information termstering terms terms term and term term and term information terms term and term informatio			<u> </u>								9
00. 07. NO       Deck of 2       6       2/4       S       37       E       190       NORTH       1460       EAST       LEA         Bottom Hole Location If Different From Surface         UL or lot No.         Section Township Reage 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         107       007       107       107       1007       Interview Certification Francisco Acres with the information francisco Acres acres of the best of the information francisco Acres acres of the						Surfa	e Loc	ation			
Bottom Hole Location if Different From Surface       Bottom Hole Location if Different From Surface       UL or lot No.     Section     Tornship     Range     Lat lin     Pest from the     North/South line     Pest from the     East/West line     County       Dedicated Acres     Joint or Infill     Consultation Code     Order No.     Pest from the     East/West line     County       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     Image: County of the the the formation on an anomaly of the the the formation on an anomaly of the the the formation on anomaly or any house and omplits to the test of my housed are study of the test of	UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	m the	North/South line		1	
UL or fot No.       Section       Township       Pange       Lot Man       Feet from the       North/South line       Feet from the       East/West line       County         Dedicated Acres       Joint or Infill       Consolidation Code       Order No.       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         107 4       LOT 3       COT 2       1907       LOT 1       14607         107 4       LOT 3       COT 2       1907       LOT 1       14607         107 5       J9 80 AC       J9 65 AC       30 51 AC       Scott E. Gengler         107 5       J9 80 AC       J9 65 AC       J9 51 AC       Scott E. Gengler         107 6       J3 9 21       J3 7 07       J3 7 07       J3 9 20       J3 9 21       J3 9 21         107 6       J3 9 22       J3 9 21       J3 9 2	2	6	24 S	37 E		19	0	NORTH	1460	EAST	LEA
Up of (R. No.       Secure       Joint or Infill       Consolidation Code       Order No.         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 1 Average certify the the information contained Areris is true and complete to the over of my houridge and dwsf         107 4       Lof 3       Lof 2       1007         37.95 AC.       39.80 AC       39.65 AC       39.51 AC         107 5       33.19.2       33.17.6"       39.51 AC         107 6       33.19.2       33.12.7.6"       Image Advisor         1107 6       107 6       107.6       SURVEYOR CERTIFICATION         107 6       107.6       10.7.6       10.7.6         107 7       10.7.6       10.7.6       10.7.6         107 7       10.7.6       10.7.6       10.7.6         107 7       10.7.6       10.7.6       10.7.6         107 7       10.7.6       10.7.6       10.7.6         107 7       10.7.6       10.7.6       10.7.6         107 7       10.6.6       10.7.6       10.7.6         107 7       10.7.6       10.7.6       10.7.6 </td <td></td> <td></td> <td>.<u>I</u></td> <td>Bottom</td> <td>Hole Loo</td> <td>cation 1</td> <td>f Diff</td> <td>erent From Sur</td> <td>face</td> <td></td> <td></td>			. <u>I</u>	Bottom	Hole Loo	cation 1	f Diff	erent From Sur	face		
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         IOT 4       OPERATOR CERTIFICATION I hereby certify the information centratic Avenue in the and cemplete to the best of my humiledge and dear 39.65 AC.         37.95 AC.       39.50 AC.       39.65 AC.       39.51 AC.         LOT 5       33.19 gr 117.67 332.12 - 3322.31       OPERATOR CERTIFICATION I hereby certify the information centratic Avenue in the and cemplete to the best of my humiledge and dear Frinted Name Englineering Advisor Title May 26, 1994 Date         38.04 AC.       SURVEYOR CERTIFICATION I Arreby certify that the well location shown on the plat was plotted from field notes of registration and cemplete Signature & Seal of Printed Name Englineering Advisor Title May 26, 1994 Date         38.08 AC.       JB.04 AC.       JB.04 AC.         LOT 7       JB.04 AC.       JB.04 AC.	UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	om the	North/South line	Feet from the	East/West line	County
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         IOT 4       OPERATOR CERTIFICATION I hereby certify the information centratic Avenue in the and cemplete to the best of my humiledge and dear 39.65 AC.         37.95 AC.       39.50 AC.       39.65 AC.       39.51 AC.         LOT 5       33.19 gr 117.67 332.12 - 3322.31       OPERATOR CERTIFICATION I hereby certify the information centratic Avenue in the and cemplete to the best of my humiledge and dear Frinted Name Englineering Advisor Title May 26, 1994 Date         38.04 AC.       SURVEYOR CERTIFICATION I Arreby certify that the well location shown on the plat was plotted from field notes of registration and cemplete Signature & Seal of Printed Name Englineering Advisor Title May 26, 1994 Date         38.08 AC.       JB.04 AC.       JB.04 AC.         LOT 7       JB.04 AC.       JB.04 AC.						dan Na					L
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION       LOT 4     LOT 3     LOT 1     LOT 1       37.95 AC.     39.80 AC.     39.65 AC     39.51 AC.       LOT 5     33.19.92     33.17.6       LOT 6     33.19.92     33.12.2       JB 04 AC.     33.01.2     33.21.2       LOT 6     33.01.2     33.22.3	Dedicated Acres	s Joint c	or Infill Co	onsolidation (	Code Or	der No.					
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION       LOT 4     LOT 3     LOT 1     LOT 1       37.95 AC.     39.80 AC.     39.65 AC     39.51 AC.       LOT 5     33.19.92     33.17.6       LOT 6     33.19.92     33.12.2       JB 04 AC.     33.01.2     33.21.2       LOT 6     33.01.2     33.22.3	L		l						POTO HAVE DI	TEN CONSOLID	ATED
LOT 4 LOT 3 LOT 2 190 LOT 1 1480 OPERATOR CERTIFICATION I haraby certify the the information contained herein is true and complete to the best of mit hereitige and other and a second distribution contained herein is true and complete to the best of mit hereitige and other and a second distribution contained herein is true and complete to the best of mit hereitige and other and a second distribution contained herein is true and complete to the best of mit hereitige and other and a second distribution contained herein is true and complete to the best of mit hereitige and other and a second distribution and a second distribution and a second distribution shown on the plate was political function field noises of actual surveys made by me or under my surveys on a set of true and correct to the base of my belay APRIL 14, 1994 Date APRIL 100, 100 APRIL 100 AP	NO ALLO	WABLE W	WILL BE A	SSIGNED '	TO THIS	COMPLE	TION BEEN	UNTIL ALL INTER	ESTS HAVE BI	LEN CONSULID	AILD
DERIFICATION       THEOR       THEOR <t< td=""><td>r</td><td></td><td>UKAI</td><td></td><td>DAILD OF</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	r		UKAI		DAILD OF						
37.95 AC.       39.80 AC.       39.65 AC.       39.51 AC.         L07 5       39.80 AC.       39.65 AC.       39.51 AC.         L07 5       33.19 gr	LOT 4	T	LOT 3		LOT 2	19	۳Ţ		OPERATOR CERTIFICATION		
37.95 AC.     39.80 AC.     39.65 AC     39.51 AC.       LOT 5     33.9.923117.6*     Scott E. Gengler       107 5     33.9.2* .3117.6*     May 26, 1994       38.04 AC.     33.21.2* .3320.3*     SURVEYOR CERTIFICATION       LOT 6     SURVEYOR CERTIFICATION       107 6     Arrow certify that the well location shown on this plated from field notes of actual surveys made by me or under my supervision, and that the ame is irre and correct is the best of my belief       38.08 AC.     JB.08 AC.       LOT 7     JB.09 AC.							N		I hereb	y certify the the in	formation
37.95 AC.       39.80 AC.       39.65 AC       39.51 AC.         L07 5       33.19.92       3317.6       Scott E. Gengler         38.04 AC.       0       3321.2       3325.3         38.04 AC.       0       3321.2       3325.3         38.08 AC.       0       0       0         107 6       0       0       0         107 6       0       0       0         38.08 AC.       0       0       0         107 7       0       0       0         107 7       0       0       0         38.08 AC.       0       0       0         107 7       0       0       0         107 7       0       0       0         38.08 AC.       0       0       0         107 7       0       0       0         38.08 AC.       0       0       0         107 7       0       0       0       0         38.08 AC.       0       0       0       0         107 7       0       0       0       0         38.09 AC.       0       0       0       0         38.09 AC.		l	contained herein is true and complete to						lete to the		
37.95 AC.       39.80 AC.       39.65 AC       39.51 AC.         LOT 5       33.19.0. 317.6'       Frinted Name         38.04 AC.       10       3321.2 3320.3'         38.04 AC.       SURVEYOR CERTIFICATION         LOT 6       Very Status         38.08 AC.       Superior of the same is true and correct to the bast of my belief         38.08 AC.       AC.         LOT 7       Superior of the same is true and correct to the bast of my belief         38.08 AC.       Superior of the same is true and correct to the bast of my belief         JB.10 AC.       JB.10 AC.		best of my knowledge and official									
