

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

00820495

## 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

Wildcat

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

KIRBY ROYALTIES, INC.

3. ADDRESS OF OPERATOR

518 Patterson Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

2630'

16. NO. OF ACRES IN LEASE

1200

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

30

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.No other  
wells on  
this lease.

19. PROPOSED DEPTH

5500-6000'

20. ROTARY OR CABLE TOOLS

Rotary

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

8012' or

22. APPROX. DATE WORK WILL START\*

July 20, 1964

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-1/4"	9-5/8"	33.0	250'	335 SA
7-7/8"	5-1/2"	15.5	Sufficient to go into producing horizon.	Sufficient to adequately cement across possible producing interval.

Set and cement surface pipe as outlined above. Drill hole with galv. pipe mud to total depth. Run logs and if production is indicated set long string as noted above or as modified by depths of any possible productive zones. Shaffer and Hydrill blowout preventer to be in use with drilling rig.

Anticipated depths to objective formations are as follows:

top Mesaverde	1310-2400'	top Mancos	3140-4330'
top Trout Creek	2420-3510'	top Norapex	4500-5530'

All work to be done in accordance with USGS and Colorado Oil & Gas Conservation Commission regulations.

\* ~~ALL~~ ALL SEC 23 & SEC 24 - COMMON LEASE - CALLED NM 7/16/64 WRS

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

John M. Parker

TITLE

District Manager

DATE

July 15, 1964

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUL 16 1964

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

Director

DATE

Permit No.

\*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

Colorado 0107837

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

12. COUNTY OR PARISH

13. STATE

DVR

WRS

HHM

JAM

JJD

FILE

PLOTED  
7/16/64