

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY30-039-20545  
5. LEASE DESIGNATION AND SERIAL NO.

Contract #67

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. EASE OR LEASE NAME

Jicarilla 67

9. WELL NO.

13

10. FIELD AND POOL, OR FIELD CAT

Otero Chacra

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREASec. 20, T-25-N, R-5-W  
NMPM

12. COUNTY OR PARISH

13. STATE

Rio Arriba New Mexico

## 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

1650'S, 1650'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 drg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

3746'

20. ROTARY OR CABLE TOOLS

Rotary

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

6671'GL

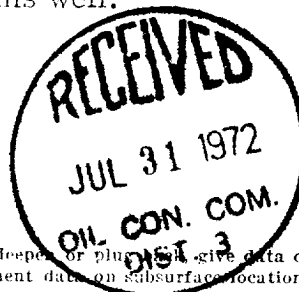
23.

## 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#	120'	110 cu. ft. to circulate
6 3/4"	2 7/8"	6.4#	3746'	465 cu. ft. to cover Ojo Alamo

Selectively perforate and sandwater fracture the Chacra formation.

The SE/4 of Section 20 is dedicated to this well.



RECEIVED

JUL 31 1972

U. S. GEOLOGICAL SURVEY

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 [Signature] TITLE Petroleum Engineer DATE July 27, 1972

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:OK

\*See Instructions On Reverse Side



NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-1-1-12  
Supersedes O-128  
Effective 1-1-61

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

Operator <b>EL PASO NATURAL GAS COMPANY</b>		Section <b>20</b>		Township <b>25-N</b>		Range <b>5-W</b>		County <b>RIO ARriba</b>		Well No. <b>13</b>	
Unit Location <b>J</b>		Section <b>20</b>		Township <b>25-N</b>		Range <b>5-W</b>		County <b>RIO ARriba</b>		Well No. <b>13</b>	
Acres of Section Located Within <b>1650</b>		Section <b>SOUTH</b>		Range <b>1650</b>		County <b>EAST</b>		Well No. <b>160.00</b>		Acres <b>160.00</b>	
Or and by Survey <b>6671</b>		Section <b>CHACRA</b>		Range <b>OTERO CHACRA</b>		County <b>160.00</b>		Well No. <b>160.00</b>		Acres <b>160.00</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 (bearing, acreage, 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:

**Pat O. Van Ryan**  
Petroleum Engineer

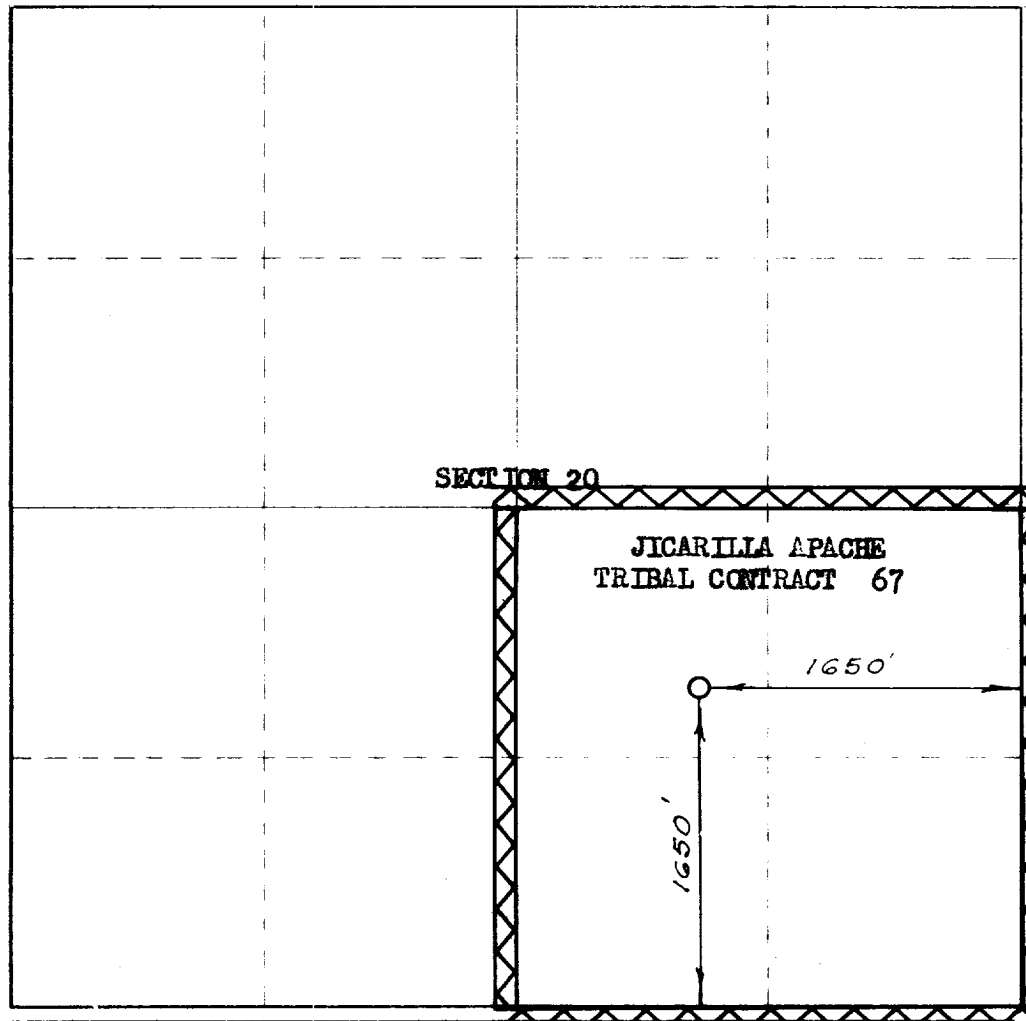
**El Paso Natural Gas Co.**

**July 27, 1972**

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.

**APRIL 28, 1972**

*David O'Brien*  
1760



330 660 990 1320 1650 1980 2310 2640