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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SEP 4 1975

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

USA C-18922

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1-19 Federal - Leo

10. FIELD AND POOL, OR WILDCAT

Red Lion Field

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

Sec. 19, T10N, R74W

12. COUNTY OR PARISH

Sedgwick

13. STATE

Colo.

1a. TYPE OF WORK

DRILL

DEEPEN

PLUG BACK

b. TYPE OF WELL

OIL WELL

CAS WELL

OTHER readjusted

SINGLE ZONE

MULTIPLE ZONE

2. NAME OF OPERATOR

loc.

Mrs. Corinne Grace

3. ADDRESS OF OPERATOR

1141 E. Bethany Home Rd., Phoenix, Ariz. 85104

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

At surface NE/SW4

At proposed prod. zone 660' S from W-E half section line
1841' from West line

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

7 miles south and 6 miles west of Sedgwick, Colo.

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

660'

16. NO. OF ACRES IN LEASE

80

17. NO. OF ACRES ASSIGNED TO THIS WELL

320 acres

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. (e.g. 31-19 Fed.)

2970' SW 1/4

19. PROPOSED DEPTH

4500'

20. ROTARY OR CABLE TOOLS

Rotary

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

3932.80' Gr. before grade

22. APPROX. DATE WORK WILL START*

October, 1975

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" | 22# | 330' | 300 Sx. |
| 7 7/8" | 4 1/2" | 9.5# | 4500' | 100 Sx. |

USA C-18922 covers the E/2 of the SW/4 of Sec. 19. The drilling and spacing unit consists of the S/2 of Sec. 19 and all leasehold interests are being communitized under federal regulations. Plan to drill to a T.D. of approximately 4500', set production casing and perforate and complete in the "D" sand.

| | |
|-----|--|
| DVR | |
| FJP | |
| HHM | |
| JAM | |
| JJD | |
| CGH | |
| CGM | |

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 L. R. Robinson

TITLE Agent

DATE Aug 27 - 1975

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY E. W. Searles

TITLE DISTRICT ENGINEER

DATE SEP 02 1975

CONDITIONS OF APPROVAL, IF ANY:

State O & G - Approval Notice