

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-20652

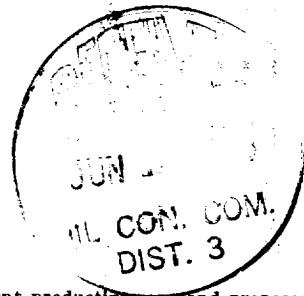
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 079266	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR PO Box 990, Farmington, NM 87401		8. FARM OR LEASE NAME Vaughn	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 790'S, 1450'E At proposed prod. zone		9. WELL NO. 24	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT So. Blanco Pictured Cliffs & Otero Chacra <input checked="" type="checkbox"/> T	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T-26-N, R-6-W NMMP	
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	
19. PROPOSED DEPTH 3600'		22. APPROX. DATE WORK WILL START*	
21. ELEVATIONS (Show whether DI, RT, GR, etc.) 6323'GR			

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 circulate
8 3/4"	2 7/8"	6.4#	2635'	370 cu.ft. to cover Ojo Alamo
6 3/4"	2 7/8"	6.4#	3600'	290 cu.ft. to fill to 2635'

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

The SE/4 of Section 27 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 M. G. Surico TITLE Drilling Clerk DATE June 8, 1973
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY 610 TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

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

Form O-1
Supersedes O-128
Effective 1-1-67

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

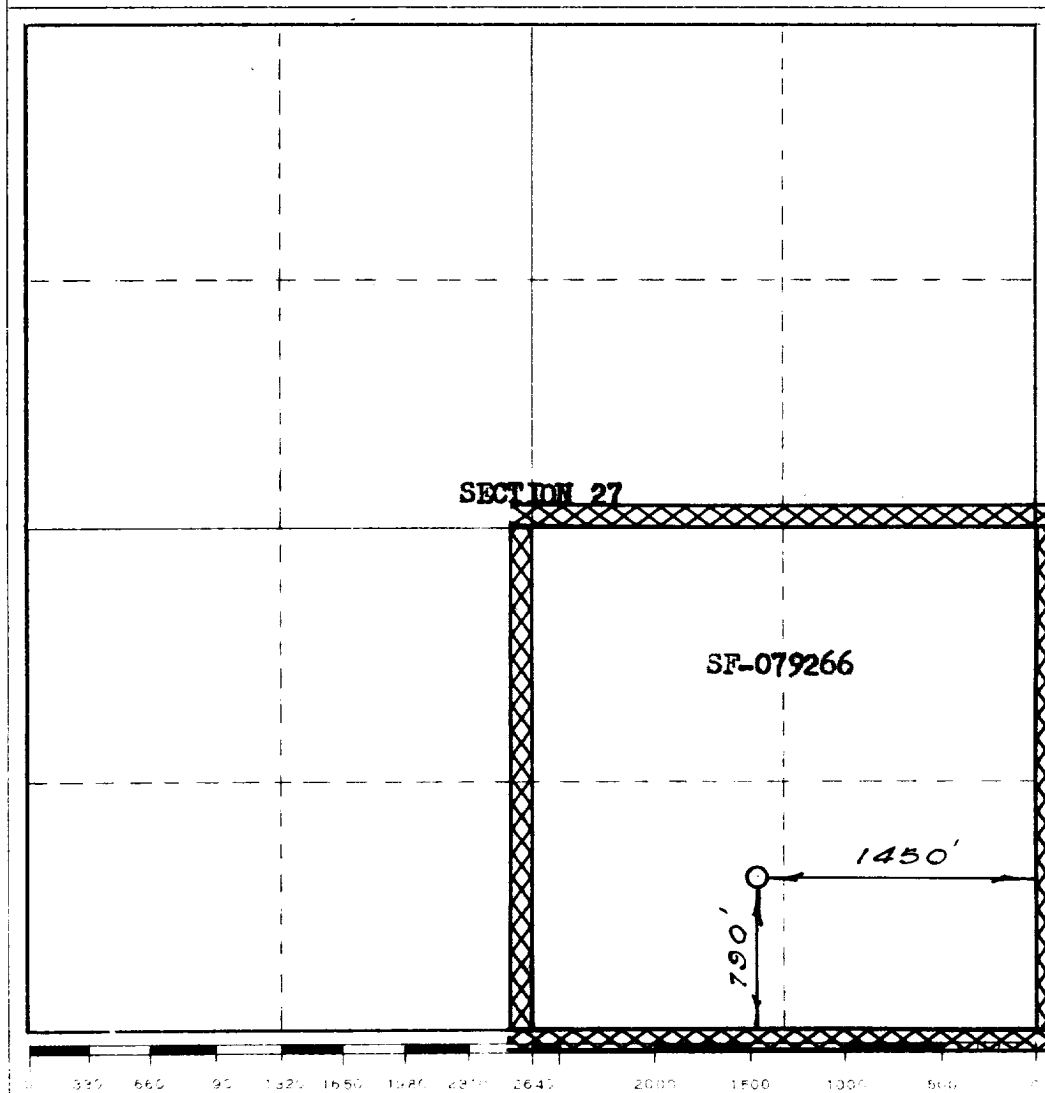
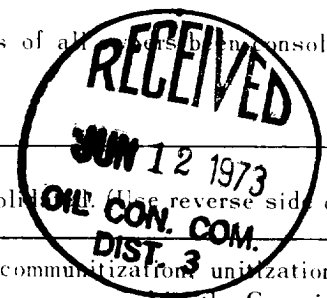
Operator EL PASO NATURAL GAS COMPANY			Lease VAUGHN (SF-079266)		Well No. 24
Tract Letter 0	Section 27	Township 26-N	Range 6-W	County RIO ARriba	
Actual Well Location of Well					
790	SOUTH		1450	EAST	
Ground Level Elev. 6323	Picture Identification PICTURED CLIFFS-CHACRA		Pool SO. BLANCO PICTURED CLIFFS OTERO CHACRA EXTENSION	Depth in Feet 160.00	

