

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

E1 Paso Natural Gas Company

3. ADDRESS OF OPERATOR

P0 Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface  
1495'N, 1115'W

At proposed prod. zone  
1190

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5. LEASE DESIGNATION AND SERIAL NO.

SF 080668

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 27-4 Unit

8. FARM OR LEASE NAME

San Juan 27-4 Unit

9. WELL NO.

18A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

11. SEC., T., R., M., OR BLK.

Sec. 04, T. 27-N, R-4-W

NMPM E-4-27

12. COUNTY OR PARISH

Rio Arriba NM

13. STATE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
9 miles SE of Gobernador, NM

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

1115'

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

3000'

16. NO. OF ACRES IN LEASE

Unit

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

319.20

19. PROPOSED DEPTH

6730'

20. ROTARY OR CABLE TOOLS

Rotary

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

7235' GL 7225'

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS".

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36.0#	200'	138 cu.ft.circulated
8 3/4"	7"	20.0#	4500'	302 cu.ft.cover Ojo Alamo
6 1/4"	4 1/2"	10.5#	4350-6730'	419 cu.ft.circ. liner

Selectively perforate and sand water 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 W/2 of Section 4 is dedicated to this well.

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OIL CON. DIV.  
DIST. 3

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

*Deann Dora*

TITLE

Drilling Clerk

DATE

1-10-86

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

\*See Instructions On Reverse Side

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

Operator <b>EL PASO NATURAL GAS COMPANY</b>			Lease <b>SAN JUAN 27-4 UNIT (SE 080668)</b>		Well No. <b>18A</b>
Unit Letter <b>E</b>	Section <b>4</b>	Township <b>27 North</b>	Range <b>4 West</b>	County <b>Rio Arriba</b>	
Actual Postage Location of Well: <b>1495</b> feet from the <b>North</b> line and <b>1190</b> feet from the <b>West</b> line					
Ground Level Elev. <b>7225</b>	Producing Formation <b>Mesa Verde</b>		Pool <b>Blanco</b>	Dedicated Acreage: <b>319.20 Acres</b>	

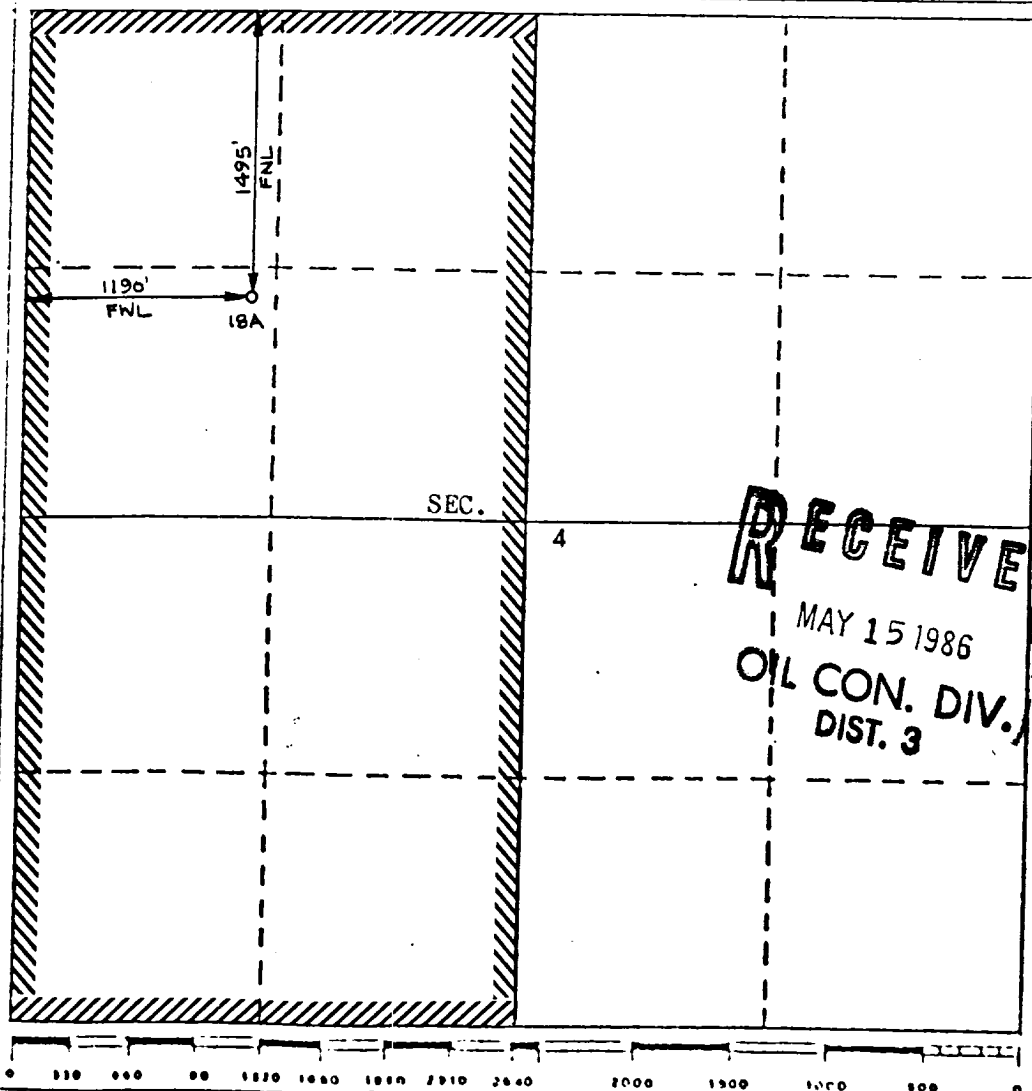
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 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 Division.

Note: Location restaked 12-15-85



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DIST. 3

**CERTIFICATION**

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

*[Signature]*

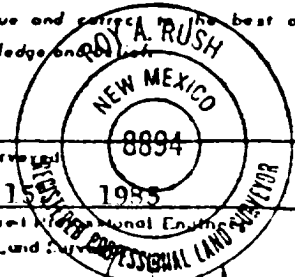
Name  
**Drilling Clerk**

Position  
**El Paso Natural Gas**

Company  
**1-13-86**

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  
**Dec. 15 1985**

Registered Professional Engineer  
on Land Survey

*[Signature]*

Certificate No. **8894**

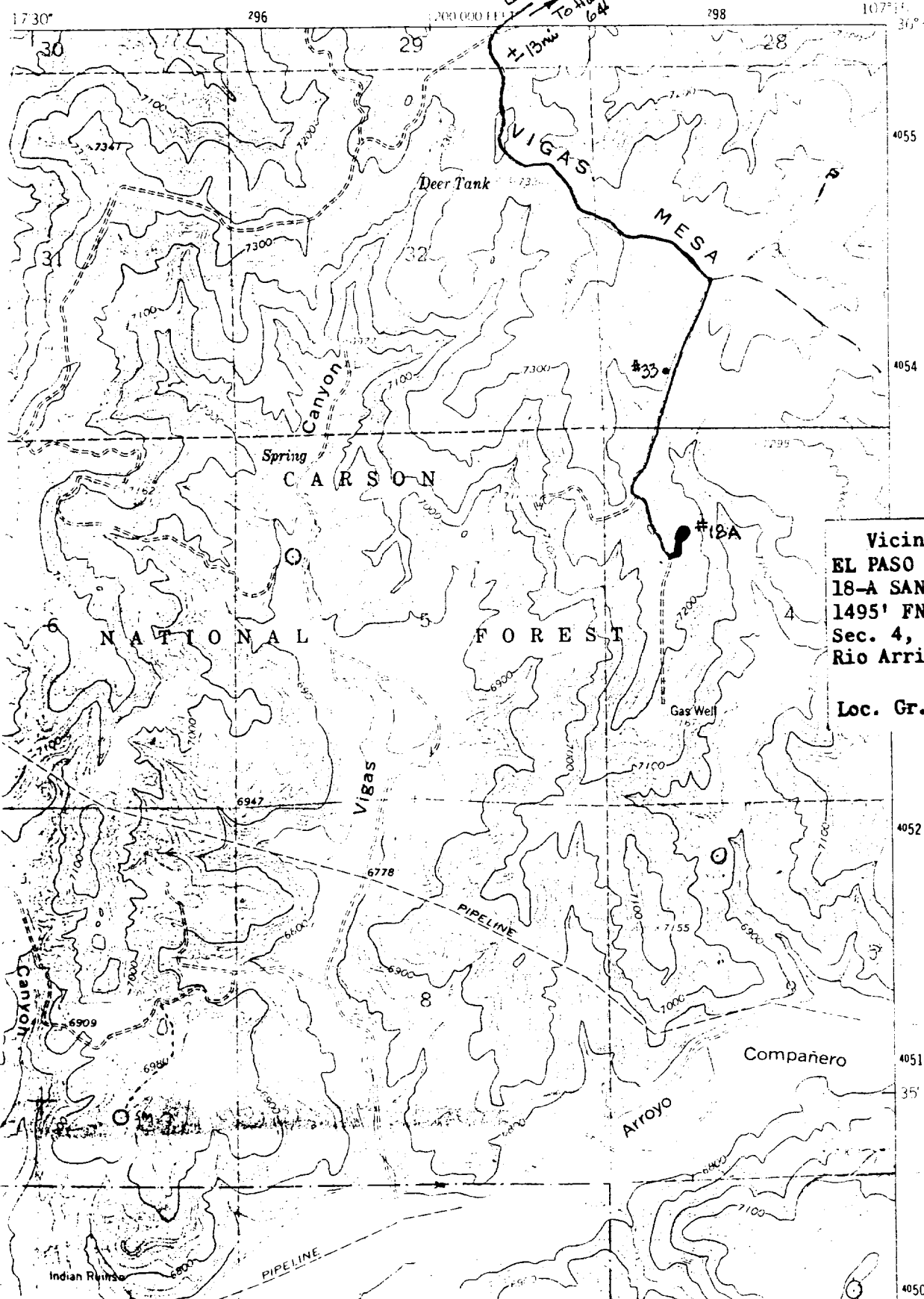
Fst Ser Rd

# VIGAS CANYON QUADRANGLE

NEW MEXICO-RIO ARRIBA CO

7.5 MINUTE SERIES (TOPOGRAPHIC)

357 11 N W  
LEANDRO CANY



Vicinity map for:  
EL PASO NATURAL GAS CO.  
18-A SAN JUAN 27-4 UNIT  
1495' FNL & 1115' FWL  
Sec. 4, T27N, R4W  
Rio Arriba Cnty., N.M.

Loc. Gr. Elev. 7235