

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-078896
b. 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"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
2. NAME OF OPERATOR DEPCO, Inc.		7. UNIT AGREEMENT NAME ---
3. ADDRESS OF OPERATOR 1000 Petroleum Building--Denver, CO 80202		8. FARM OR LEASE NAME Federal 29
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1825' FSL, 1630' FEL, NW/4 - SE/4, Sec. 29 At proposed prod. zone Same		9. WELL NO. 33
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 miles south of Bloomfield, NM		10. FIELD AND POOL, OR WILDCAT West Kutz P.C.
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1630'	16. NO. OF ACRES IN LEASE 1920'	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA. Sec. 29-T27N-R11W
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1750'	19. PROPOSED DEPTH 1950'	12. COUNTY OR PARISH San Juan
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6242' GR 6254' KB (Est)	20. ROTARY OR CABLE TOOLS Rotary	13. STATE NM
22. APPROX. DATE WORK WILL START* 12-1-80 ⁺		

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 (Circulate)
7-7/8"	4-1/2"	10.5#, J55	1950'	375 sx

1. Drill 12 1/4" surface hole & set surface casing as above.
2. Drill 7-7/8" hole to 1950'
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 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 Plat, 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 _____ (This space for Federal or State official use)		District Superintendent		DATE 12/15/80
PERMIT NO. _____		APPROVAL DATE _____		
APPROVED BY _____ CONDITIONS OF APPROVAL _____		TITLE _____		DATE _____
JAN 13 1981 JAMES F. SIMS DISTRICT ENGINEER				

*See Instructions On Reverse Side