

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 1460'S, 1610'E  
At proposed prod. zone same

5. LEASE DESIGNATION AND SERIAL NO.  
30-039-21863  
NM 010516

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
San Juan 28-5 Unit

8. FARM OR LEASE NAME  
San Juan 28-5 Unit

9. WELL NO.  
12A

10. FIELD AND POOL, OR WILDCAT  
Blanco Mesa Verde

11. SEC. T., R., M., OR BLK.  
AND SURVEY OR AREA  
Sec. 7, T-28-N, R-5-W  
NMPM

12. COUNTY OR PARISH  
Santa Fe

13. STATE  
NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
31 miles East of Blanco, NM

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)  
1030

16. NO. OF ACRES IN LEASE  
Unit  
282.96

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.  
2500

19. PROPOSED DEPTH  
6185'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6664' 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#	200'	224 cu.ft. to circulate
8 3/4"	7"	20.0#	3920'	243 cu.ft. to cover Ojo Alamo
6 1/4"	4 1/2" liner	10.5#	3770-6185'	421 cu.ft. to fill to 3770'

Selectively perforate and sandwater fracture the Mesa Verde formation.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The S/2 of Section 7 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. Busco TITLE Drilling Clerk DATE August 17, 1978

(This space for Federal or State office use)

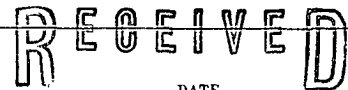
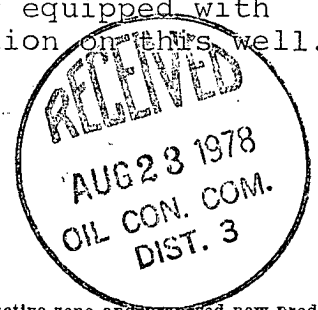
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY oh Frank TITLE \_\_\_\_\_ DATE AUG 22 1978

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.



**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.

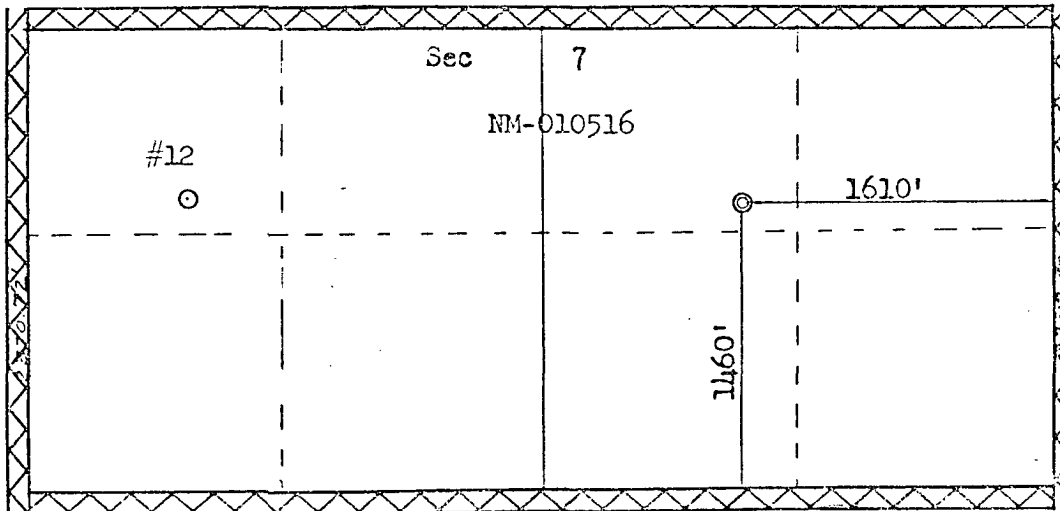
Operator <b>EL PASO NATURAL GAS COMPANY</b>			Lease <b>SAN JUAN 28-5 UNIT (NM-010516)</b>		Well No. <b>12A</b>
Unit Letter <b>J</b>	Section <b>7</b>	Township <b>28N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1460</b> feet from the <b>South</b> line and <b>1610</b> feet from the <b>East</b> line					
Ground Level Elev: <b>6664</b>	Producing Formation <b>Mesa Verde</b>	Pool <b>Blanco Mesa Verde</b>	Dedicated Acreage: <b>282.96</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 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.



**CERTIFICATION**

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

*D. J. Busco*

Drilling Clerk

El Paso Natural Gas Co.

August 18, 1978

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 23, 1978

Registered Professional Engineer and Land Surveyor

*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No.

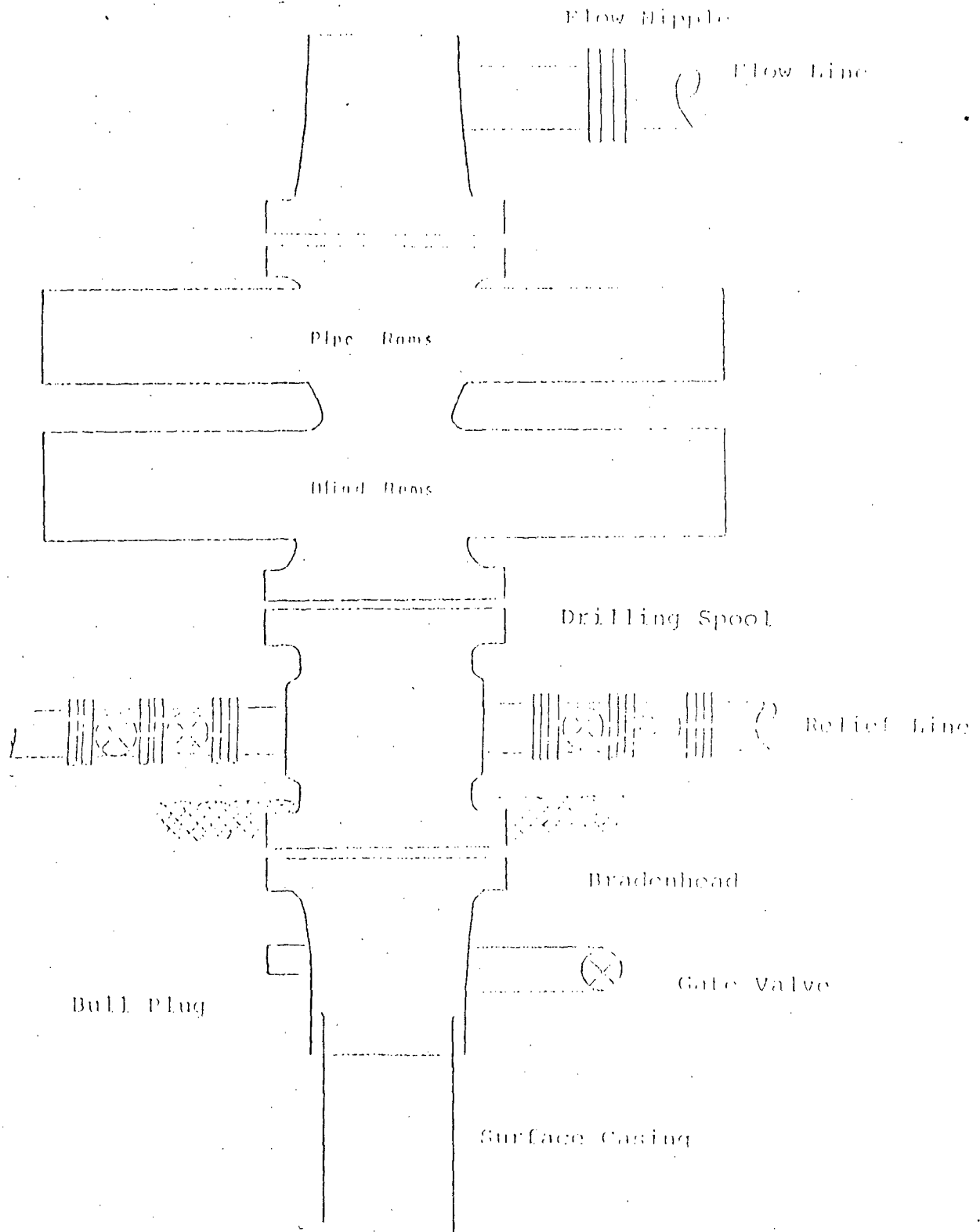
3950

SCALE: 1"=1000'

**AUG 25 1978**  
OIL CONSERVATION COMM.  
Santa Fe

**RECEIVED**  
**AUG 23 1978**  
OIL CON. COM.  
DIST. 3

# Typical B.O.P. Installation for Mega Verde Well



Series 900 Double Gate BOP, rated  
at 3000 psi Working Pressure  
When gas drilling operations begin a Shaffer type 50  
or equivalent rotating head is installed on top of the  
flow nipple and the flow line is converted into a blowie line