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MENT OF NATURAL RESOURCES  
AS CONSERVATION COMMISSION  
THE STATE OF COLORADO

RECEIVED

13

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

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>REENTER</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>SEP 28 1973</b>
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>TREND EXPLORATION LIMITED</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>600 Capitol Life Center, Denver, Colorado 80203</b>		8. FARM OR LEASE NAME <b>Lyons</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface <b>SW<math>\frac{1}{4}</math>SW<math>\frac{1}{4}</math> Sec. 29, T-6-N, R-89-W</b> At proposed prod. zone <b>NW<math>\frac{1}{4}</math>NW<math>\frac{1}{4}</math> Sec. 32, T-6-N, R-89-W</b>		9. WELL NO. <b>1</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE <b>Six (6) miles, SE Craig, Colorado</b>		10. FIELD AND POOL, OR WILDCAT <b>Buck Peak</b> (out side of spaced AREA)
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) <b>673'</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 29, T-6-N, R-89-W</b>
16. NO. OF ACRES IN LEASE* <b>280</b>		12. COUNTY <b>Routt</b>
17. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL <b>280</b>		13. STATE <b>Colorado</b>
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>None</b>		14. PROPOSED DEPTH <b>8000'</b>
19. ROTARY OR CABLE TOOLS <b>Rotary</b>		20. APPROX. DATE WORK WILL START <b>October 1, 1973</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6747' GR</b>		

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13-3/8"	48#	350'	500 sx circ.
12-1/4"	8-5/8"	32#	4000'	200 sx

\* DESCRIBE LEASE **S $\frac{1}{2}$ SW $\frac{1}{4}$  Sec. 29, E $\frac{1}{2}$ NE $\frac{1}{4}$  Sec. 31, W $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$  Sec. 32, T-6-N, R-89-W.**

1. Drill 17" hole to 350' + and set 13-3/8" casing with cement circ.
  2. Drill 12-1/4" hole 4000, run DIL, and set 8-5/8" casing w/200 sx.
  3. Drill 7-7/8" hole to approx. 8000' into the Niobrara, log well, and run 5-1/2" liner to T.D.
- Direction 1 surveys will be made.

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 MA J. Murray TITLE **Engineer** DATE **September 24, 1973**

(This space for Federal or State Office use)

PERMIT NO. **73 794** APPROVAL DATE **00224558**  
APPROVED BY Al Rogers TITLE **DIRECTOR** DATE **SEP 28 1973**  
CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

A.P.I. NUMBER

0.5 107 6036

73-794