

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(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 <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-35164	
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	
2. NAME OF OPERATOR Patterson Petroleum, Inc. 141928		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Drawer 1416, Snyder, TX 79550 (915) 570-4013		8. FARM OR LEASE NAME, WELL NO. Newkumet Federal #1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2310' FNL & 720' FEL At proposed prod. zone Same Unit H		9. API WELL NO.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 26 miles west of Jal, New Mexico		10. FIELD AND POOL, OR WILDCAT Antelope Ridge (Cherry Canyon)	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 600'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 10, T23S, R34E	
16. NO. OF ACRES IN LEASE 120		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. N/A		19. PROPOSED DEPTH 8000'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* May 1, 1995	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 3380'		22. APPROX. DATE WORK WILL START*	

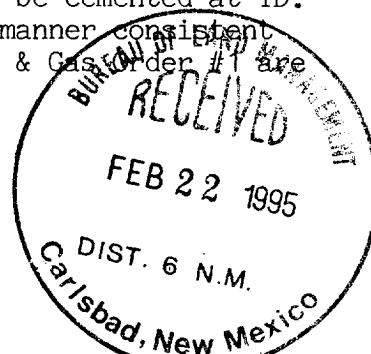
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8" H-40	48#	650	685 sx Class C <b>CIRCULATE</b>
12 1/4"	9 5/8" K-55	40#	2400	650 sx Lite + 300 sx Class C
8 3/4"	7" K-55	23#	4950	600 sx Class C
6 1/4"	4 1/2" K-55	11.60#	8000	400 sx Class C

Patterson Petroleum, Inc. proposes to drill to a depth sufficient to test the Delaware formation for oil. If productive, 4 1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with federal regulations. Specific programs as per Onshore Oil & Gas Order #1 are outlined in the following attachments:

Drilling Program  
Surface Use & Operating Plan

OPER. OGRID NO. 141928  
PROPERTY NO. 16976  
POOL CODE 2210  
EFF. DATE 4/24/95  
API NO. 3D-025-32937



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 Aug Spencer TITLE Engineer DATE 2-15-95

(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:

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

APPROVED BY acting TITLE acting DATE 2-15-95

\*See Instructions On Reverse Side