37.95 AC.       39.80 AC.       39.65 AC       39.51 AC.         LOT 5       33.19.0. 317.6'       Frinted Name         38.04 AC.       10       3321.2 3320.3'         38.04 AC.       SURVEYOR CERTIFICATION         LOT 6       Very Status         38.08 AC.       Superior of the same is true and correct to the bast of my belief         38.08 AC.       AC.         LOT 7       Superior of the same is true and correct to the bast of my belief         38.08 AC.       Superior of the same is true and correct to the bast of my belief         JB.10 AC.       JB.10 AC.		1				Å	Ē	1	1 Ann	nla	$\Lambda$
LOT 5 LOT 5 LOT 5 JS.04 AC. LOT 6 JS.08 AC. LOT 6 JS.08 AC. LOT 7 JS.08 AC. LOT 7 JS.08 AC. LOT 7 JS.08 AC. LOT 7 JS.08 AC. LOT 7 JS.08 AC. LOT 7 JS.08 AC. JS.08 AC. LOT 7 JS.08 AC. JS.09 AC. JS.00 AC. JS.0		1			1					ZMU	54
LOT 5 LOT 5 JB 04 AC. LOT 6 JB 04 AC. LOT 6 JB 06 AC. LOT 7 LOT	37.95 AC	c. I	Signature				101				
Thirde Name       3319.92       3319.92       3319.92       3319.92       3319.92       3319.92       3319.92       3319.92       3319.92       3321.27       3321.27       3320.37       SURVEYOR CERTIFICATION       I Aereby certify that the well location shown on this plate 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       38.08 AC.       LOT 7       LOT 7       Job Num						1		1	11		
Title       May 26, 1994       Jate       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 beltef.       JBLOB AC.       LOT 7       Jate       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 beltef.       JBLOB AC.       John W. HEST. 676	LUIS	1			3319.9'3317.6'		, X /1		Engineering Advisor		
38.04 AC.       May 26, 1994         3321.2'       3320.3'         LOT 6       I hereby certify that the well location shown on this plat was plotted from field notes of actual sorvers made by me or under my supervision and that the same is true and cerrect to the best of my belief         38.08 AC.       APRIL: 14, 1994         38.08 AC.       Signature & Seal of Professional Surveyor         VD.       Number 94-11-0462         Certificate Na.       OHM W. WEST.       676         38.10 AC.       State Na.       OHM W. WEST.       676         38.10 AC.       State Na.       OHM W. WEST.       676		1									
Jate       Jate       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.       38.08 AC.     APRIL: 14, 1994       JB.08 AC.     Signature & Seal of Professional Surveyor       LOT 7     Mathematical Surveyor       JB.10 AC.     JB.10 AC.		1				0	11	,		1994	
LOT 6 LOT 6 38.08 AC. LOT 7 LOT 6 38.10 AC. LOT 6 LOT 6 LOT 6 LOT 6 LOT 7 LOT 7		1			3321.2						
LOT 6 LOT 6 38.08 AC. LOT 7 LOT 6 38.10 AC. LOT 6 LOT 6 LOT 6 LOT 6 LOT 7 LOT 7	38.04 A	C. 1					i		CUDVEY		TION
LOT 6 LOT 6 actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief APRIL 14, 1994 Date Surveyed Signature & Seal of Professional Surveyor W.D. Nurv. 94-11-0462 W.D. Nurv. 94-11-0462 Certificate Na. RONALD of EIDSON, 3239			, 		ļ					JK CERTIFICA	non
38.08 AC. LOT 7 LOT 7 38.10 AC. 38.10 AC. 38.10 AC.	LOT 6						Ì				
38.08 AC. LOT 7 LOT 7 38.10 AC. 38.10 AC. 38.10 AC. Correct to the best of my belief. APRIL 14, 1994 Signature & Seal of Professional Surveyor W.D. NUT:-94-11-0462 Certificate Ne. JOHN W. WEST. 676 RONALD J. FEIDSON, 3239	101 0						1		11		•
38.08 AC. LOT 7 LOT 7 38.10 AC. APRIL 14, 1994 Date Surreyed Signature & Seal of Professional Surveyor W.D. Num: 94-11-0462 Certificate Ne. JOHN W. WEST. 676 RONALD EIDSON, 3239			1		1		1				
38.08 AC. LOT 7 LOT 7 Bate Surveyor Professional Surveyor W.D. Nurr -94-11-0462 Certificate Ne. JOHN W. WEST. 676 Certificate Ne. JOHN W. WEST. 676 38.10 AC.	[]		ł				ł		Correct to th	ыс онзь ој тњу 048434	ij.
LOT 7 LOT 7 Signature & Seal of Professional Surveyor W.D. Nurr -94-11-0462 Certificate Ne. JOHN W. WEST. 676 S8.10 AC.	11		I				ł		AP	RIL-14, 1994	
LOT 7 Professional Surveyor W.D. Nurr-94-1-0462 Certificate Ne. JOHN W. WEST. 676 S8.10 AC.	38.08 AC	c. I	ł				ł		Date Survey	ed	
W.D. NUM: -94-11-0462 W.D. NUM: -94-11-0462 Certificate Ne. JOHN W. WEST. 676 RONALD. J. EIDSON, 3239				· ·	+		+				
W.D. NUR: 94-11-0462 Certificate No. John W. WEST. 676 38.10 AC.		1	1				I		K Z /		
W.D. NUR: 94-11-0462 Certificate No. John W. WEST. 676 38.10 AC.			1							ULL	10-
Certificate Ne. JOHN W. WEST. 676 38.10 AC. RONALD J. EIDSON, 3239		1	1						1 Jan	$\gamma \sim 1c$	
38.10 AC.	]]		ł				ļ		W.D. W		
38.10 AC. GARY L. JONES, 7977			ļ				1		Certificate	JOHN W. WE	ST, 676
	38.10 AC	C.	1		1		ļ		**	GARY L. JON	ES. 7977





