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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" 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"/>		San Juan 27-4 Unit	
2. Name of Operator		8. Firm or Lease Name	
El Paso Natural Gas Company		San Juan 27-4 Unit	
3. Address of Operator		9. Well No.	
PO Box 990, Farmington, NM 87401		16	
4. Location of Well UNIT LETTER <u>M</u> LOCATED <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>990</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>17</u> TWP. <u>27N</u> RGE. <u>4W</u> NMPM		10. Field and Pool, or Wildcat	
		Blanco Mesa Verde	
		12. County	
		Rio Arriba	
		19. Proposed Depth	
		7818'	
		19A. Formation	
		Mesa Verde	
		20. Rotary or C.T.	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
6672' GL			
21A. Kind & Status Plug. Bond		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
15"	13 3/4"	48.00	210'	200 sks.	circ.
12 1/4"	9 5/8"	36.00	3725'	1000 sks.	
8 3/4"	5 1/2"	15.50	7874'	1200 sks.	3100 by Temp. survey

The subject well was originally drilled to the Dakota. Because of its inability to produce, the Dakota perforations were squeezed with 70 sks. of cement. The perforations were pressure tested to 3000 psi and held.

It is our intention to:

Test casing to 3000 psi.

Selectively perforate and sandwater fracture the Mesa Verde formation.

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 Lora J. Davis Title Drilling Clerk Date September 27, 1973

(This space for State Use)

APPROVED BY AR Kendrick TITLE PETROLEUM ENGINEER IN CH. NO. 3 DATE SEP 28 1973

CONDITIONS OF APPROVAL, IF ANY: