

El Paso Natural Gas Company

El Paso, Texas 79978

October 10, 1973

ADDRESS REPLY TO
POST OFFICE BOX 997
FARMINGTON, NEW MEXICO 87401

Mr. Jerry Long
U. S. Geological Survey
Post Office Box 1809
Durango, Colorado 81301

Re: Application for Permit to Drill
Canyon Largo Unit #237
NENE/4 Section 1, T-25-N, R-6-W
Chacra - Mesa Verde

Dear Mr. Long:

Details regarding existing roads, pipelines, wells, etc. relative to the above well location are included on the previously submitted base maps, "Field Road Map" and "Composite Map No. 1".

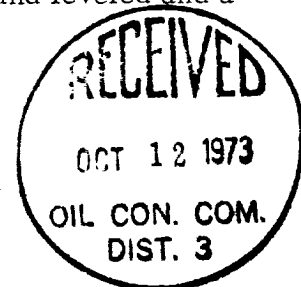
The proposed new well location, new roads and new pipeline are shown on the attached plat along with connecting existing roads and pipelines in the vicinity of the proposed new well.

Water for drilling and completion operations will be obtained from a water well located in Section 3, T-25-N, R-6-W. Waste material will be disposed of by burial in the burn pit, latrine, or reserve pit as applicable. There will be no camp nor air strip associated with drilling this well. Upon completion or abandonment of this well, the location will be cleaned and leveled and a dry hole marker placed if applicable.

Yours truly,



D. G. Brisco
Drilling Clerk



pb

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 ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

PO Box 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

1050'N, 800'E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320.00

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.19. PROPOSED DEPTH
5300'20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6652'GR

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
13 3/4"	9 5/8"	32.3#	120	135 cu.ft. to circ. to surface
8 3/4"	2 7/8"	6.4#	3960'	830 cu.ft. to cover Ojo Alamo
6 3/4"	2 7/8"	6.4#	5300'	405 cu.ft. to fill to 3960'

Selective zones in the Mesa Verde and Chacra formations will be perforated and sand-water fractured. The well will be completed as a Mesa Verde - Chacra dual well with two parallel strings of 2 7/8" production casing.

The E/2 of Section 1 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 A. G. Garcia TITLE Drilling Clerk DATE October 10, 1973

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY SA TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

**NEW XICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator EL PASO NATURAL GAS COMPANY			Lease CANYON LARGO UNIT (SF-078885)		Well No. 237
Unit Letter A	Section 1	Township 25-N	Range 6-W	County RIO ARriba	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between; align-items: center;"> 1050 feet from the NORTH line and 800 feet from the EAST line </div>					
Ground Level Elev. 6652	Producing Formation CHACRA-IESA VERDE	Pool OTERO CHACRA GONZALES IESA VERDE EXTENSION		Dedicated Acreage: 320.00 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both 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 been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation 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 allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

