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DEPARTMENT OF NATURAL RESOURCES  
CONSERVATION COMMISSION  
STATE OF COLORADO

RECEIVED

SEP 29 1977

(107-6056) S. CONS. COMM.

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

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> REENTER <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. Fee	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Alminex USA Inc. (T. F. Popp 623-5219)			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 300-407 8th Ave. S.W., Calgary, Alberto T2P 1E5			8. FARM OR LEASE NAME Alminex Bonanza	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2343' FEL & 593' FSL (Tr 71)			9. WELL NO. Koop 7-1	
At proposed prod. zone Same			10. FIELD AND POOL, OR WILDCAT Wildcat	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 8 miles N/E of Hayden, Colorado			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 7-T7N-R86W	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any) 593' + 600'		16. NO. OF ACRES IN LEASE*	12. COUNTY Routt	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA		19. PROPOSED DEPTH 3300	13. STATE Colorado	
20. ROTARY OR CABLE TOOLS Rotary		17. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) Ground level 7642' ungraded		22. APPROX. DATE WORK WILL START October 5, 1977		

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	9-5/8	36#	1100	Circulate to surface
8-3/4	4-1/2	11.6#	3300	See program

## \* DESCRIBE LEASE

TR 71 &amp; 72 GLO PLAT.

Sec. 7 &amp; 18

Operator proposes to drill & set 9-5/8" as above. Drill out w/air thru Niobrara formation. If productive, set 4-1/2" line from surface w/a mechanical pack off at the approximate top of the Niobrara or about 2000' KB. If water wet below the 9-5/8" may need to set a 7" protective string to top of Niobrara. Would then drill out w/6-1/4" and set 4-1/2 from the 7".

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. Drilling Engineer  
SIGNED Thomas Popp TITLE Reg. PE 8247 DATE 9/26/77

(This space for Federal or State Office use)

PERMIT NO.

771062

APPROVAL DATE

APPROVED BY

TITLE

DIRECTOR  
D & G CONS. COMM.

DATE

CONDITIONS OF APPROVAL, IF ANY:

00215937

OCT 17 1977

A.P.I. NUMBER

See Instructions On Reverse Side

77-1062

05 107 6056

DVR	
FJP	
HMM	
JAM	
JJD	
RLS	
CGM	