

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. N. M. 1832		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input 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 North Indian Basin Unit		
8. ADDRESS OF OPERATOR Box 220 Hobbs, New Mexico			8. FARM OR LEASE NAME North Indian Basin Unit		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1815' FSL and 1752.3' FEL of Section 9 At proposed prod. zone same as above			9. WELL NO. 5		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 35 miles northwest of Carlsbad, New Mexico			10. FIELD AND POOL, OR WILDCAT Upper Pennsylvanian Gas		
16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) --			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 9 - 21S - 23E		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. --			12. COUNTY OR PARISH Eddy		
20. ELEVATIONS (Show whether DF, RT, GR, etc.) unknown			13. STATE New Mexico		
22. APPROX. DATE WORK WILL START* 6-15-65					

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	150'	300 sacks
12-1/4"	9-5/8"	36#	2100'	1500 sacks
8-3/4"	7"	23 & 26#	8000'	1000 sacks

It is planned to drill to approximately 8000' and complete the well in the Upper Pennsylvanian Gas zone. Casing will be set and cemented in accordance with approved methods.

RECEIVED

JUN 16 1965

O. C. C.  
ARTESIA, OFFICERECEIVED  
JUN 11 1965  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 [Signature] TITLE Area Superintendent DATE 6-10-65  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED  
JUN 14 1965  
RUDOLPH C. BAUER, JR.  
ACTING DISTRICT ENGINEER

CEMENT BEHIND THE 13 3/8" & 9 5/8"  
CASING MUST BE CIRCULATED

\*See Instructions On Reverse Side

NOT FOR USE IN CURRENT TIME TO  
9-8-65 LEASING.