

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

*copy to [unclear]*

30-015-20061  
5. LEASE DESIGNATION AND SERIAL NO.  
NA 05607

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Marathon Oil Company

3. ADDRESS OF OPERATOR  
 P.O. Box 220, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface: 1650' FSL & 1650' FEL  
 At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 35 miles NW of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 16. NO. OF ACRES IN LEASE: 640 Communitized  
 17. NO. OF ACRES ASSIGNED TO THIS WELL: 640

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 19. PROPOSED DEPTH: 7850'  
 20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 Gr. 3846'  
 22. APPROX. DATE WORK WILL START\*: 6-5-67

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Indian Basin Unit Gas "Com"

7. UNIT AGREEMENT NAME  
 North Indian Basin Unit

8. FARM OR LEASE NAME  
 Indian Basin Unit Gas "Com"

9. WELL NO.  
 6

10. FIELD AND POOL, OR WILDCAT  
 Undesignated (Indian Basin Upper Penn)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 4-21S-23E

12. COUNTY OR PARISH  
 Eddy

13. STATE  
 New Mexico

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'	180 sxs (Circulated)
12-1/4"	9-5/8"	36	2300'	1250 sxs (Circulated)
7-7/8"	5-1/2"	15.5 & 17	7850"	1200 sxs

RECEIVED

JUN 7 1967

U. S. G. S.  
CARLSBAD OFFICE

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measurements and true vertical depths. If blowout preventer program, if any.

*[Signature]*  
 TITLE: Area Supt.  
 space for Federal or State office use

*[Signature]*  
 TITLE: \_\_\_\_\_  
 DATE: JUN 5 1967  
 DECLARED WATER BASIN

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 U. S. GEOLOGICAL SURVEY  
 CARLSBAD, NEW MEXICO