

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

990' FNL, 990' FWL, NW/4-NW/4, Sec. 30

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)

990'

18. DISTANCE FROM PROPOSED LOCATION*

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

2500'

16. NO. OF ACRES IN LEASE

397.16 : 477.16

19. PROPOSED DEPTH

1875'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

6109' GR

6121' KB (Est)

22. APPROX. DATE WORK WILL START*

5-1-81 +

23.

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative

approval. QUANTITY OF CEMENT 250.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12-1/4"	8-5/8"	24#, K55	120'	100 sx (Circulate)
7-7/8"	4-1/2"	10.5#, J55	1875'	440 sx (Circulate)

1. Drill 12 1/4" surface hole and set surface casing as above.
2. Drill 7-7/8" hole to 1875'
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.

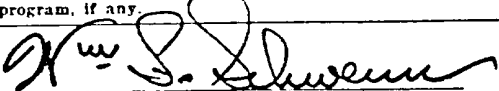
Exhibits attached to this APD

"A" - Well Location Plat; "B" - Ten Point Compliance Program; "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.

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



TITLE Prod. Supt. So Rky Mtns

DATE 2/26/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side
OPERATOR

APPROVED
AS AMENDEDAPR 15 1981
JAMES F. SIMS
DISTRICT ENGINEER

DEPCO, INC.
FEDERAL 30 #11
990 FNL 990 FNL

DEPCO, INC.
FEDERAL 30 #23
1580 FSL 1620 FNL

SECTION 30

Line A

Line B

Line C

1" = 500'

DEPCO, INC.
FEDERAL 30 #11
990 FNL 990 FNL

DEPCO, INC.
FEDERAL 30 #23
1580 FSL 1620 FNL

SECTION 30

Line A

Line B

Line C

1" = 500'

NOTE: Field work performed in February 1981.

June 18, 1982

VANN SURVEYS
Farmington, NM