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.) _____

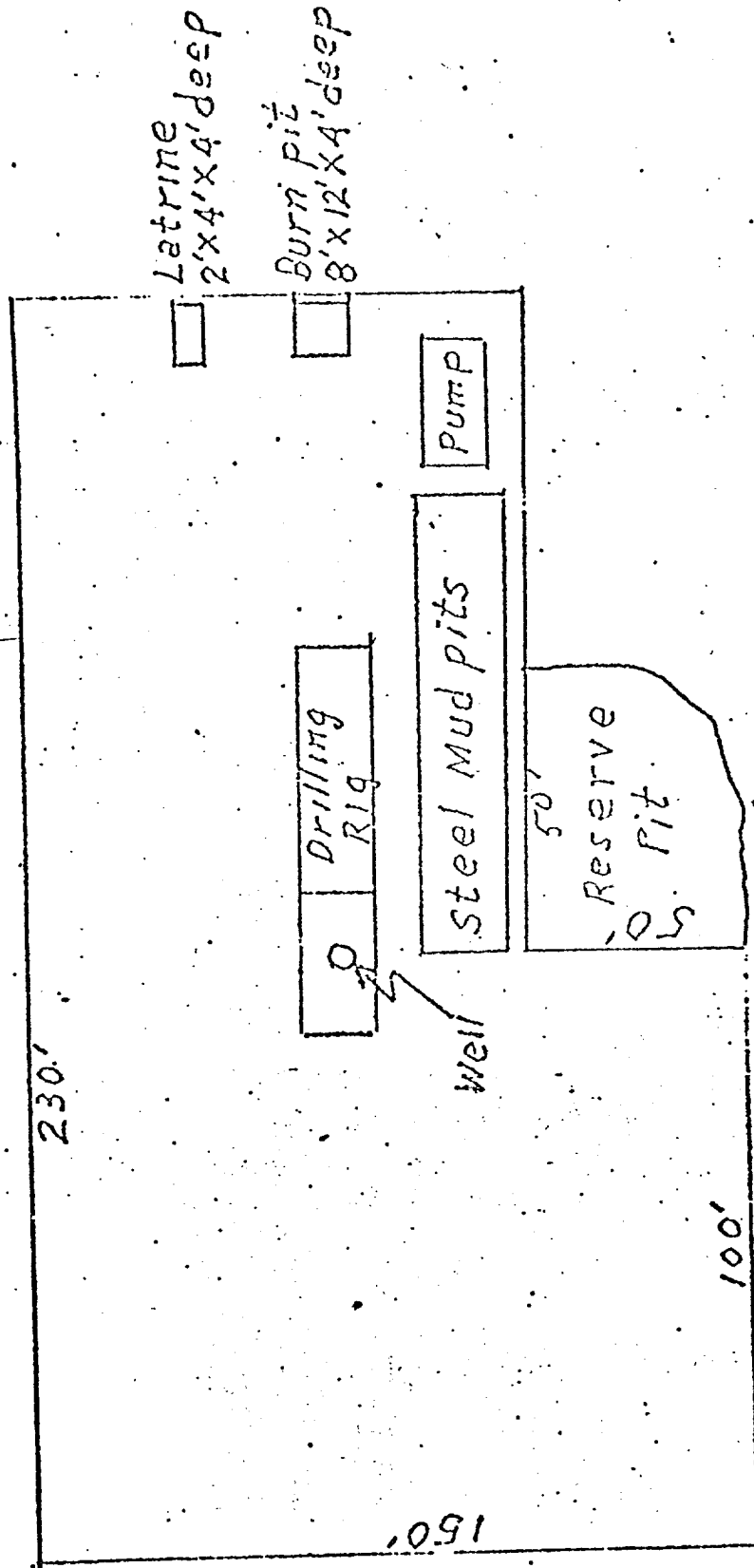
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Original Signed by D. G. Brisco	
Drilling Clerk	
El Paso Natural Gas Co.	
June 8, 1973	
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.	
MAY 25, 1973	
<i>Paul Wilner</i> 1760	

