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DEPARTMENT OF NATURAL RESOURCES  
CONSERVATION COMMISSION  
STATE OF COLORADO

COLORADO

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

5. LEASE DESIGNATION AND SERIAL NO.  
**06-68-5108-S**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
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7. UNIT AGREEMENT NAME  
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8. FARM OR LEASE NAME  
**State of Colorado**

9. WELL NO.  
**1**

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**16-3S-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  
**660' from west line & 660' from south line, Sec. 16, T-3S, R-61W**  
At proposed prod. zone  
**Same** *SW SW*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
**Approximately 5 miles North of Byer, Colorado.**

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any)  
**660' FWL**  
**660' FSL**

16. NO. OF ACRES IN LEASE\*  
**640**

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

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
**None**

19. PROPOSED DEPTH  
**7000'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5107' Gr.** *J'*

22. APPROX. DATE WORK WILL START  
**June 20, 1973**

23. *4750 FM 357' top*

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' *	300 Sx
7 7/8"	5 1/2"	15.5#	6970'	300 Sx

*30,000*

DVR	
FJP	
HMM	
JAM	<input checked="" type="checkbox"/>
HD	<i>Plotted 6-18-73</i>

\* DESCRIBE LEASE **See Exhibit "A"**

Will drill out from under surface pipe with rotary tools using mud drilling technique. Drill to adequately test the "J" sand. If productive 5 1/2" casing will be cemented and perforated as needed. Induction and density logs will be run at total depth. B.O.P. will be operated daily and tested on trips. **Anticipated Tops: "D" Sand - 6790' "J" Sand - 6890'**

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 June 13, 1973

(This space for Federal or State Office use)

PERMIT NO. 73-356 APPROVAL DATE \_\_\_\_\_

APPROVED BY *W. Rogers* TITLE DIRECTOR DATE JUN 18 1973

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

**PROVIDED THAT SUFFICIENT SURFACE CASING IS SET TO PROTECT WATER ZONES THROUGH THE FOX HILLS FORMATION OR PRECAUTIONS TAKEN AS PER RULE 315 Par. K- (form attached)**



... on Reverse Side

**A.P.I. NUMBER**

*05 001 6696*