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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-25821
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well 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 Barnes
2. Name of Operator El Paso Natural Gas Company		9. Well No. 16
3. Address of Operator PO Box 990, Farmington, NM 87401		10. Field and Pool, or Wildcat Blanco Pictured Cliffs
4. Location of Well UNIT LETTER M LOCATED 1060 FEET FROM THE South LINE AND 810 FEET FROM THE West LINE OF SEC. 23 TWP. 32N RGE. 11W NMPM		12. County San Juan
19. Proposed Depth 3325'		19A. Formation Pic. Cliffs
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 6363' GL
21A. Kind & Status Plug, Bond statewide		21B. Drilling Contractor
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"	24.0#	120'	106 cu.ft.	circulated
6 3/4"	2 7/8"	6.4#	3325'	474 cu.ft.	to cover Ojo
					Alamo

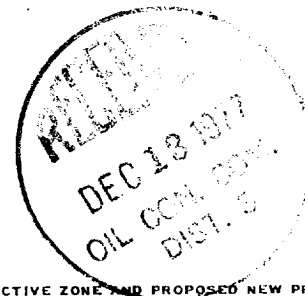
Selectively perforate and sandwater fracture the Pictured Cliffs formation.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

EXPIRE 3-13-78

The SW/4 of Section 23 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.

Signed N. J. Guice Title Drilling Clerk Date December 8, 1977

(This space for State Use)

APPROVED BY Al Kendrick TITLE SECRETARY DATE 12/13/77

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator EL PASO NATURAL GAS COMPANY			Lease BARNES (FEE)		Well No. 16
Unit Letter M	Section 23	Township 32 NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well: 1060 feet from the SOUTH line and 810 feet from the WEST line					
Ground Level Elev. 6363	Producing Formation PICTURED CLIFFS		Pool BLANCO PICTURED CLIFFS EXT.	Dedicated Acreage: 160.00 Acres	

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 (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 communization, unitization, force-pooling, etc?

(x) Yes () No If answer is "yes," type of consolidation Communization

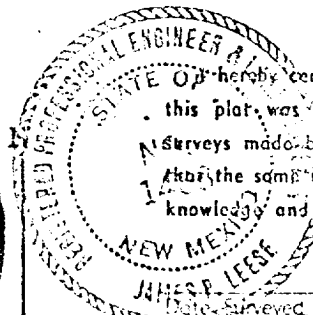
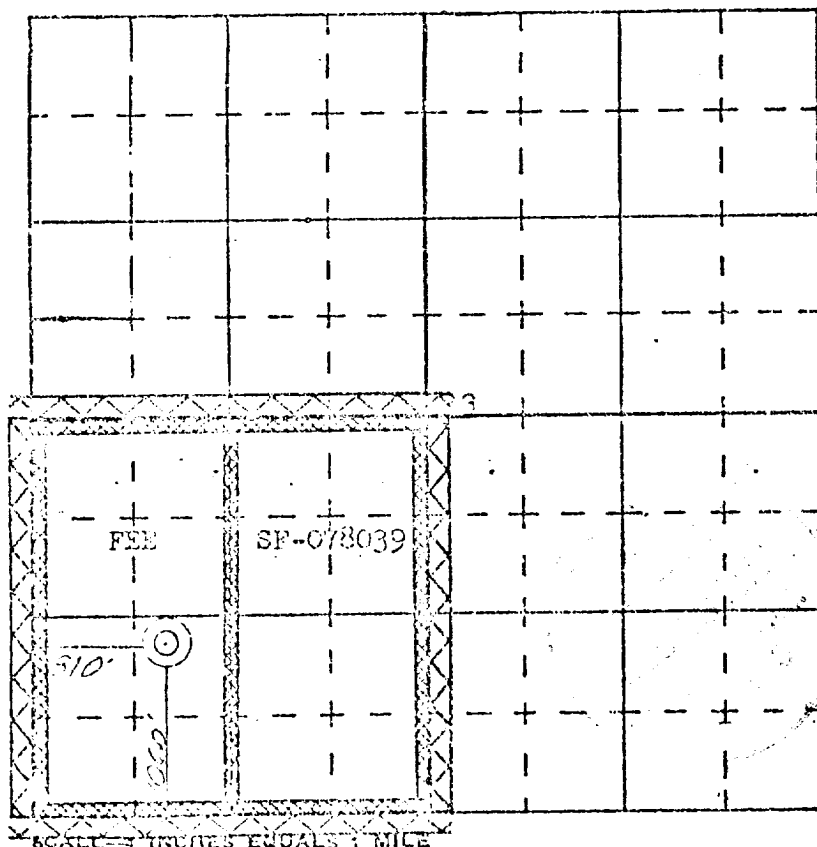
If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communization, 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.

M. J. Buice
 Name
Drilling Clerk
 Position
El Paso Natural Gas Co.
 Company
December 8, 1977
 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.

4 November 1977
James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor **James P. Leese**