REISSUED TO SHOW CORRECT POOL DESIGNATION. 7-5-73

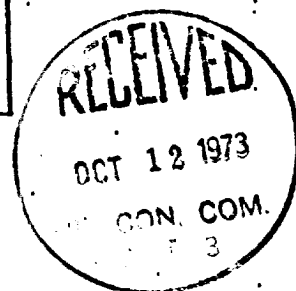
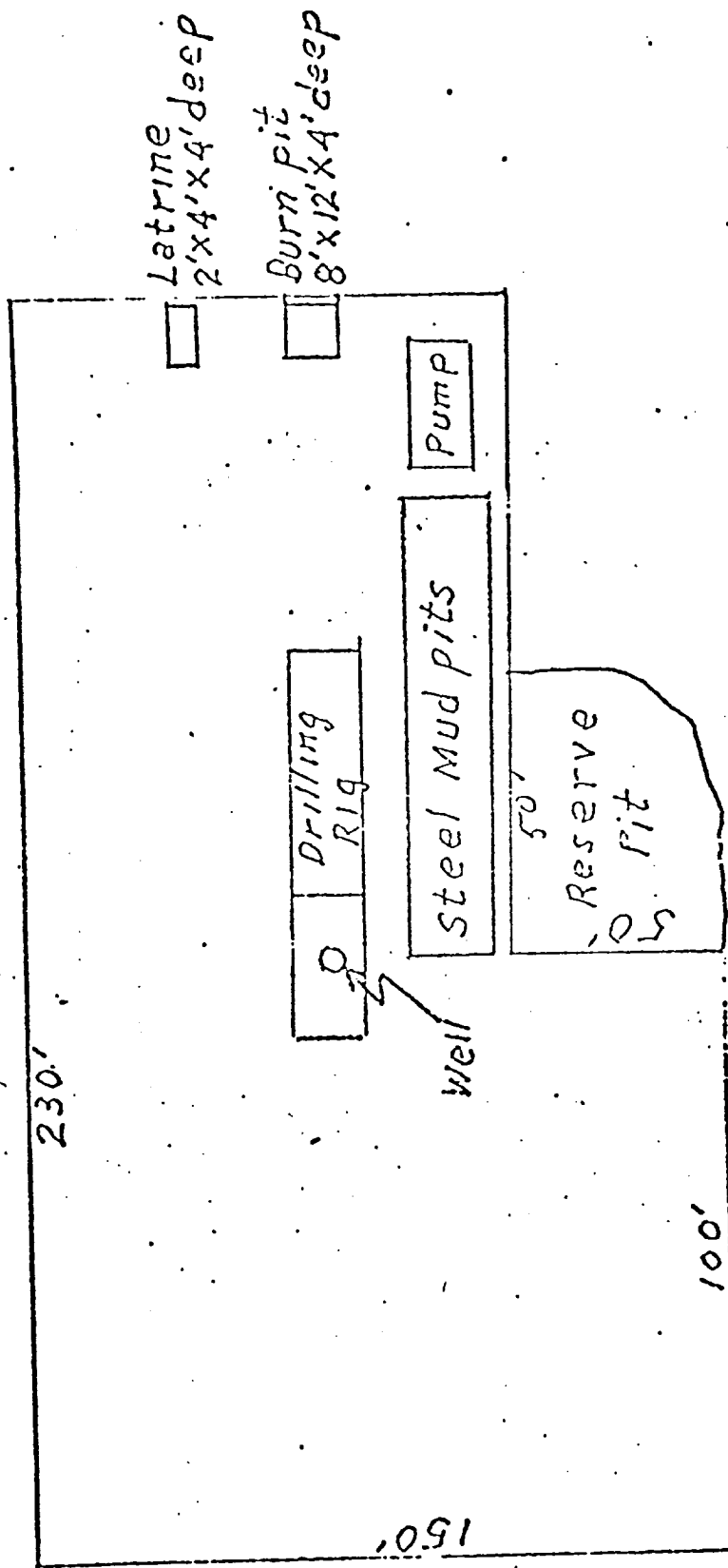
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> REISSUED TO SHOW DUAL COMPLETION - 10/9/73 </div> <div style="text-align: center;"> </div> <div style="text-align: center; margin-top: 50px;"> </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>A. B. [Signature]</i> Name _____ Drilling Clerk Position _____ El Paso Natural Gas Company Company _____ October 10, 1973 Date _____ </div> <div style="border: 1px solid black; padding: 5px;"> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed APRIL 23, 1973 Registered Professional Engineer and/or Land Surveyor <i>[Signature]</i> Certificate No. 1760 </div>
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0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

LOCATION AND EQUIPMENT LAY-OUT

Canyon Large Unit No. 237

[Handwritten signature]



NE/4 Sec 1 T-25N, R-6W



LEGEND OF RIGHT-OF-WAYS

EXISTING ROADS	_____
EXISTING PIPELINE	+ + + +
EXISTING ROAD & PIPELINE	+ + + +
PROPOSED ROADS	_____
PROPOSED PIPELINE	+ + + +
PROPOSED ROAD & PIPELINE	+ + + +