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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65 ⁰³⁹ ~~30~~ 20'44

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
E-291-3

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 - 87401

4. Location of Well
UNIT LETTER **K** LOCATED **1450** FEET FROM THE **South** LINE
AND **1450** FEET FROM THE **West** LINE OF SEC. **32** TWP. **26N** RGE. **6W** NMPM

7. Unit Agreement Name

8. Farm or Lease Name
Southern Petroleum Co

9. Well No.
4

10. Field and Pool, or Wildcat
Undesignated Chacra

12. County
Rio Arriba

19. Proposed Depth
3870

19A. Formation
Chacra

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, RT, etc.)
6732' GL

21A. Kind & Status Plug. Bond
Statewide

21B. Drilling Contractor
Circle A Drlg.

22. Approx. Date Work will start

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	120'	95 Sks.	Surf.
6 3/4"	2 7/8"	6.4#	3870'	235 Sks.	2342' Top of Kirtland

Selectively perforate and sand water fracture the Chacra formation.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES Dec 9, 1968

The SW/4 of Section 32 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. 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.

Original signed by

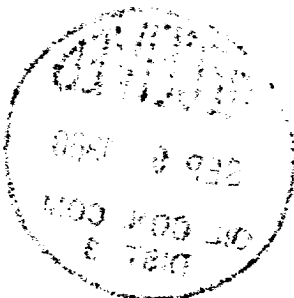
Signed Carl E. Matthews Title Petroleum Engineer Date September 4, 1968

(This space for State Use)

APPROVED BY Ernest C. Arnold TITLE Sup Dist III DATE 9-9-68

CONDITIONS OF APPROVAL IF ANY:

1



1000 1800 10
250 4 1800
1000 1800 10

1000 1800 10

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes O-178
Effective 1-1-68

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

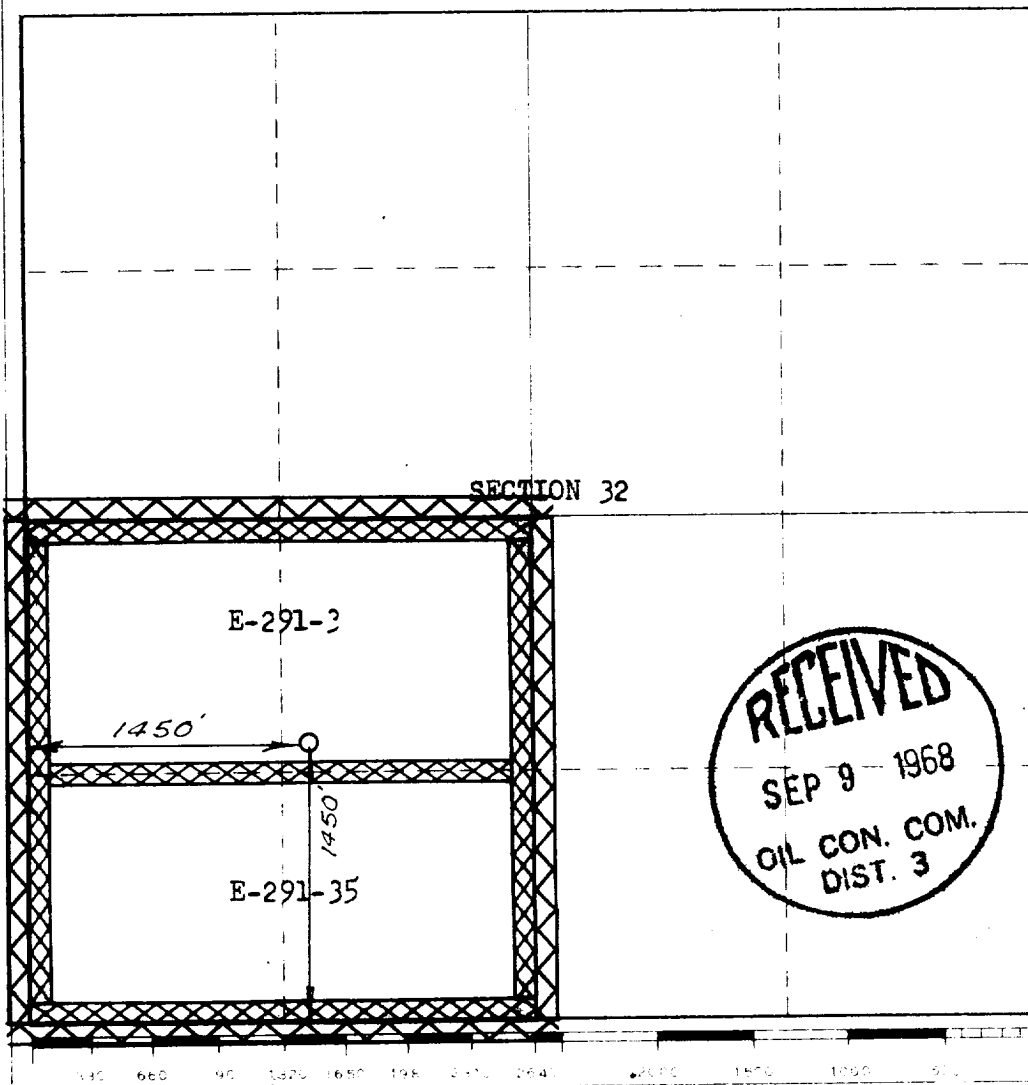
EL PASO NATURAL GAS COMPANY		SOUTHERN PETROLEUM COM. (E-291-3)		4
K	32	25-N	6-W	RIO ARRIBA
1450	SOUTH	1450	WEST	
6732	CHACRA	UNDESIGNATED CHACRA	160.00	

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 Communitization

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

Petroleum Engineer

El Paso Natural Gas Company

September 4, 1968

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.

AUGUST 28, 1968

Paul Oliver

1760