OXY USA INC. Box 50250, Midland, TX 79710

May 26, 1994

United States Department of the Interior Bureau of Land Management Carlsbad Resource Area P.O. Drawer 1778 Carlsbad, New Mexico 88220

Re: Application for Permit to Drill OXY USA Inc. Myers Langlie Mattix Unit #267 Lea County, New Mexico Lease No. NM-7488

Gentlemen:

OXY USA Inc. respectfully requests permission to drill our Myers Langlie Mattix Unit #267, located 190' from the north line and 1460' from the east line of Section 6, T-24-S, R-37-E, Lea County, New Mexico, Federal Lease No. NM-7488.

The location and work area have been staked. It is approximately 11 miles south of Eunice, New Mexico.

In accordance with requirements stipulated in Federal Onshore Oil and Gas Order No. 1 under 43 CFR 3162.1, our Application for Permission to Drill and supporting evidence is hereby submitted.

- I. Application for Permit to Drill:
  - 1. Form 3160.3, Application for Permit to Drill.
  - 2. Form C-102 Location and Acreage Dedication Plat certified by Gary L. Jones, Registered Land Surveyor No. 7977 in the State of New Mexico, dated April 14, 1994. Exhibit attached.
  - 3. The elevation of the unprepared ground is 3319 feet above sea level.
  - 4. The geologic name of the surface formation is Tertiary Ogallala.
  - 5. Rotary drilling equipment will be utilized to drill the well to TD 3,900' and run casing. This equipment will then be rigged down and the well will be completed with a pulling unit.

