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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-291-35	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>			
b. Type of Well		8. Farm or Lease Name	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		Southern Petroleum State	
2. Name of Operator		9. Well No.	
El Paso Natural Gas Company		3 (OWHO)	
3. Address of Operator		10. Field and Pool, or Wildcat	
Box 990, Farmington, New Mexico		So. Blanco P. C. & Undesignated Chacra	
4. Location of Well		12. County	
UNIT LETTER C LOCATED 990 FEET FROM THE North LINE AND 1650 FEET FROM THE West LINE OF SEC. 32 TWP. 26N RGE. 6W NMPM		Rio Arriba	
19. Proposed Depth		19A. Formation	
3320		Pictured Cliffs & Chacra Rotary	
21. Elevations (Show whether DF, RT, etc.)		20. Rotary or C.T.	
6210' GL		Chacra Rotary	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Statewide			

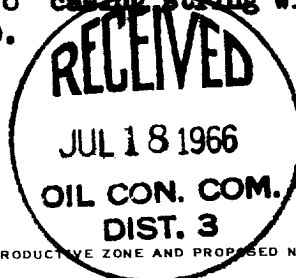
23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
4 3/4"	2 7/8"	6.4#	3320'	To cover Chacra Pay	

It is intended to deepen this well to the Chacra formation by pulling tubing and drilling out of 5 1/2" casing to approximately 3320'. Run a full string of 2 7/8" casing and cement with a sufficient amount to cover the Chacra pay. Perforate and fracture selective zones in the Chacra formation. Run 1 1/4" tubing to Chacra formation with production packer, and 1 1/4" tubing to the Pictured Cliffs formation.

A safety joint will be run in the 27/8" casing string to be set below the Pictured Cliffs perforations. After fracing the Chacra, the upper part of the 2 7/8" casing string will be pulled leaving a 2 7/8" production liner from about 2400' to T.D.



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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Original Signed F. H. WOOD Title Petroleum Engineer Date 7-14-66

(This space for State Use)
Original Signed by Emery C. Arnold

APPROVED BY TITLE SUPERVISOR DIST. #3 DATE JUL 18 1966

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

REVISED - 7/14/66

REVISED - 7/14/66

Date **JULY 13, 1966**

Section A.

Operator **EL PASO NATURAL GAS COMPANY**

Lease

SOUTHERN PETROLEUM STATE E-291-35

Well No. **3**

Unit Letter **C**

Section

32

Township

26 N

Range

6W

NMPM

Located **990**

Foot From

NORTH

Line

1650

Foot From

WEST

Line

County **RIO ARriba**

G. L. Elevation

6210

Dedicated Acreage

160

Acre

Name of Producing Formation

CHACRA - PICTURED CLIFF

Pool **UNDESIGNATED CHACRA**

SOUTH BLANCO PICTURED CLIFF

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?

Yes **X** No

2. If the answer to question one is "No", have the interests of all the owners been consolidated by communication agreement or otherwise? Yes No If answer is "Yes", Type of Consolidation:

3. If the answer to question two is "No", list all the owners and their respective interests below:

Owner

Land Description

Section B.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

El Paso Natural Gas Company

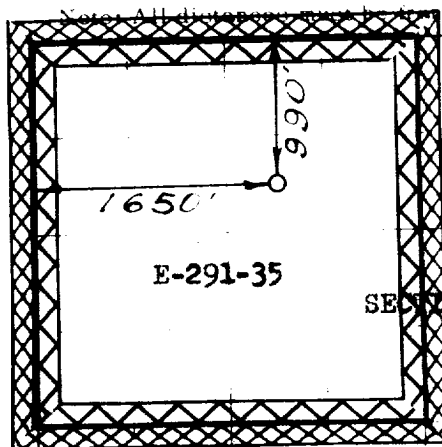
Operator

Original Signed **F. H. WOOD**

Representative

Box 990, Farmington, New Mexico

Address



Scale 1 inch equals 1 mile

This is to certify that the above plat was prepared from field notes of actual survey made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal

Date Signed

JANUARY 28, 1958

Paul Okilwa
Registered Professional Engineer and/or Land Surveyor

Farmington, New Mexico