

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

1075' FEL, 1600' FSL, NE/4 SE/4, Sec. 31

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12 miles SSW of Bloomfield, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

1075'

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

2800'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6121' GR

6133' KB (Est)

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8"	24#, K55	120'
7-7/8"	4-1/2"	10.5#, J55	1825'

1. Drill 12 1/4" surface hole and set surface casing as above.
2. Drill 7-7/8" hole to 1825'.
3. Run DIL, CNL-FDC w. GR-Caliper logs.
4. Set 4 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;
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.

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 program, if any.

24.

SIGNED

Wm. S. Lawrence

TITLE

Supt. So. Rockies

DATE 3/2/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

ED BY

TITLE

S OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NMOCC

30-045-24965

5. LEASE DESIGNATION AND SERIAL NO.

NM03523

6. IF INDIAN, A LOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 31

9. WELL NO.

43

10. FIELD AND POOL, OR WILDCAT

West Kutz P.C. *Est*11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 31-T27N-R11W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

16. NO. OF ACRES IN LEASE

1275.24

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160

18. PROPOSED DEPTH

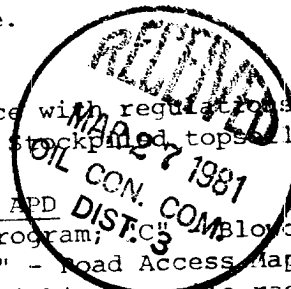
1825'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

5-1-81 ±

This action is subject to administrative
appeal pursuant to 280.APPROVED
AS AMENDEDMAR 26 1981
James F. Sims
DISTRICT ENGINEER