

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N. M. OIL & GAS

SUBMIT IN 1  
(Other instructions on  
reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

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 Inc.

16696

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

660 FNL 1650 FEL NWNE (B)

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

12 miles southeast from Artesia, NM

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660'

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

10200'

20. ROTARY OR CABLE TOOLS

R

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

3629'

22. APPROX. DATE WORK WILL START\*

11/1/99

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#	400'	WITNESS 0sx - Circulate
11"	8-5/8" K55	24#	2100'	515sx - Circulate
7-7/8"	4-1/2" N80	11.6#	10200'	825sx - EST TOC 6000'

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

TITLE

DAVID STEWART  
REGULATORY ANALYST

DATE

9/20/99

(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:

(ORIG. SGD.) ARMANDO A. LOPEZ

Assistant Field Office Manager,  
Lands and Minerals

NOV 10 1999

APPROVED BY

TITLE

DATE

\*See Instructions On Reverse Side

ATTACHMENT 3160-3  
OXY USA Inc.  
OXY Grandslam Federal #1  
SEC 20 T17S R28E  
Eddy County, NM

PROPOSED TD: 10200' TVD

BOP PROGRAM: 0' - 400' None

400' - 2100' 13-3/8" 5M blind and pipe rams with 5M annular preventer.

2100' - 10200' 13-3/8" 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 400'

Intermediate: 8-5/8" OD 24# K55 ST&C new casing from 0-2100'

Production: 4-1/2" OD 11.6# N80 LT&C new casing from 0-10200'

CEMENT: Surface - Circulate cement with 160sx 35:65 POZ/C with 6% Bentonite + 2%  $\text{CaCl}_2$  + .25#/sx Cello-Seal followed by 200sx Cl C with 2%  $\text{CaCl}_2$ .

Intermediate - Circulate cement with 315sx 35:65 POZ/C with 6% Bentonite + 2%  $\text{CaCl}_2$  + .25#/sx Cello-Seal + 5#/sx Gilsonite followed by 200sx Cl C with 2%  $\text{CaCl}_2$ .

Production - Cement with 750sx 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 6000'.

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' - 2100' 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

2100' - 6900' Fresh water. Lime for pH control (9-9.5). Paper for seepage. Wt 8.3-8.5 ppg, Vis 28-29 sec

6900' - 9300' Cut brine. Lime for pH control (10-10.5). Wt 9.6-10.0 ppg, Vis 28-29sec

9300' - 10200' Mud up with an Duo Vis/Flo Trol mud system. Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc

RECEIVED

22 '96

BLK. 203WELL

<div style="text-align: center;"> </div>	<div style="text-align: center;"> <h3>OPERATOR CERTIFICATION</h3> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <div style="text-align: right;"> <div style="border-bottom: 1px solid black; width: 100%;"></div> </div> <p>Signature</p> <p>David Stewart</p> <p>Printed Name</p> <p>Regulatory Analyst</p> <p>Title</p> <p style="text-align: right;">9/21/99</p> <p>Date</p> </div>
<div style="text-align: center;"> <h3>SURVEYOR CERTIFICATION</h3> <p>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.</p> <p style="text-align: right;">May 19, 1999</p> <p>Date Surveyed</p> <div style="text-align: right;"> <div style="border-bottom: 1px solid black; width: 100%;"></div> </div> <p>Signature &amp; Seal of Professional Surveyor</p> <div style="text-align: right;"> <div style="border-bottom: 1px solid black; width: 100%;"></div> </div> <p>W.Q. No. 9182A</p> <p>Certificate No. Gary L. Jones 7977</p> <p style="text-align: right;">DRAIN SURVEYS</p> </div>	<div style="text-align: center;"> <h3>SURVEYOR CERTIFICATION</h3> <p>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.</p> <p style="text-align: right;">May 19, 1999</p> <p>Date Surveyed</p> <div style="text-align: right;"> <div style="border-bottom: 1px solid black; width: 100%;"></div> </div> <p>Signature &amp; Seal of Professional Surveyor</p> <div style="text-align: right;"> <div style="border-bottom: 1px solid black; width: 100%;"></div> </div> <p>W.Q. No. 9182A</p> <p>Certificate No. Gary L. Jones 7977</p> <p style="text-align: right;">DRAIN SURVEYS</p> </div>

# BLOWOUT PREVENTOR SCHEME

EXHIBIT A

