

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-10
Revised October 18, 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

1 Operator name and Address OXY USA WTP Limited Partnership P.O. Box 50250 Midland, TX 79710-0250		2 OGRID Number 192463	
3 API Number 30-0 15-31930		6 Well No. 1	
4 Property Code 28572	5 Property Name OXY Woolf State		

7 Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
I	2	18S	24E		1980	south	660	east	Eddy

8 Proposed 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

9 Proposed Pool 1 Undesignated Richard Knob Atoka Morrow	10 Proposed Pool 2 83840
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11 Work Type Code N	12 Well Type Code G	13 Cable/Rotary R	14 Lease Type Code S V-4933-1	15 Ground Level Elevation 3687'
16 Multiple No	17 Proposed Depth 8400'	18 Formation Morrow	19 Contractor UTI	20 Spud Date 8/8/01

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	400'	360sx	surface-circulate
11"	8-5/8"	32# @ 110c'	1450'	500sx	surface-circulate
7-7/8"	5-1/2"	17#	8400'	575sx	Est. TOC-4500'

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

NOTIFY OCD SPUD & TIME TO WITNESS
CEMENTING OF 8 5/8" CASING STRING

SEE OTHER SIDE

R-5460 Special Pool Rules

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: David Stewart

Title: Sr. Regulatory Analyst

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. CUM
DISTRICT II SUPERVISOR

Title:

Approval Date: AUG 06 2001 Expiration Date: AUG 06 2002

OXY Woof State #1
1980 FSL 660 FEL I SEC 2 T18S R24E Eddy County, NM
STATE LEASE NO. V-4933-1

PROPOSED TD: 8400' TVD

BOP PROGRAM: 0' - 400' None

400' - 1450' 11" 5M blind and pipe rams with 5M annular preventer.

1450' - 8400' 11" 5M blind pipe rams with 5M annular preventer and rotating head below 4800'.

CASING: Surface: 13-3/8" OD 48# H40 ST&C new casing set at 400' 17-1/2" hole

Intermediate: 8-5/8" OD 32# K55 ST&C new casing from 0-1300' 11" hole

Production: 5-1/2" OD 17# N80 LT&C new casing from 0-8400' 7-7/8" hole

CEMENT: Surface - Circulate cement with 160sx 35:65 POZ/C with 6% Bentonite + 2% CaCl₂ + .25#/sx Cello-Seal followed by 200sx Cl C with 2% CaCl₂.

Intermediate - Circulate cement with 300sx 35:65 POZ/C with 6% Bentonite + 2% CaCl₂ + .25#/sx Cello-Seal followed by 200sx Cl C with 2% CaCl₂.

Production - Cement with 500sx 15:61:11 POZ/C/CSE with .5% FL-52 + .5% FL-25 + 8#/sx Gilsonite followed by 75sx Cl C with .7% FL-25.

Estimated top of cement is 4500'.

Note: Cement volumes may need to be adjusted to hole caliper.

MUD: 0 - 400' Fresh water/native mud. Lime for pH control (9-10). Paper for seepage. Wt 8.7-9.2 ppg, Vis 32-34 sec

400' - 1450' Fresh/*Brine water. Lime for pH control (10.0-10.5). Paper for seepage. Wt 8.3-9.0/10.0-10.1ppg, Vis 28-29 sec
*Fresh water will be used unless chlorides in the mud system increases to 20000ppm.

1300' - 4800' Fresh water. Lime for pH control (9-9.5). Paper for seepage. Wt 8.3-8.5 ppg, Vis 28-29 sec

4800' - 7000' Cut brine. Lime for pH control (10-10.5). Wt 9.6-10.0 ppg, Vis 28-29sec

7000' - 8400' Mud up with an Duo Vis/Flo Trol mud system. Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc