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# NEW MEXICO OIL CONSERVATION COMMISSION

845  
30-~~047~~-20407  
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.	K - 3348

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name <b>Huerfano Unit</b>	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name <b>Huerfano Unit</b>	
2. Name of Operator <b>El Paso Natural Gas Company</b>		9. Well No. <b>194</b>	
3. Address of Operator <b>Box 990, Farmington, New Mexico</b>		10. Field and Pool, or Wildcat <b>Basin Dakota</b>	
4. Location of Well INIT LETTER <b>F</b> LOCATED <b>1600</b> FEET FROM THE <b>North</b> LINE AND <b>1650</b> FEET FROM THE <b>West</b> LINE OF SEC. <b>16</b> TWP. <b>26N</b> RGE. <b>10W</b> NMPM		12. County <b>San Juan</b>	
21. Elevations (Show whether DF, RT, etc.) <b>6629' GL</b>		19. Proposed Depth <b>6800'</b>	19A. Formation <b>Dakota</b>
21A. Kind & Status Plug. Bond <b>Statewide</b>		21B. Drilling Contractor <b>Pico Drilling Co.</b>	20. Rotary or C.T. <b>Rotary</b>
22. Approx. Date Work will start <b>2-19-69</b>			

## 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#	200'	160	Surface
7 7/8"	4 1/2"	10.5#	6800'	650	1300'

## Production Casing Cementing:

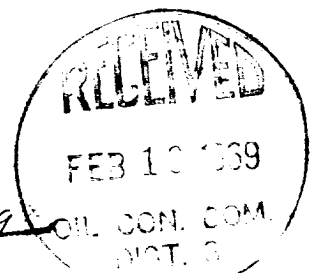
1st stage with 240 sks. cement to fill from total depth to top of the Gallup formation.  
2nd stage with 215 sks. cement to cover the Mesa Verde formations.  
3rd stage with 195 sks. cement to cover the Pictured Cliffs formations.

Selectively perforate and sandwater frac the Dakota formation.

The W/2 of Section 16 is dedicated to this well.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES May 19, 1969



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 2-18-69

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DIST. #3 DATE FEB 18 1969  
CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-101  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

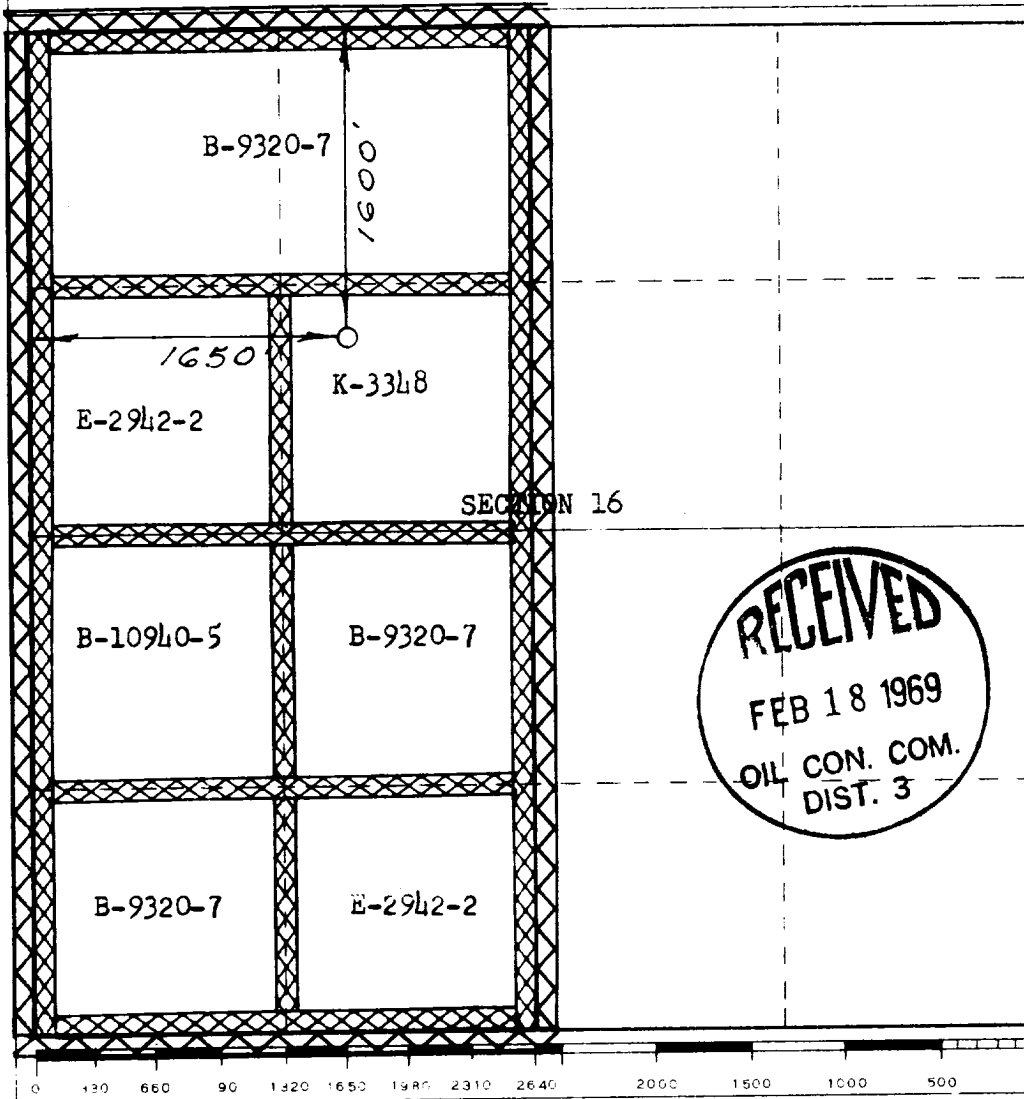
EL PASO NATURAL GAS COMPANY			HUERFANO UNIT (K-3348)		Well No. 194
Section 16	Range 26-N	Range 10-W	County SAN JUAN		
1600 feet from the NORTH line and		1650 feet from the WEST line			
Section 16	BASIN DAKOTA		Section 16		
6629	320.00		Area		

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.  
Original signed by  
Carl E. Matthews

Name  
**Petroleum Engineer**  
Position  
**El Paso Natural Gas Company**  
Company  
**February 18, 1969**  
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  
**NOVEMBER 27, 1968**

Registered Professional Engineer  
and or Land Surveyor  
*David J. Wilson*  
Certificate No. 1760