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DEPARTMENT OF NATURAL RESOURCES
CONSERVATION COMMISSION
STATE OF COLORADO

NOV 18 1971

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

1a. TYPE OF WORK
DRILL DEEPEN REENTER AND OPERATE

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

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

HARMS

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 7-11N-59W

12. COUNTY

Weld

13. STATE

Colorado

3. ADDRESS OF OPERATOR
1230 Denver Club Building - Denver, Colorado 80202

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

At proposed prod. zone

NE/4 NE/4
660' FNL - 660' FEL of Sec. 7

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. line, if any)

16. NO. OF ACRES IN LEASE*

7442.19

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

30.000

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6625'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START

Rig Availability

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

5439 GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	24#	160' ±	cemented to surface.
No intermediate string anticipated. If oil string is run, it will be 5 1/2" thru producing zone cemented to displace 1000'.				

DVR
JAM
JJD
Plotted 11/18/71
CR-6560
6559

* DESCRIBE LEASE

OBJECTIVE: 150' below the top of the "J" Sandstone.
 LOGGING: Induction Electrical Survey from base of surface casing to total depth. Compensated Density log with gamma ray and caliper from total depth thru the "D" Sand.
 MUD PROGRAM: Treated water from base of surface casing to the Niobrara then will mud up to attain ten pounds weight, 45 viscosity and 8 to 10 cc water loss, then reduce water loss to 5 cc or less above the "D".

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 Shelia Bergand TITLE Geological Assistant DATE 11-10-71

(This space for Federal or State Office use)

71 909



00296497

PERMIT NO. _____ APPROVAL DATE _____

DIRECTOR

APPROVED BY [Signature] TITLE G & G CONS. COMM. DATE NOV 18 1971

CONDITIONS OF APPROVAL, IF ANY:

A.P.I. NUMBER
05 123 7386

See Instructions On Reverse Side