

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(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 <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM71037X - NM0321613	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME South Mattix Unit Federal	
2. NAME OF OPERATOR Occidental Permian Limited Partnership		7. UNIT AGREEMENT NAME South Mattix Unit Federal	
3. ADDRESS AND TELEPHONE NO. P.O. Box 50250 Midland, TX 79710-0250 915-685-5717		8. FARM OR LEASE NAME WELL NO. 45	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2005 FSL 1650 FEL NWSE (J) At proposed prod. zone		9. API WELL NO. 30-025-35292	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7 miles northeast from Jal, NM		10. FIELD AND POOL, OR WILDCAT Fowler Drinkard	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1650'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 15 T24S R37E	
16. NO. OF ACRES IN LEASE 1000		12. COUNTY OR PARISH Lea	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1004'		20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 6500'		22. APPROX. DATE WORK WILL START* 9/5/00	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3238'			

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#	300'	390sx - Circulate
11"	8-5/8" K55	32#	WITNESS	725sx - Circulate
7-7/8"	5-1/2" L80	17#	6500'	1315sx - Circulate

CAPTAN CONTROLLED WATER BASIN

See other side

OPER. OGRID NO. 157984
PROPERTY NO. 19582
POOL CODE 26220
EFF. DATE 12-7-00
API NO. 30-025-35292

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

David Stewart

TITLE Regulatory Analyst

DATE

8/8/00

(This space for Federal or State office use)

ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT SUPERVISOR

APPROVAL DATE

DEC 07 2000

PERMIT NO.

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:

Acting Assistant Field Manager,
Lands And Minerals

APPROVED BY

TITLE

DATE

DEC 6 2000

*See Instructions On Reverse Side

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% CaCl_2 .

Intermediate - Circulate cement with 525sx Premium Plus Cement with 4% Gel + 2% CaCl_2 + .25#/sx Flocele followed by 200sx Premium Plus Cement with 2% CaCl_2 + .25#/sx Flocele

Production - Circulate cement with
1st stage-285sx Interfill C cement followed by 395sx Premium Plus Cement with .3% CFR-3 + .3% D-AIR-1 + .4% LAP-1.
2nd stage-240sx Interfill C cement followed by 395sx Premium Plus Cement with 2% 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 8.3-9.0/10.0-10.1 ppg, 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.

