

NSL - 647  
104 F  
El Paso Natural Gas Company

El Paso, Texas 79978

New Mar 31

March 7, 1974



Mr. A. L. Porter, Secretary and Director  
New Mexico Oil Conservation Commission  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Dear Mr. Porter:

This is a request for administrative approval for an unorthodox gas well location in the Undesignated Chacra pool. Terrain features make an orthodox location and access road expensive to build and maintain.

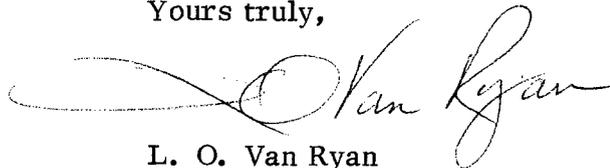
It is intended to locate the El Paso Natural Gas Company Hubbell #15 2125' from the South line and 1280' from the West line of Section 17, T-29-N, R-10-W, San Juan County, New Mexico. The Southwest quarter of Section 17 is dedicated to this well.

The terrain in the Southwest Quarter of Section 17 is very rough. An orthodox location would allow drainage from the location to possibly enter the reservoir located below the SW/4 of the SW/4 of Section 17, which is a City of Bloomfield municipal water supply reservoir. Also, two other well locations already exist south of the proposed location. For these reasons it is requested that the unorthodox location be approved.

All operators of proration units offsetting the proposed unorthodox location have been notified of this application by certified mail.

Plats showing the proposed well location with terrain features and operator of offset leases are attached.

Yours truly,



L. O. Van Ryan  
Chief Division Drilling Engineer

LOVR:pb

cc: Emery Arnold w/attachments  
Jim Permenter w/attachments  
P. T. McGrath w/attachments

# El Paso Natural Gas Company

El Paso, Texas 79978

March 7, 1974

ADDRESS REPLY TO  
POST OFFICE BOX 959  
FARMINGTON, NEW MEXICO 87401

Mr. P. T. McGrath  
U. S. Geological Survey  
Post Office Box 959  
Farmington, New Mexico 87401

Re: Application for Permit to Drill  
Hubbell #15  
SW/4 Section 17, T-29-N, R-10-W  
Undesignated Chacra

Dear Mr. McGrath:

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 the following location: an irrigation ditch located in the SE/4 of Section 13 T-29-N, R-11-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 very 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      2125'S, 1280'W  
  
 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 drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

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

22. APPROX. DATE WORK WILL START\*

5. LEASE DESIGNATION AND SERIAL NO.  
 SF 078716-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Hubbell

9. WELL NO.  
 15

10. FIELD AND POOL, OR WILDCAT  
 Undesignated Chacra

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 17, T-29-N, R-10-W  
 NMPM

12. COUNTY OR PARISH      13. STATE  
 San Juan      New Mexico

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"	24.0#	120'	112 cu. ft. to circulate to surface
6 3/4"	2 7/8"	6.4#	3280'	700 cu. ft. to cover Ojo Alamo

Selectively perforate and sandwater fracture the Chacra formation.

The SW/4 of Section 17 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 D. G. Luce TITLE Drilling Clerk DATE March 7, 1974

