

OCD-ARTESIA

Form 3160-3
(July 1992)SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL ☒ DEEPEN ☐

b. TYPE OF WELL
 OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
 OXY USA WTP Limited Partnership 192463 192463

3. ADDRESS AND TELEPHONE NO.
 P.O. Box 50250 Midland, TX 79710-0250 915-685-5717

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1335 FSL 760 FEL NESE (I) Undes.
 At proposed prod. zone Cedar Lake Morrow North

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 7 miles northeast of Loco Hills, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 760

16. NO. OF ACRES IN LEASE
 320

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 N/A

19. PROPOSED DEPTH
 12400'

20. ROTARY OR CABLE TOOLS
 R

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3754'

22. APPROX. DATE WORK WILL START*
 5/1/01

5. LEASE DESIGNATION AND SERIAL NO.
 NMLC029395B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 28091

8. FARM OR LEASE NAME, WELL NO. #1
 OXY Rocky Road Federal

9. API WELL NO.
 30-015- 31818

10. FIELD AND POOL, OR WILDCAT
 Undesignated Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec 20 T17S R31E

12. COUNTY OR PARISH
 Eddy

13. STATE
 NM

23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
17-1/2"	13-3/8" H40	48#	625' 400'	500sx - Circulate	WITNESS
12-1/4"	9-5/8" K55	36#	4500'	1005sx - Circulate	
8-3/4"	5-1/2" N80-S95	17#	12400'	1025sx - Circulate	

SEE OTHER SIDE

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone 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, if any.

24. SIGNED David Stewart TITLE Regulatory Analyst DATE 3/12/01

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon
CONDITIONS OF APPROVAL, IF ANY:APPROVED BY /S/ JOE G. LARA TITLE Acting FIELD MANAGER DATE JUN 01 2001

*See Instructions On Reverse Side

APPROVAL FOR 1 YEAR

OXY Rocky Road Federal #1
1335 FSL 760 FEL SEC 20 T17S R31E Eddy County, NM
Federal Lease No. NMLC029395B

PROPOSED TD: 12400' TVD

BOP PROGRAM: 0' - 625' None

625' - 4500' 13-3/8" 3M annular preventer, to be used as
divertor only.

4500' - 12400' 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'

Intermediate: 9-5/8" OD 36# K55 ST&C new casing from 0-4500'

Production: 5-1/2" OD 17# N80-S95 LT&C new casing from 0-12400'
N80-8800' S95-3600'

CEMENT: Surface - Circulate cement with 350sx 35:65 POZ/C with 6% Bentonite
+ 2% CaCl₂ + .25#/sx Cello-Seal followed by 150sx Cl C with 2% CaCl₂.

Intermediate - Circulate cement with 840sx 35:65 POZ/C with 6%
Bentonite + 2% CaCl₂ + .25#/sx Cello-Seal followed by 165sx Cl C
with 2% CaCl₂.

Production - Cement with 925sx 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 8000'.

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' - 4500' 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.

4500' - 9500' Fresh water. Lime for pH control(9-9.5).
Paper for seepage.
Wt 8.3-8.5 ppg, Vis 28-29 sec

9500' - 11000' Cut brine. Lime for pH control (10-10.5).
Wt 9.6-10.0 ppg, Vis 28-29sec

11000' - 12400' Mud up with an Duo Vis/Flo Trol mud system.
Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc