

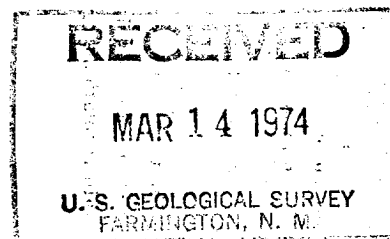
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-21454

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"/>				
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"/>				
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 1545'S, 850'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 drilg. 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 3150'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5780'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
12 1/4"	8 5/8"	24.0#	100'	106 cu. ft. to circulate
6 3/4"	2 7/8"	6.4#	3150'	630 cu. ft. to cover Ojo Alamo

Selectively perforate and sandwater fracture the Chacra formation.

The SW/4 of Section 7 is dedicated to this



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. H. Lucas TITLE Drilling Clerk DATE March 14, 1974  
(This space for Federal or State office use)

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

APPROVED BY [Signature] 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 1-1-65

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

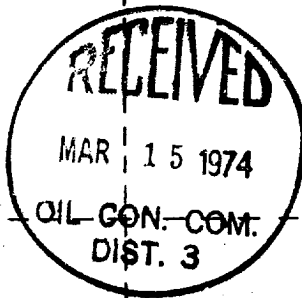
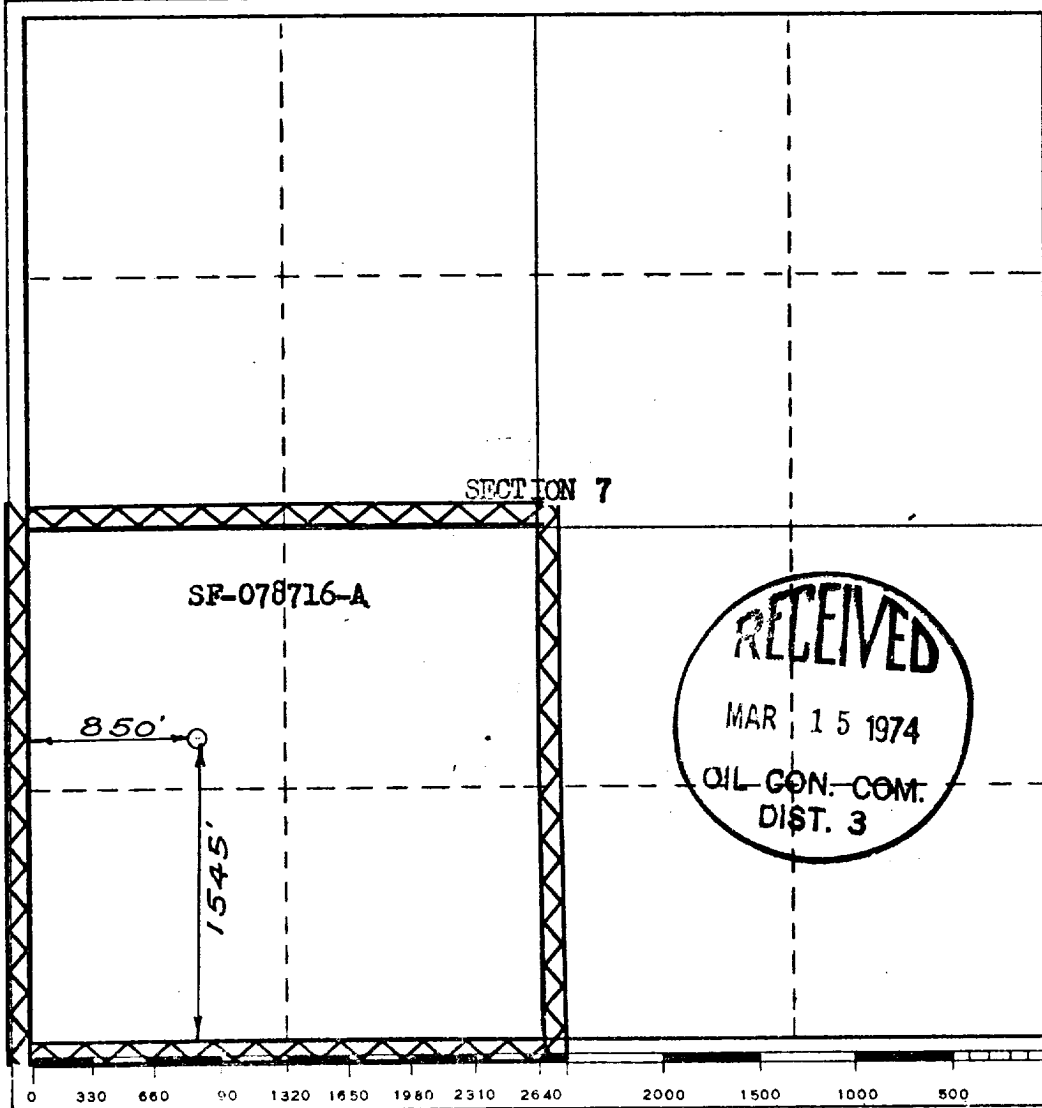
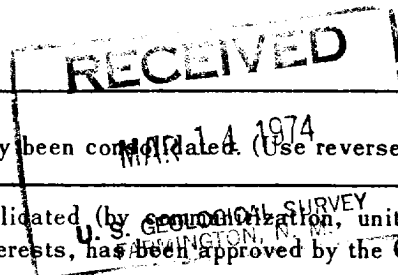
Operator <b>EL PASO NATURAL GAS COMPANY</b>		Lease <b>HUBBELL (SF-078716-A)</b>		Well No. <b>4</b>
Unit Letter <b>L</b>	Section <b>7</b>	Township <b>29-N</b>	Range <b>10-W</b>	County <b>SAN JUAN</b>
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span><b>1515</b> feet from the <b>SOUTH</b> line and</span> <span><b>850</b> feet from the <b>WEST</b> line</span> </div>				
Ground Level Elev. <b>5780</b>	Producing Formation <b>CHACRA</b>	Pool <b>WILDCAT UNDESIGNATED CHACRA</b>	Dedicated Acreage: <b>145.90</b> 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 \_\_\_\_\_