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-4-65

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

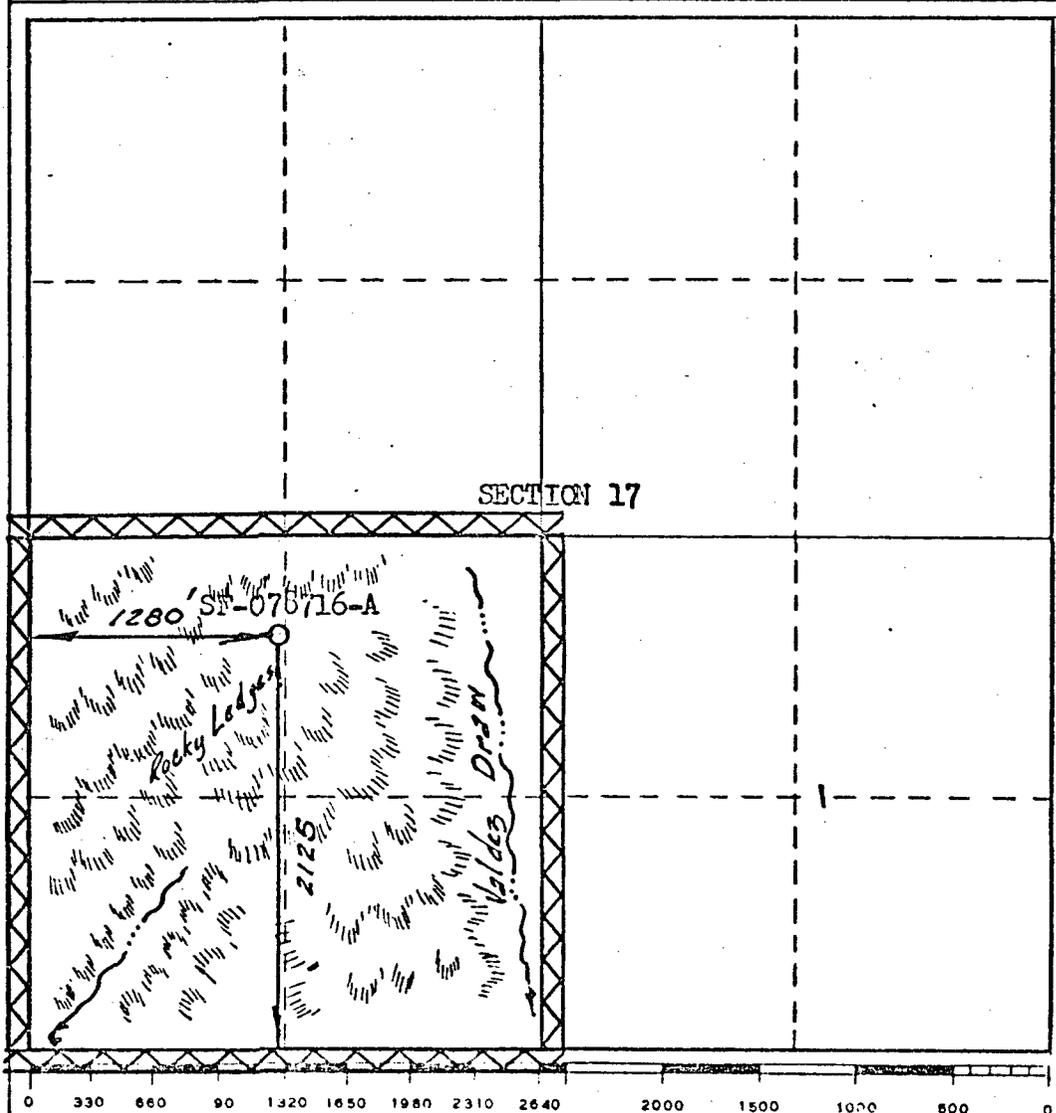
Operator <b>EL PASO NATURAL GAS COMPANY</b>		Lease <b>HUBBELL (SF-078716-A)</b>		Well No. <b>15</b>
Unit Letter <b>L</b>	Section <b>17</b>	Township <b>29-N</b>	Range <b>10-W</b>	County <b>SAN JUAN</b>
Actual Footage Location of Well: <b>2125</b> feet from the <b>SOUTH</b> line and <b>1280</b> feet from the <b>WEST</b> line				
Ground Level Elev. <b>5790</b>	Producing Formation <b>CHACRA</b>	Pool <b>UNDESIGNATED CHACRA</b>	Dedicated Acreage: <b>161.03</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 \_\_\_\_\_

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.



