

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐				5. LEASE DESIGNATION AND SERIAL NO. SF 078885	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐				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 Box 990, Farmington, New Mexico 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 1550'S, 1583'W				9. WELL NO. 164	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE				10. FIELD AND POOL, OR WILDCAT 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. 10, T-25-N, R-6-W, N. M. P. M.	
16. NO. OF ACRES IN LEASE				12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160.00				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 Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6590' GI				22. APPROX. DATE WORK WILL START*	
23. 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#	130'	90 Sks. to circulate	
6 3/4"	2 7/8"	6.4#	3795'	255 Sks. to cover the Ojo Alamo	

Selectively perforate and sand water fracture the Chacra formation.

The SW/4 of Section 10 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 Original Signed F. H. WOOD TITLE Petroleum Engineer DATE 8-13-71

(This space for Federal or State office use)

PERMIT NO. 44 APPROVAL DATE _____APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DECLARATION PLAT

EL PASO NATURAL GAS COMPANY

CANYON LARGO UNIT (SF-078885)

164

K 10 25-N 6-W RIO ARriba

1650 SOUTH 1683 WEST

6690 CHACRA OTERO CHACRA 160.00

1. Define the acreage referred to the subject well by colored pencil or by ink on the plat.
2. If more than one lease is related to the well, define each and show the interest and priority.
3. If more than one lease of different ownership is related to the well, show the interests and the usual care for communitization for each interest.

X Yes ☐ No ☐ If answer is "No" the procedure is as follows: _____

Unitization

If answer is "No" list the owners and their descriptions of ownership and acreage associated with each lease and show the form if necessary: _____

What law or laws will be used to provide for unitization? List the law or laws and the authority for unitization, pooling, or otherwise, and the interested parties and the steps being taken to provide for unitization: _____

SECTION 10

SF-078885

1683'

1650'



Signed F. H. WU
Petroleum Engineer
El Paso Natural Gas Company
August 13, 1971

MAY 24, 1971

[Signature]
1760