

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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. NM07260	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Marathon Oil Company		7. UNIT AGREEMENT NAME INDIAN HILLS UNIT	
3. ADDRESS AND TELEPHONE NO. P.O. Box 552 Midland, TX 79702 915/687-8356		8. FARM OR LEASE NAME, WELL NO. INDIAN HILLS UNIT 22	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* 1/2 surface 515' FNL & 505' FWL 120' proposed prod. zone 600' FNL & 660' FWL		9. API WELL NO. 30-015-31150	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 MILES NW OF CARLSBAD, NM		10. FIELD AND POOL, OR WILDCAT INDIAN BASIN, U. PENN	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660' @ PAY ZONE		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 33, T21S, R24E	
16. NO. OF ACRES IN LEASE 4480		12. COUNTY OR PARISH EDDY	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320 - W/2		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. *2661'		20. ROTARY OR CABLE TOOLS ROTARY	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GL - 4154; KB - 4172		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
12-25" 17.5"	9-625" 13.37"	54.5 36	1600' 1800'	750 SX C WITNESS FACE
8-78" 12.25"	7" 9.625"	40.5 23.26	8200' 8800'	1160 SX CIRC TO SURFACE

WELL IS A PROPOSED UPPER PENNSYLVANIAN GAS TEST

\*DISTANCE TO IHU #9 @ 990' FNL & 1980' FEL

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 Walter J. Curran TITLE DRILLING SUPERINTENDENT DATE 10/7/99

(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:

APPROVED BY \_\_\_\_\_ TITLE Assistant Field Manager, Lands And Minerals DATE MAY 12 2000

\*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.