**CERTIFICATION**

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

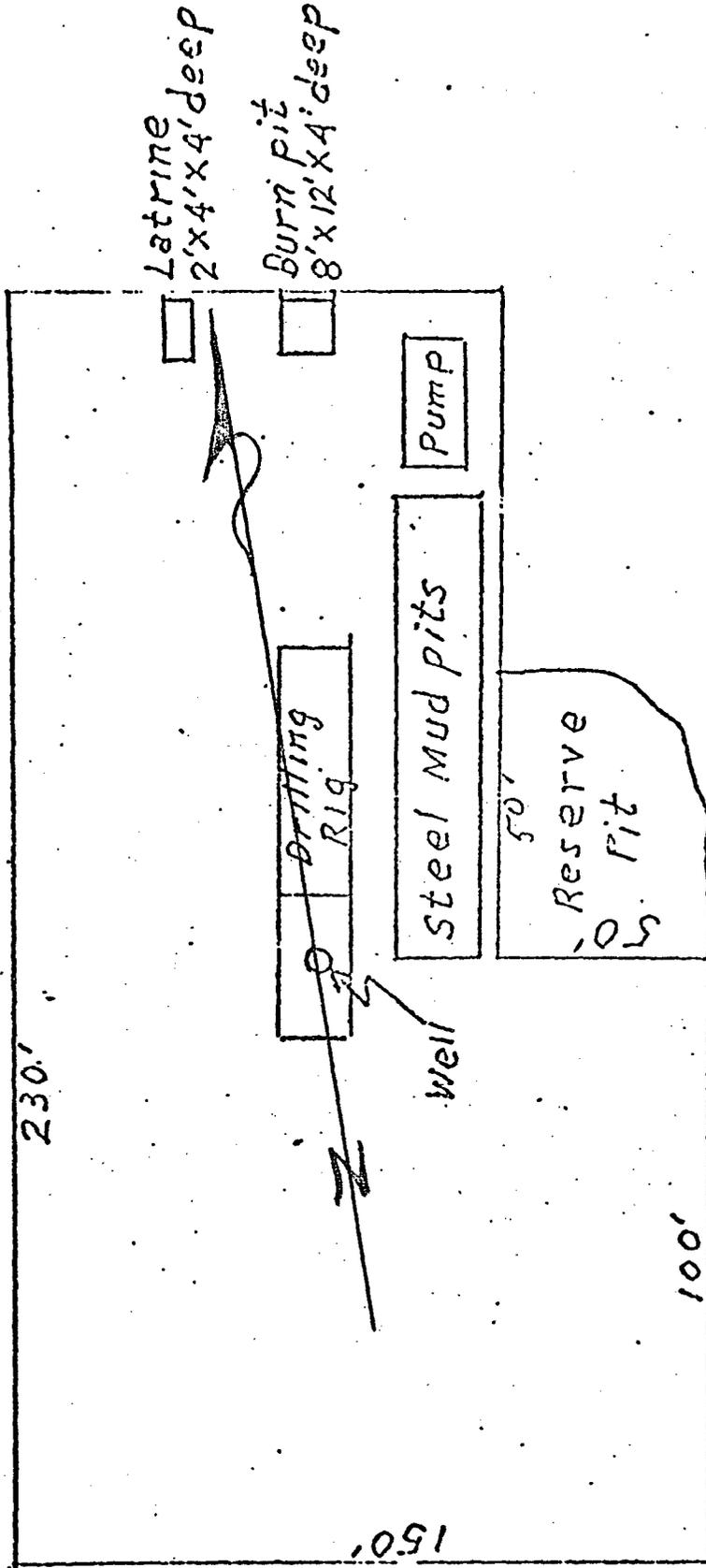
*A. G. Lucas*  
Name  
**Drilling Clerk**  
Position  
**El Paso Natural Gas Co.**  
Company  
**March 7, 1974**  
Date

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  
**JANUARY 22, 1974**  
Registered Professional Engineer and/or Land Surveyor  
*Paul Wilcox*  
Certificate No. **1760**

