

UNITED 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

Occidental Permian Limited Partnership

157984

## 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

1830 FNL 660 FEL SENE(H)

At proposed prod. zone

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

7 miles northeast from Jal, 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

1000

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

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

1170'

## 19. PROPOSED DEPTH

6500'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3231'

## 22. APPROX. DATE WORK WILL START\*

9/30/00

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	15-3/8" H40	48#	300'	1905x - Circulate
11"	8-5/8" K55	32#	1100'	725sx - Circulate
7-7/8"	5-1/2" L80	17#	6500'	1315sx - Circulate

See other side

SEE ATTACHED SUNDRY

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

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.

SIGNED

TITLE

David Stewart  
Regulatory Analyst

DATE

8/25/00

(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

TITLE

DATE

\*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.

South Mattix Unit Federal  
Sec 15-22 T24S R37E  
Federal Lease No.  
Unit No. NM-71037X

PROPOSED TD: 6500' TVD

BOP PROGRAM: 0' - 300' None

300' - 1100' 11" 5M blind and pipe rams with 5M annular preventer.

1100' - 6500' 11" 5M blind pipe rams with 5M annular preventer and rotating head below 5300'.

CASING: Surface: 13-3/8" OD 48# H40 ST&C new casing set at 300' 17-1/2" hole

Intermediate: 8-5/8" OD 32# K55 ST&C new casing from 0-1100' 11" hole

Production: 5-1/2" OD 17# L80 LT&C new casing from 0-6500' 7-7/8" hole - DV Tool @ 3500'

CEMENT: Surface - Circulate cement with 390sx Premium Plus Cement with 2%  $\text{CaCl}_2$ .

Intermediate - Circulate cement with 525sx Premium Plus Cement with 4% Gel + 2%  $\text{CaCl}_2$  + .25#/sx Flocele followed by 200sx Premium Plus Cement with 2%  $\text{CaCl}_2$  + .25#/sx Flocele

Production - Circulate cement with

1<sup>st</sup> stage-285sx Interfill C cement followed by 395sx Premium Plus Cement with .3% CFR-3 + .3% D-AIR-1 + .4% LAP-1.

2<sup>nd</sup> stage-240sx Interfill C cement followed by 395sx Premium Plus Cement with 2%  $\text{CaCl}_2$ .

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

MUD: 0 - 300' Fresh water/native mud. Lime for pH control (9-10). Paper for seepage. Wt 8.7-9.2 ppg, Vis 32-34 sec

300' - 1100' 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.

1100' - 6500' Brine Water (10.0). Starch for shales. Paper for seepage. Vis 28-32sec. WL 10-15cc.