

STATE OF COLORADO  
OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF NATURAL RESOURCES



RECEIVED  
NOV 12 1991

APPLICATION  
FOR PERMIT TO DRILL, DEEPEN, OR RE-ENTER AND OPERATE

1. TYPE OF WORK: DRILL  DEEPEN  RE-ENTER

2. TYPE OF WELL: OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

3. OPERATOR: Leede Oil & Gas, Inc. ADDRESS: 6400 S. Fiddler's Green Circle, #2100 CITY: Englewood STATE: CO ZIP: 80112 3. PHONE NO. (303) 721-8000

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1500' FEL & 1920' FSL (NW SE) At proposed Prod. zone same

5. DISTANCE, IF LESS THAN 200 FT. FROM ANY OCCUPIED BLDG. PUBLIC ROAD, ABOVE GROUND UTILITY LINE OR RAILROAD (SHOW FOOTAGES ON SURVEY PLAT) There are no visible improvements within 200' of the location.

6. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 600'

7. NO. OF ACRES IN LEASE 80

8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. n/a

9. PROPOSED DEPTH 5500'

10. ELEVATIONS (Show whether GR or KB) 3922' GR

11. DRILLING CONTRACTOR To be determined

12. PHONE NO.

13. APPROX. DATE WORK WILL START November 15, 1991

14. LEASE OR TENANT NAME Barnes

15. WELL NO. 1-31

16. FIELD AND POOL, OR WILDCAT Wildcat Jace

17. QTR. QTR. SEC. T.R. AND MERIDIAN NW SE 31-T17S-R41W, 6th PM

18. COUNTY Kiowa

19. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL Laydown 80 (N/2 SE/4)

20. OBJECTIVE FORMATION Mississippiian

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	23#	300'+ *	130 sx 1t + 100 sx standard
7 7/8	**			

24. IS SURFACE OWNER ALSO THE MINERAL OWNER? YES  NO  (see attached copy of agreement)  
 If NOT surface bond must be on file or copy of surface agreement must be furnished.  
 If irrigated land, surface bond of \$5000 is required.  
 \*Sufficient to cover to the Ogallala.  
 \*\*If productive, will set 5 1/2" 15.5# - 17.0#.  
 \*DESCRIBE LEASE BY QTR. QTR., SEC., TOWNSHIP, RANG.  
 NW 1/4 SE/4 of Section 31, Township 17 South, Range 41 West

PLEASE FILL IN APPROPRIATE CODES:  
 OPER. NO. 50600  
 DRILR. NO.  
 FIELD NO. 99999  
 LEASE NO.  
 FORM CD. MSSP  
 Cause 471  
 has Animas Arch

25. PRINT: Roxane I. Apple  
 SIGNED: Roxane I. Apple TITLE: Operations Assistant DATE: 11/11/91

(This space for Federal or State Use)  
 PERMIT NO. 911116 APPROVAL DATE: NOV 15 1991 EXPIRATION DATE: MAR 14 1992  
 APPROVED BY: Dennis R. Bicknell TITLE: Director DATE: NOV 15 1991  
 CONDITIONS OF APPROVAL, IF ANY: Oil & Gas. Conserv. Comm.

If abandoned, set adequate plugs to protect the Dakota (~1200') and Cheyenne (~1520') aquifers.  
 In addition to other required plugs.  
 See Instructions On Reverse Side

A.P.I. NUMBER  
 05 061 6622