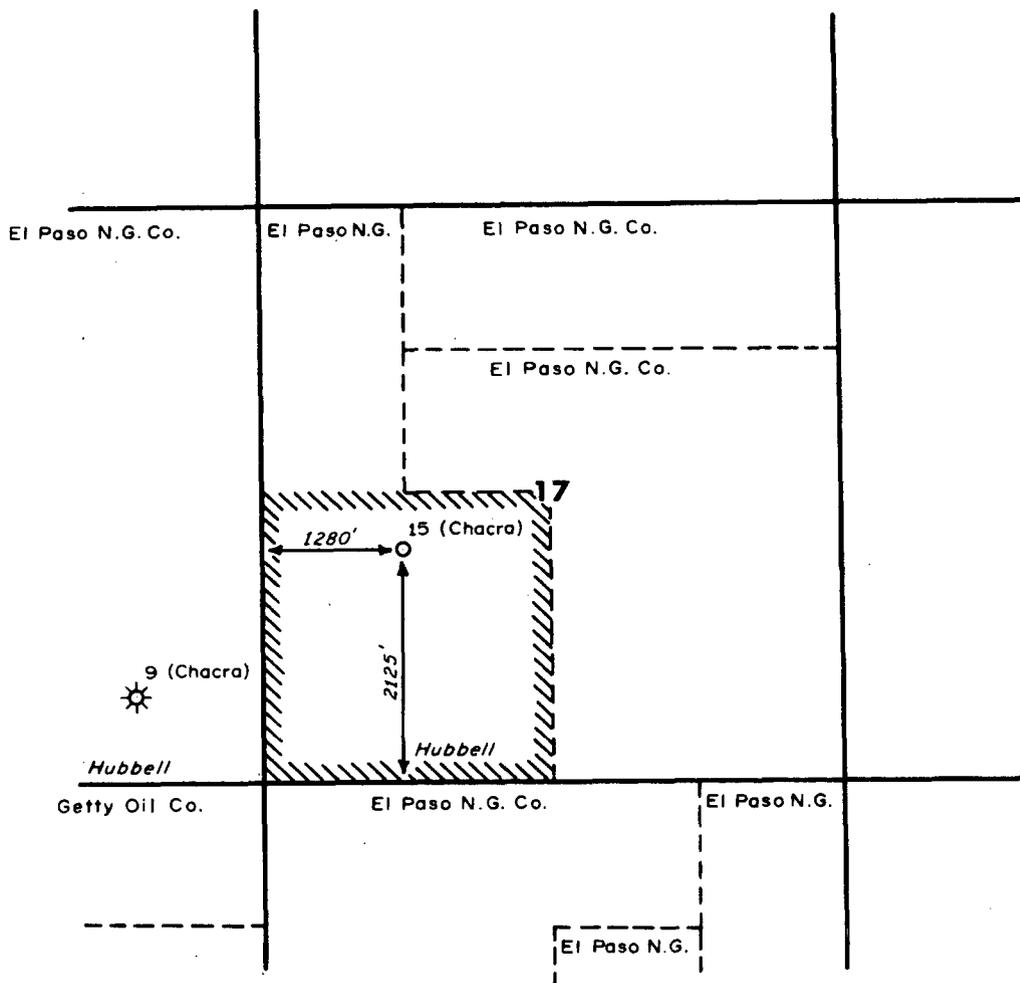
LOCATION AND EQUIPMENT LAY-OUT

HUBBELL No. 15





Hubbell #15  
 SW/4 Section 17, T-29-N, R-10-W  
 R **10** W



T  
**29**  
 N

					ENG. REC.		DATE		 <b>El Paso Natural Gas Company</b> CHACRA OWNERSHIP Offsetting # 15 Hubbell (Chacra), Sec. 17 - 29N - 10W San Juan Co., New Mexico				
					DRAWN		J.H.					3/7/74	
					CHECKED								
					CHECKED								
					PROJ. APP.								
PRT.	SEP.	DATE	TO	W.O.	DESIGN				SCALE: 3" = 1 mi.				
PRINT RECORD					W.O.				DWG. NO.		REV.		