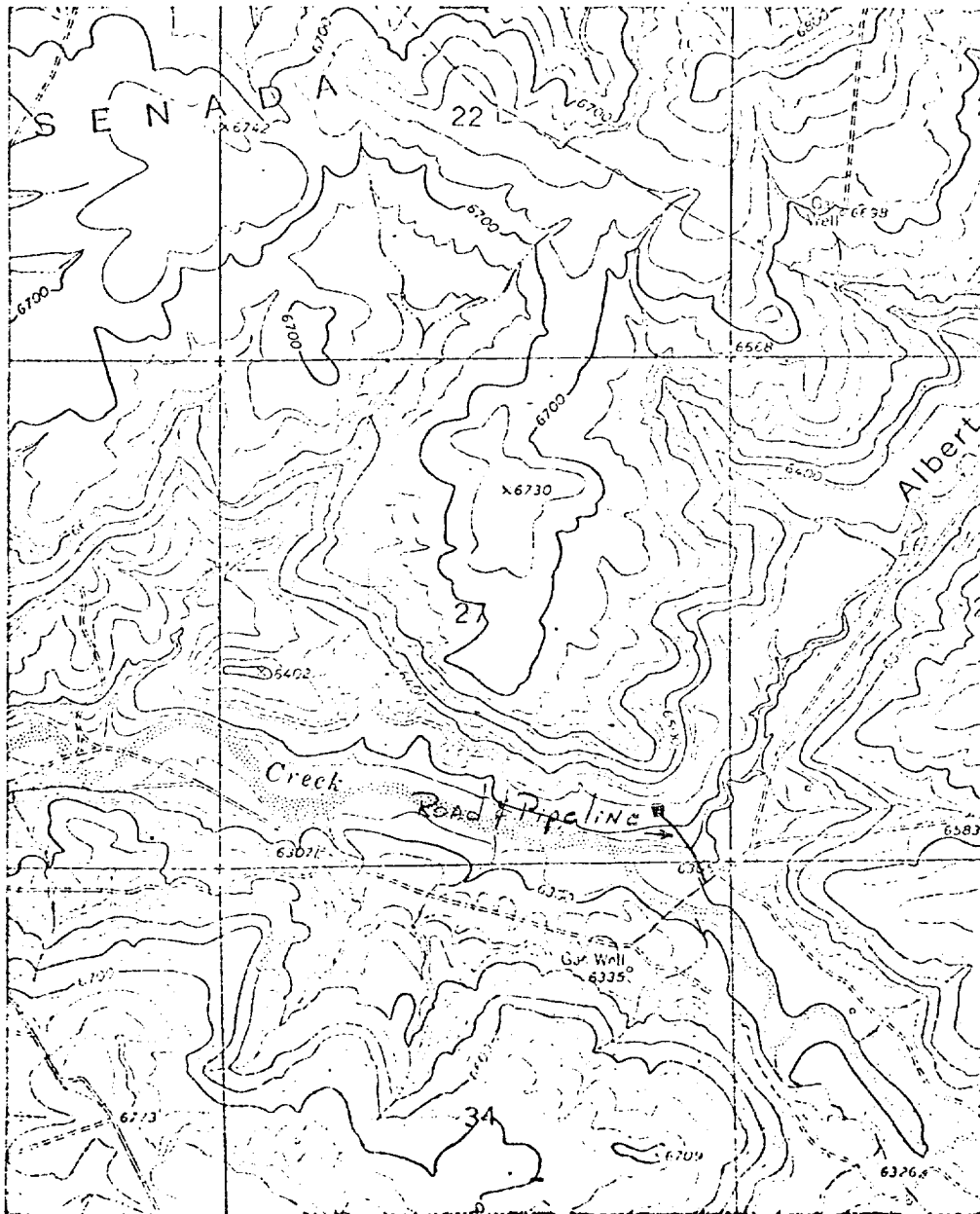
Yangbi No. 24

A



Vaughn No. 24

SE 1/4 Sec. 27, T-26N, R-6W



T
26
N

R-6-W