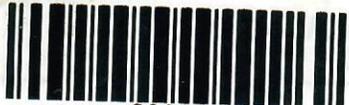


OCT 19 1973



99999999

U.S. CONSERVATION COMMISSION
THE STATE OF COLORADO

APPLICATION

FOR PERMIT TO DRILL, DEEPEN, OR REENTER AND OPERATE

5. LEASE DESIGNATION AND SPECIAL
COLO. OIL & GAS CONS. COMM.
Fee Lease

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
UPRR Carlson

9. WELL NO.
21-2

10. FIELD AND POOL, OR WILDCAT
Wildcat Field *unnamed*

11. SEC., T., R., M. OR BLK.
AND SURVEY OR AREA
21-3S-61W

12. COUNTY
Adams ✓

13. STATE
Colorado

1a. TYPE OF WORK
DRILL DEEPEN REENTER

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

2. NAME OF OPERATOR
Mitchell Energy & Development Corp. PHONE NO. 713-224-4522

3. ADDRESS OF OPERATOR
3900 One Shell Plaza, Houston, Texas 77002

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface: 1980' FSL & 1980' FNL, Sec. 21, T-3S, R-61W
At proposed prod. zone: Same *C N E S W*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
Approximately four miles north of Byers, Colorado.

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drill line, if any) 1980' *460*

16. NO. OF ACRES IN LEASE* 320 *W 1/2*

17. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL 80

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DEEP LINE, COMPLETED, OR APPLIED FOR, ON THE LEASE, FT. 2000'

19. PROPOSED DEPTH 6950' ✓

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5095' GR.

22. APPROX. DATE WORK WILL START
10- 25-73

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#	200'	200 sks.
7 7/8"	5 1/2"	15.5#	6950'	700 sks.

30,000

DVR
FP
W
W
W
W
W
W

191.68630
10/23/73

* DESCRIBE LEASE See Attached Exhibit "A"
Will drill out from under surface casing with rotary tools using mud as drilling fluid. Will drill to adequately test the "J" Sand. If productive, 5 1/2" casing will be cemented and perforated as needed. 5 1/2" casing will be multi-staged cemented to protect the "Fox Hills" water sand at an estimated depth of 650'. I.E.S. & density logs will be run at total depth. B.O.P.'s will be operated daily and tested ontrips.

Anticipated Tops: "D" Sand 6730'
"J" Sand 6810'

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 Earl D. Pritchett TITLE Regulatory Manager DATE 10-17-73

PERMIT NO. 73 870 APPROVAL DATE OCT 23 1973
APPROVED BY [Signature] TITLE DIRECTOR
CONDITIONS OF APPROVAL, IF ANY:



A.P.I. NUMBER
6831
05 001 279

73-870