District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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	[2] OGRID Number
Occidental Permian Limited Partnership P.O. Box 50250 Midland, TX 79710-0250	157984
	[3] API Number 30 – 015 - 31635

[3] Property Code	[5] Property Name	[6] Well No.
27533	OPL GOE State	1

[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
P	36	17S	30E		660	South	860	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	[10] Proposed Pool 2
Undesignated Cedar Lake Morrow 74560	

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
N	G	R	S - V-4282	3594'
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
No	11900'	Morrow	UTI	3/19/01

[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#	625'	550	Surface
12-1/4"	9-5/8"	36#	4000'	1000	Surface
8-3/4"	5-1/2"	17#	11900'	850	EST TOC 7800'

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.

SEE OTHER SIDE

CEMENT TO COVER ALL OIL, GAS & WATER BEARING ZONES

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

Signature: David Stewart

Printed name: David Stewart

Title: Regulatory Analyst

Date: 2/28/01 Phone: 915-685-5717

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR

Title:

Approval Date: MAR – 5 2001 Expiration Date: MAR – 5 2002

Conditions of Approval:

Attached ☐

OPL GOE State #1
660 FSL 860 FEL SEC 36 T17S R30E Eddy County, NM
State Lease No.

PROPOSED TD: 11900' TVD

BOP PROGRAM:

0' - 625'	None
625' - 4000'	13-3/8" 3M annular preventer.
4500' - 11900'	11" 5M blind pipe rams with 5M annular preventer and rotating head below 8500'.

CASING:

Surface:	13-3/8" OD 48# H40 ST&C new casing set at 625' 17-1/2" hole
Intermediate:	9-5/8" OD 36# K55 ST&C new casing from 0-4000' 12-1/4" hole
Production:	5-1/2" OD 17# N80-S95 LT&C new casing from 0-12400' N80-8800' S95-3600' - 8-3/4" hole

CEMENT:

Surface - Circulate cement with 350sx 35:65 POZ/C with 6% Bentonite + 2% $CaCl_2$ + .25#/sx Cello-Seal followed by 200sx Cl C with 2% $CaCl_2$.

Intermediate - Circulate cement with 800sx 35:65 POZ/C with 6% Bentonite + 2% $CaCl_2$ + .25#/sx Cello-Seal followed by 200sx Cl C with 2% $CaCl_2$.

Production - Cement with 750sx 15:61:11 POZ/C/CSE with .5% FL-52 + .5% FL-25 + 8#/sx Gilsonite followed by 100sx Cl C with .7% FL-25. Estimated top of cement is 7800'.

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

MUD:

0 - 625'	Fresh water/native mud. Lime for pH control (9-10). Paper for seepage. Wt 8.7-9.2 ppg, Vis 32-34 sec
625' - 4000'	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.
4000' - 7900'	Fresh water. Lime for pH control(9-9.5). Paper for seepage. Wt 8.3-8.5 ppg, Vis 28-29 sec
7900' - 10000'	Cut brine. Lime for pH control (10-10.5). Wt 9.6-10.0 ppg, Vis 28-29sec
10000' - 11900'	Mud up with an Duo Vis/Flo Trol mud system. Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc