

30-039-22917

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

B. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 DEPCO, Inc.

3. ADDRESS OF OPERATOR
 1000 Petroleum Building - Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface ^{1520'} 1530' FEL, 1500' FSL, Sec. 5
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 25 Miles SE of Blanco, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drlg. unit line, if any) 1530'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 950'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6056' GR 6068' KB (Est)

23. 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#, K55	300'	275 sx (Circulate)
7-7/8"	5-1/2"	15.5# K55	3400'	500 sx (2-stage)

1. Drill 12 1/4" surface hole and set surface casing as above.
2. Drill 7-7/8" hole to 3400'.
3. Run DIL/SFL and CNL/FDC-GR Logs.
4. Set 5 1/2" casing string if warranted, or P&A in compliance with regulations.
5. The location will be reshaped to original topography. Stockpiled topsoil will be respread and the area reseeded.

Exhibits attached to this APD

"A" - Well Location Plat; "B" - Ten Point Compliance Program; "C" - Blowout Preventer Diagram; "D" - Multipoint Surface Use Requirements; "E" - Road Access Map to Area; "F" - Topographic Map of Area, Road Access, and wells within one mile radius; "G" - Drilling Location Plan, Contours, Cuts and Fills; "H" - Drilling Rig and Production Facilities Plan; "I" - Treatment Program Plan; "J" - Archeology Report. "K" - Non-Standard Location Approval

NOTE: THIS WELL IS A NON-STANDARD LOCATION DUE TO TOPOGRAPHY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

24. SIGNED Wm S. Shivers TITLE Prod. Supt. - So. Rockies DATE 1/26/82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

Cos. dedicated
m 2

*See Instructions On Reverse Side

NWOCG

5. LEASE DESIGNATION AND SERIAL NO.
 SF079162

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 --

7. UNIT AGREEMENT NAME
 --

8. FARM OR LEASE NAME
 MKL

9. WELL NO.
 16R

10. FIELD AND POOL, OR WILDCAT
 Large Chacra/So. Blanco PC

11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA
 J
 Sec. 5-T26N-R7W

12. COUNTY OR PARISH
 Rio Arriba

13. STATE
 NM

16. NO. OF ACRES IN LEASE
 2248.40

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160 / 160

19. PROPOSED DEPTH
 3400'

20. ROTARY OR CABLE TOOLS
 Rotary

22. APPROX. DATE WORK WILL START*
 5-1-82

APPROVED
 DATE
 IS AMENDED
 MAR 24 1982
 Dean Elliott
 For JAMES F. SIMS
 DISTRICT ENGINEER