

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

API 30-045-22054

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  
Kirby Exploration Company

3. ADDRESS OF OPERATOR  
P.O. Box 1745, Houston, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
1070' FNL and 1350' FWL

At proposed prod. zone  
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
30 Miles South of Farmington, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any) 1070'

16. NO. OF ACRES IN LEASE  
1280

17. NO. OF ACRES ASSIGNED TO THIS WELL  
160

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
None

19. PROPOSED DEPTH  
1550

20. ROTARY OR CABLE TOOLS  
rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6263 GL

22. APPROX. DATE WORK WILL START\*  
5-20-76

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	100	100
7 7/8	4 1/2	9.5	1550	200

Move in rotary drilling rig. Rig up and drill surface hole to 100 feet. Cement 8 5/8" casing with 100 sacks. Drill to 1550 feet to evaluate the Picture Cliff formation. Run open hole logs. If well is commercial 4 1/2" casing will be run and cemented with 200 sacks. If the well is non-commercial, the hole will be plugged and abandoned according to United States Geological Survey specification.

A series 900 blow out preventer will be installed and tested prior to drilling out surface casing.

Gas reserves under this lease are not dedicated to an existing contract.

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 William T. Jones W. T. Jones TITLE Agent DATE 5-5-76

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: