

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF 078604
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 El Paso Natural Gas Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Box 289, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Scott
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1760'N, 1830'E At proposed prod. zone		9. WELL NO. 21
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. WELL AND POOL, OR WILDCAT Unders. Fruitland ext
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T-32-N, R-10-W N.M.P.M.
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH San Juan
17. NO. OF ACRES ASSIGNED TO THIS WELL		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6058' GL		22. APPROX. DATE WORK WILL START*
23. PROPOSED CASING AND CEMENTING PROGRAM U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT
		SETTING DEPTH
		QUANTITY OF CEMENT

This well was originally completed in the Pictured Cliffs formation at a total depth of 3029'. It is now intended to plug the Pictured Cliffs because of non-commercial production and complete in the Fruitland formation in the following manner:

Check depth with wireline to be sure perforations are clear.

Set a wireline tubing stop above the top Pictured Cliffs perforation at approximately 2850'.

Establish injection rate into the formation and then pressure displace cement down the 2 7/8" casing into the Pictured Cliffs perforations. Displace cement with a rubber wiper plug and 100 gallons of 7 1/2% acetic acid. Shut well in with 750 psi on wellhead. W.O.C. 18 hours.

Pressure test 2 7/8" casing to 4000 psi.

Run logs. Perforate and fracture the Fruitland formation.

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 A. G. Brisco TITLE Drilling Clerk DATE 12-31-79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

oh Brisk

NMCCG

*See Instructions On Reverse Side