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.

Original Signed by

Name **D. G. Brisco**

Position **Drilling Clerk**

Company **El Paso Natural Gas Co.**

Date **March 14, 1974**

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.

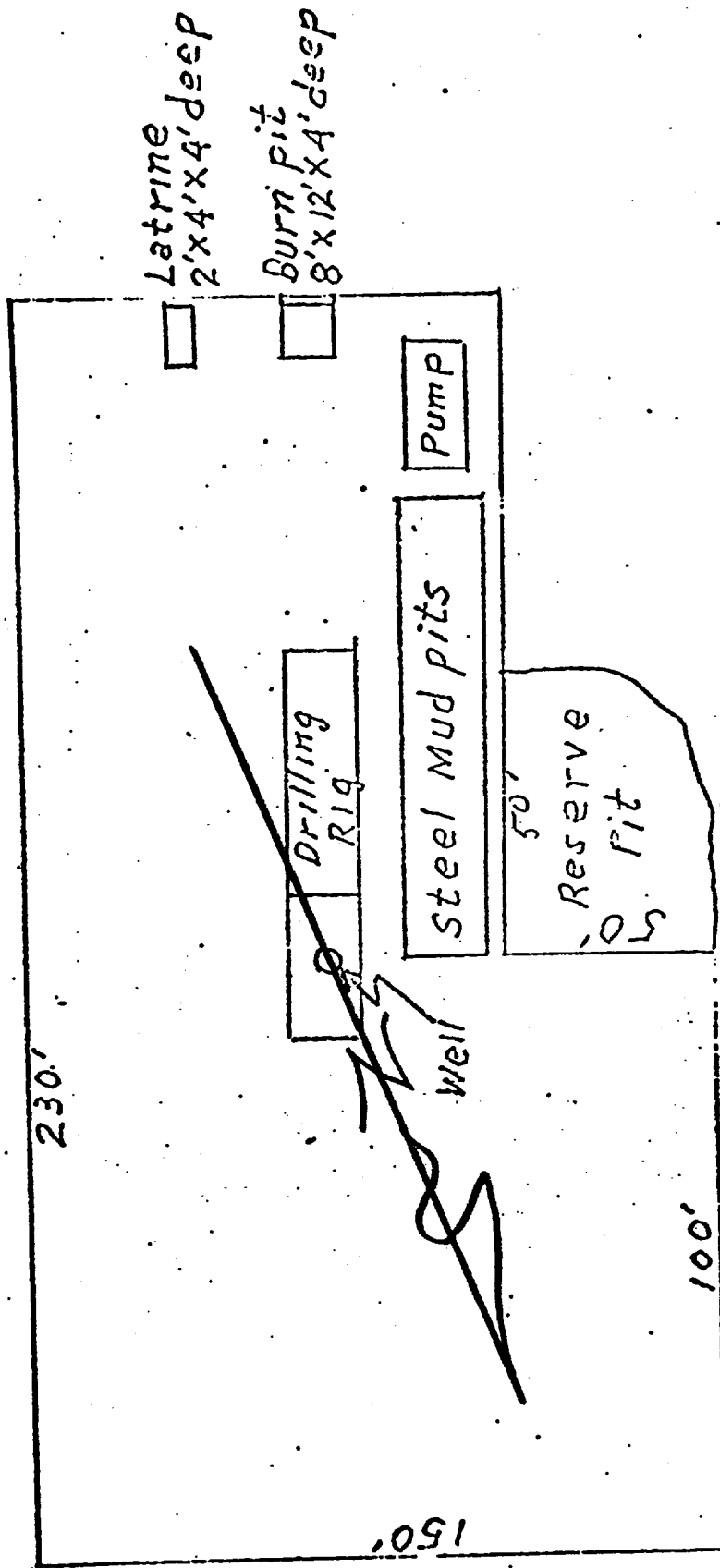
Date Surveyed  
**JANUARY 9, 1974**

Registered Professional Engineer  
and/or Land Surveyor

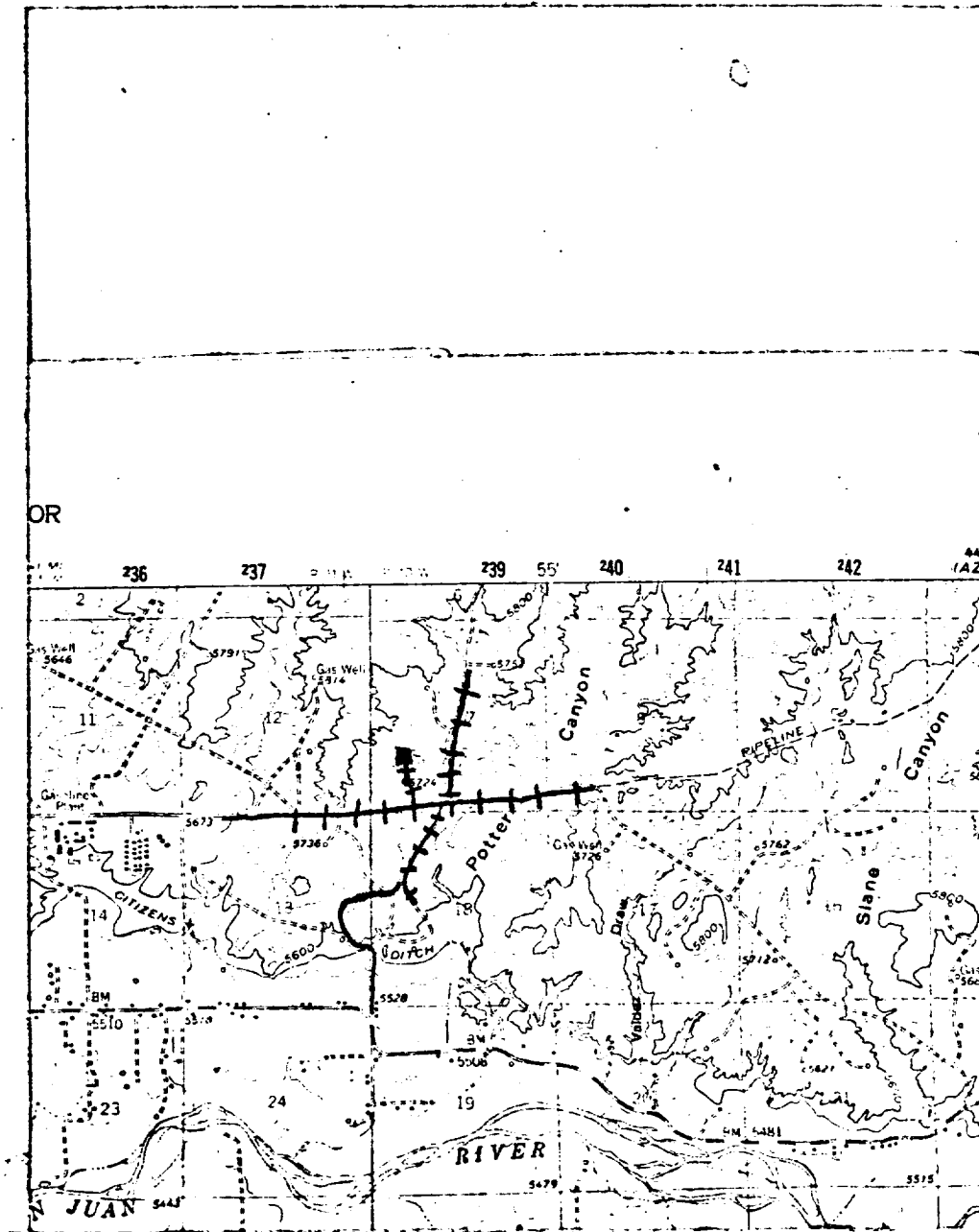
*David Kilgus*  
Certificate No. **1760**

LOCATION AND EQUIPMENT LAY-OUT

HUBBELL No. 4



*Subbell #4*  
*NW 1/4 Sec 7, T-29-N, R-10-W*



*1*  
*29*  
*W*

*R-11-W*      *R-10-W*



LEGEND OF RIGHT-OF-WAYS

- EXISTING ROADS
- EXISTING PIPELINES
- EXISTING ROAD & PIPELINE
- PROPOSED ROADS
- PROPOSED PIPELINES
- PROPOSED ROAD & PIPELINE

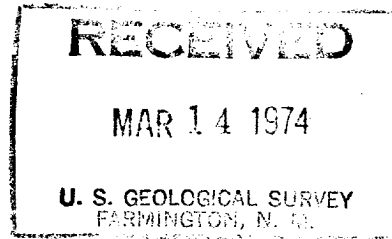
# El Paso Natural Gas Company

El Paso, Texas 79974

March 14, 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 #4  
SW/4 Section 7, 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,

A handwritten signature in cursive script that reads "D. G. Brisco".

D. G. Brisco  
Drilling Clerk

pb