Application for Permit to Drill Myers Langlie Mattix Unit #267

<u>Paqe 2</u>

- 6. Proposed total depth is 3,900 feet.
- 7. Estimated tops of important geologic markers.

Anhydrite	1160'
Yates	2950'
Seven Rivers	3220'
Queen	3450'
Penrose	3620'
Total Depth	3900'

8. Estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered:

Primary Objective: Queen 3450'

9. The proposed casing program is as follows:

Surface:	8-5/8" OD	24# K55 ST&C new casing
Production:	5-1/2" OD	15.5# K55 ST&C new casing

- 10. Casing setting depth and cementing program:
  - A. 8-5/8" OD surface casing set at 400' in 12-1/4" hole. Circulate cement with 260 sacks Class C + 2% CaCl<sub>2</sub> + 0.25 lb/sk cellophane flakes. If cement does not circulate, determine the top of cement by temperature survey then finish cementing to the surface through 1" in the annulus using Class "C" with 2% CaCl<sub>2</sub>.
  - B. 5-1/2" OD production casing set @ 3900' in 7-7/8" hole. Circulate Cement with 660 sacks Class C Light + 15 lb/sk salt + 0.25 lb/sk cellophane flakes followed by 150 sx 50/50 Poz/ Class H w/ 2% gel + 3 lb/sk KCl + 0.3% Halad 9.
    - Note: Cement volumes may need to be adjusted to hole caliper.



UU CA PA

0 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 -200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 Application for Permit to Drill Myers Langlie Mattix Unit #267

Page 3

- 11. Pressure Control Equipment
  - 0'- 400' None
  - 400' 3900' 10" 3000# ram type preventers with one set blind rams and one set pipe rams and a remote operating station. See attached exhibit.

A kelly cock will be installed and maintained in operable condition and a drill string safety valve in the open position will be available on the rig floor.

After setting the 8-5/8" casing, the blowout preventers and related control equipment shall be pressure tested to rated working pressures. Any equipment failing to test satisfactorily shall be repaired or replaced. The BOPs will be maintained ready for use until drilling operations are completed.

BOP drills will be conducted as necessary to assure that equipment is operational and each crew is properly trained to carry out emergency duties.

Accumulator shall maintain a pressure capacity reserve at all times to provide for the close-open-close sequence of the blind and pipe rams of the hydraulic preventers.

- 12. Mud Program:
  - 0' 400' Fresh water spud mud. Using lime to control pH (9 to 10). Paper for seepage. Vis 32-34 sec.
  - 400' 3350' Brine water. Wt. 10-10.1 ppg, vis 28-29 sec, pH 9.5-10 with lime. Paper for seepage control.



Street Contraction

OFFICE

Application for Permit to Drill Myers Langlie Mattix Unit #267

Page 4

- 3350' 3900' Mud up with salt gel system using gel for viscosity, starch for water loss, and caustic soda/soda ash for pH control to the following characteristics: Wt. 10.0 - 10.1, vis 32-34 secs, pH 10 -10.5 WL < 15 cc's.
- 13. Testing, Logging and Coring Program:
  - A. Testing program: None
  - B. Mud logging program: None
  - C. Electric logging program: CNL-LDT-GR DLL-MSFL-Cal-GR
  - D. Coring program: No cores planned.
- 14. No abnormal temperatures or H<sub>2</sub>S gas are anticipated.
- 15. Anticipated starting date is one week after this application is approved by the Bureau of Land Management. It should take approximately 5 days to drill the well and another 7-10 days to complete.
- 16. The Multi-Point Surface Use & Operation Plan is attached.
- 17. If the Bureau of Land Management needs additional information to evaluate this application, please advise.

Very truly yours,

Scott E. Gengler ( Engineering Advisor Western Region

SEG/seg

Attachments

RELEVED

JUL 2 C Pra

OFFICE

りあってとり 

.

.