

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-20530

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

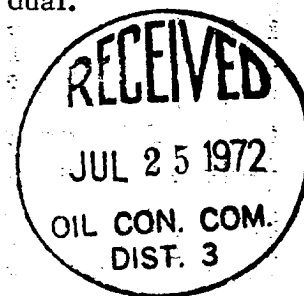
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. SF 078884
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR El Paso Natural Gas Company			7. UNIT AGREEMENT NAME Canyon Largo Unit
3. ADDRESS OF OPERATOR PO Box 990, Farmington, NM 87401			8. FARM OR LEASE NAME Canyon Largo Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990'N, 1650'W At proposed prod. zone			9. WELL NO.
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT So. Blanco Pictured Cliffs & Otero Chacra
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. 14, T-25-N, R-6-W NMPM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			12. COUNTY OR PARISH Rio Arriba
19. PROPOSED DEPTH 3740'			13. STATE New Mexico
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6650'GL			17. NO. OF ACRES ASSIGNED TO THIS WELL 160
22. APPROX. DATE WORK WILL START*			20. ROTARY OR CABLE TOOLS Rotary

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	32.3#	120'	140 cu. ft. to circulate
8 3/4"	2 7/8"	6.4#	2760'	405 cu. ft. to cover Ojo Alamo
6 3/4"	2 7/8"	6.4#	3740'	300 cu. ft. to fill to 2760'

This well will be equipped with two parallel strings of 2 7/8" production casing. Pay zones in the Pictured Cliffs and Chacra will be selectively perforated and sandwater fractured and the well will be completed as a Pictured Cliffs - Chacra dual.

The NW/4 of Section 14, is dedicated to this well.



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 FH Wood TITLE Petroleum Engineer DATE July 20, 1972
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

OK

*See Instructions On Reverse Side

U.C.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes O-117
11/1/71

EL PASO NATURAL GAS COMPANY

CANYON LARGO UNIT

(SF-078884)

178(P-C)

0

14

25-N

6-W

RIO ARRIBA

990

NORTH

1650

WEST

6650

PICTURED CLIFFS-CHACRA

SO. BLANCO-P C & OTERO CHACRA 160.00 & 160.00

1. Outline the acreage dedicated to the subject well by colored pencil or machine marks on the plat.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof as to working interest and royalty.
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners dated by communitization, unitization, or apportionment.

X Yes No If answer is "Yes" the communitization

Unitization

If answer is "No" list the owners and tract descriptions which have actually been consolidated. Use reverse side of this form if necessary.

No. If acreage will be assigned to the well until all interests have been consolidated, the communitization, unitization, or apportionment, or other use of unitization, and until all interests and rights concerning such interests, has been approved by the Commission.

CERTIFICATION

I hereby certify that the information furnished herein is true and complete to the best of my knowledge and belief.

Original Signed F. H. WOOD

Petroleum Engineer

El Paso Natural Gas Co.

July 20, 1972

JUNE 9, 1972

Russell H. McNease

1500

