

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

1090' FSL, 960' FEL, SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 33

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.

(Also to nearest drlg. unit line, if any)

960'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2300'

16. NO. OF ACRES IN LEASE

1920

19. PROPOSED DEPTH

1975'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

6262' GR

6274' KB (Est)

SURF

22. APPROX. DATE WORK WILL START*

5-1-81

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'	100 sx (C100)
7-7/8"	4-1/2"	10.5#, J55	1975'	465 sx (C100)

1. Drill 12 $\frac{1}{4}$ " surface hole and set surface casing as above.
2. Drill 7-7/8" hole to 1975'.
3. Run DIL, CNL-FDC w/GR-Caliper Logs.
4. Set 4 $\frac{1}{2}$ " 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.

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 James F. Sims TITLE Supt. - So. Rockies DATE 3/2/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY
CONDITIONS OF API

TITLE

*See 1. Signs On Reverse Side

NMCCC

APPROVED
AS AMENDEDMAR 26 1981
JAMES F. SIMS
DISTRICT ENGINEER