

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
Box 990, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
1550'S, 850'E
At proposed prod. zone

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

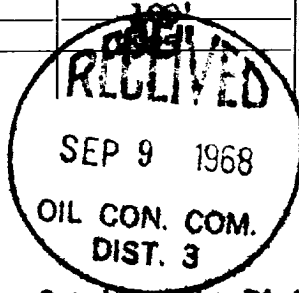
15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6325' GL

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#	100'	95 sks. to circulate
6 3/4"	2 7/8"	6.4#	100'	160 sks. to fill to top of Kirtland



Selectively perforate and sand water fracture the Pictured Cliffs formation.

The SE/4 of Section 36 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. Original signed by
SIGNED **Carl E. Matthews** TITLE **Petroleum Engineer** DATE **9-6-68**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY **fy** TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.
30-047-20332
NM 015150

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Blanco

9. WELL NO.
18

10. FIELD AND POOL, OR WILDCAT
So. Blanco Pictured Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 36, T-28-S, R-8-W N.M.P.M.

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

16. NO. OF ACRES IN LEASE
158.36

17. NO. OF ACRES ASSIGNED TO THIS WELL

19. PROPOSED DEPTH
2925'

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-100
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

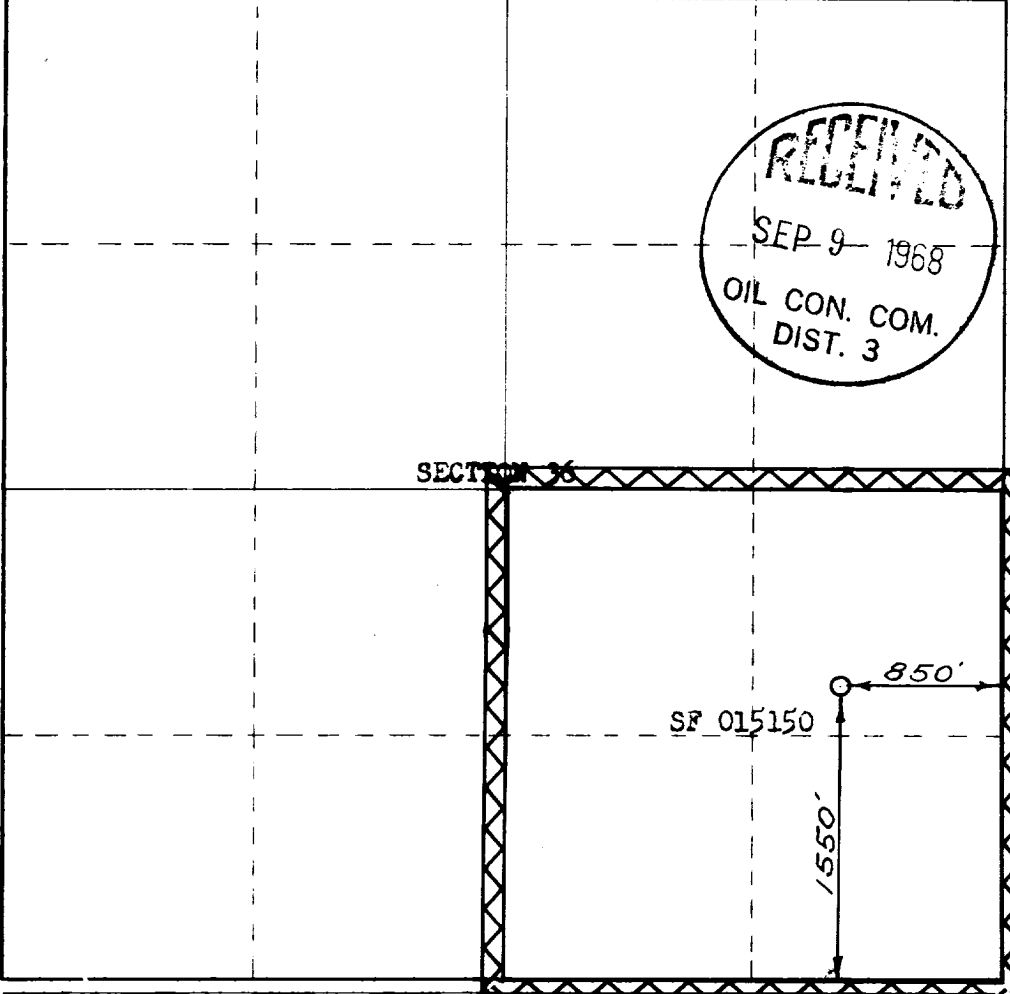
EL PASO NATURAL GAS CO.			Lease BLANCO (NM 015150)		Well No. 18
Tract Letter I	Section 36	Township 28 NORTH	Range 8 WEST	County SAN JUAN	
Actual true location of well: 1550 feet from the SOUTH line and 850 feet from the EAST line					
Oil and Gas Well Flow 6325	Producing Formation PICTURED CLIFFS		Pool SOUTH BLANCO PICTURED CLIFFS		Dedicated Acreage 158.36 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. Original signed by Carl E. Matthews Name _____ Petroleum Engineer Resident _____ El Paso Natural Gas Co. Company _____ September 6, 1968 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 _____ JULY 25, 1968 Registered Professional Engineer and Land Surveyor David Chelien Certification No. 1760