

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <u>Re-enter old well</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>NM-6681</u>	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <u>Inc.</u>		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <u>Box 660, Santa Fe, N.M. 87501</u>		8. FARM OR LEASE NAME <u>Federal C</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <u>660' FSL 660' FEL</u> At proposed prod. zone <u>same</u>		9. WELL NO. <u>1-0</u>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <u>2 1/2 miles Nageezi Trading Post</u>		10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>31-23N-7W</u>	
16. NO. OF ACRES IN LEASE <u>642.56</u>		12. COUNTY OR PARISH <u>Sandoval</u>	
17. NO. OF ACRES ASSIGNED TO THIS WELL <u>40</u>		13. STATE <u>NM</u>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS <u>Rotary</u>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>6821 Gr.</u>		22. APPROX. DATE WORK WILL START* <u>4-16-71</u>	

28. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7 7/8	4 1/2	9.5	5100	150 sacks

Well was drilled as the De La Rue Hansen Well and plugged.
Drill out cement plugs to 5100'.
Run 4 1/2" casing and cement.
Spot mud acid and perforate Gallup sands.
and water frac and swab for completion.

Following setting of the casing, a cement log will be run, as well as a perforating control log to determine the precise area to be perforated.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give location of 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 <u>Harry R. Byrd</u>		TITLE <u>Vice President</u>		DATE <u>4-12-71</u>	
(This space for Federal or State office use)					
PERMIT NO. _____		APPROVAL DATE _____			
APPROVED BY _____		TITLE _____			
CONDITIONS OF APPROVAL, IF ANY:					