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DEPARTMENT OF NATURAL RESOURCES  
CONSERVATION COMMISSION  
STATE OF COLORADO

BEST IMAGE AVAILABLE

RECEIVED  
JUN 28 1977

COLO. OIL & GAS COMMISSION  
5. LEASE DESIGNATION AND SERIAL NO.

APPLICATION  
FOR PERMIT TO DRILL, DEEPEN, OR REENTER AND OPERATE

1a. TYPE OF WORK  
 DRILL  DEEPEN  REENTER   
 b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
BIG FOUR PETROLEUM COMPANY

3. ADDRESS OF OPERATOR  
402 E. Moses - P. O. Box 1347, Cushing, Oklahoma 74023

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface (SE NW) 1980' FNL - 1980' FWL of Sec. 28  
 At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
Approximately 11 miles South & 9 Miles East of Lamar, Colorado

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
 (Also to nearest drig. line, if any) 660'

16. NO. OF ACRES IN LEASE\* 320  
 18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5200'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
To be sent upon receipt from Powers Elevation Co.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Hoffman

9. WELL NO.  
#1-28

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 28-24S-45W

12. COUNTY Prowers 13. STATE Colorado

17. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL 640

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START  
6-30-77

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
1 1/4"	8 5/8"	28#	375'	Cement to surface
7 7/8"	5 1/2"	17#	5200'	To displace 500' minimum

T 24S - R 45W Sec. 28 W/2

\* DESCRIBE LEASE  
 Objective: Morrow  
 Logging : Induction Electrical Survey from T.D to surface casing  
 CNL - FDC over zones of interest  
 Mud : Treated water to 3600 ± then mud up with appropriate chemicals for the area and maintain to T.D.  
 The operator intends to test significant shows and attempt to complete and produce if there are indications of commercial quantities of oil or gas

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or reenter and operate, 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.

In accepting this permit the applicant agrees to fully abide by the requirements and rules of this Commission governing this permitted operation including his responsibility to prevent pollution of state waters during drilling, treating, testing, and producing operations and by the casing, cementing and plugging requirements particularly designed for the protection of state waters and the prevention of intermingling of the contents of all the various zones encountered in this permitted operation.

24. SIGNED Davis T. A. [Signature] TITLE Geologist DATE 6-24-77

DVR	
FJP	
HHM	
JAM	
JJD	
RLS	
CGM	

CK 23845

(This space for Federal or State Office use)

PERMIT NO. 77 678 APPROVAL DATE \_\_\_\_\_  
 APPROVED BY [Signature] TITLE DIRECTOR DATE JUL 12 1977  
 CONDITIONS OF APPROVAL, IF ANY:



00694060

A.P.I. NUMBER  
05 099 6091