

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.	NM03523
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	---
7. UNIT AGREEMENT NAME	---
8. FARM OR LEASE NAME	Federal 31
9. WELL NO.	31
10. FIELD AND POOL, OR WILDCAT	West Kutz P.C.
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Sec. 31-T27N-R11W
12. COUNTY OR PARISH	San Juan
13. STATE	NM
17. NO. OF ACRES ASSIGNED TO THIS WELL	160
20. ROTARY OR CABLE TOOLS	Rotary
22. APPROX. DATE WORK WILL START*	5-1-81 +

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	1b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>
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 790' FNL, 1520' FEL, NW/4 - NE/4, Sec. 31-T27N-R11W, San Juan Co., NM 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)	790'	16. NO. OF ACRES IN LEASE 1275.24
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	2100'	19. PROPOSED DEPTH 1835'
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6110' GR 6122' KB (Est)		22. APPROX. DATE WORK WILL START* 5-1-81 +

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	120'	100 sx (Circ)
7-7/8"	4-1/2"	10.5#, J55	1835'	435 sx (Circ)

1. Drill 12 1/4" surface hole & set surface casing as above.
2. Drill 7-7/8" hole to 1835'.
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 & 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 [Signature] TITLE Supt. - So. Rockies DATE 3/2/81
(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
DATE
AS AMENDEDMAR 26 1981
JAMES F. SIMS
DISTRICT ENGINEER