

OCT 19 1973



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STATE OF COLORADO  
S. CONSERVATION COMMISSION

APPLICATION

FOR PERMIT TO DRILL, DEEPEN, OR REENTER AND OPERATE

1. TYPE OF WORK a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> b. TYPE OF WELL SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SPECIAL OIL, OIL & GAS CONS. COMM. Fee Lease	
2. NAME OF OPERATOR Mitchell Energy & Development Corp.		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME ---	
3. ADDRESS OF OPERATOR 3900 One Shell Plaza, Houston, Texas 77002		7. UNIT AGREEMENT NAME ---	
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		8. FARM OR LEASE NAME UPRR Carlson	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE Approximately four miles north of Byers, Colorado.		9. WELL NO. 21-2	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drill line, if any) 1980' 460		10. FIELD AND POOL, OR WILDCAT Wildcat Field <i>unnamed</i>	
16. NO. OF ACRES IN LEASE* 320 1/2		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 21-3S-61W	
17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THE LEASE, FT. 2000'		12. COUNTY Adams	
18. PROPOSED DEPTH 6950'		13. STATE Colorado	
19. ELEVATIONS (Show whether DF, RT, GR, etc.) 5095' GR.		20. ROTARY OR CABLE TOOLS Rotary	
21. APPROX. DATE WORK WILL START 10- 25-73		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.

\* 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 on trips.

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:



00396169

A.P.I. NUMBER  
05 001 4279