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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-22804
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.
7. Unit Agreement Name
8. Farm or Lease Name Yager
9. Well No. No. 4
10. Field and Pool, or Wildcat Undesignated PC and S. Los Pinos Fruit, Ext.
12. County San Juan
19. Proposed Depth 3700'
19A. Formation Pictured Cliffs
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 6601 GL
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor
22. Approx. Date Work will start December 15, 1977

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1a. Type of Work 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 type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator Palmer Oil & Gas Company	
3. Address of Operator P. O. Box 2564, Billings, Montana 59103	
4. Location of Well UNIT LETTER E LOCATED 4600-1450 FEET FROM THE North LINE AND 835-850 FEET FROM THE West LINE OF SEC. 10 TWP. 31N RGE. 7W NMPM	
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#	250'	225 sx	
7-7/8"	5-1/2"	14#	3700'	600 sx	

- Palmer will drill a 3700' Pictured Cliffs test in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 10, Township 31 North, Range 7 West.
- Well to be drilled by rotary tools. Set 250' of 8-5/8" casing and cement to surface; drill 7-7/8" hole to total depth.
- IES and Porosity Logs will be run at T.D. All potential zones will be analyzed from surface to T.D., and if potentially commercial, 5 $\frac{1}{2}$ " casing will be set, cemented and perforated.
- After perforating, the productive zones will be fractured, if necessary.
- The gas is dedicated.
- A Shaffer 8" - 3000' BOP with blind and pipe rams to be used.
- Spacing unit comprises the NW $\frac{1}{4}$ Section 10.
- Survey plat will be forwarded. attached.

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 James C. Routson Title Petroleum Engineer Date 11-28-77
(This space for State Use)

APPROVED BY Al Kendrick TITLE SECRETARY DIST. #3 DATE DEC 1 1977
CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

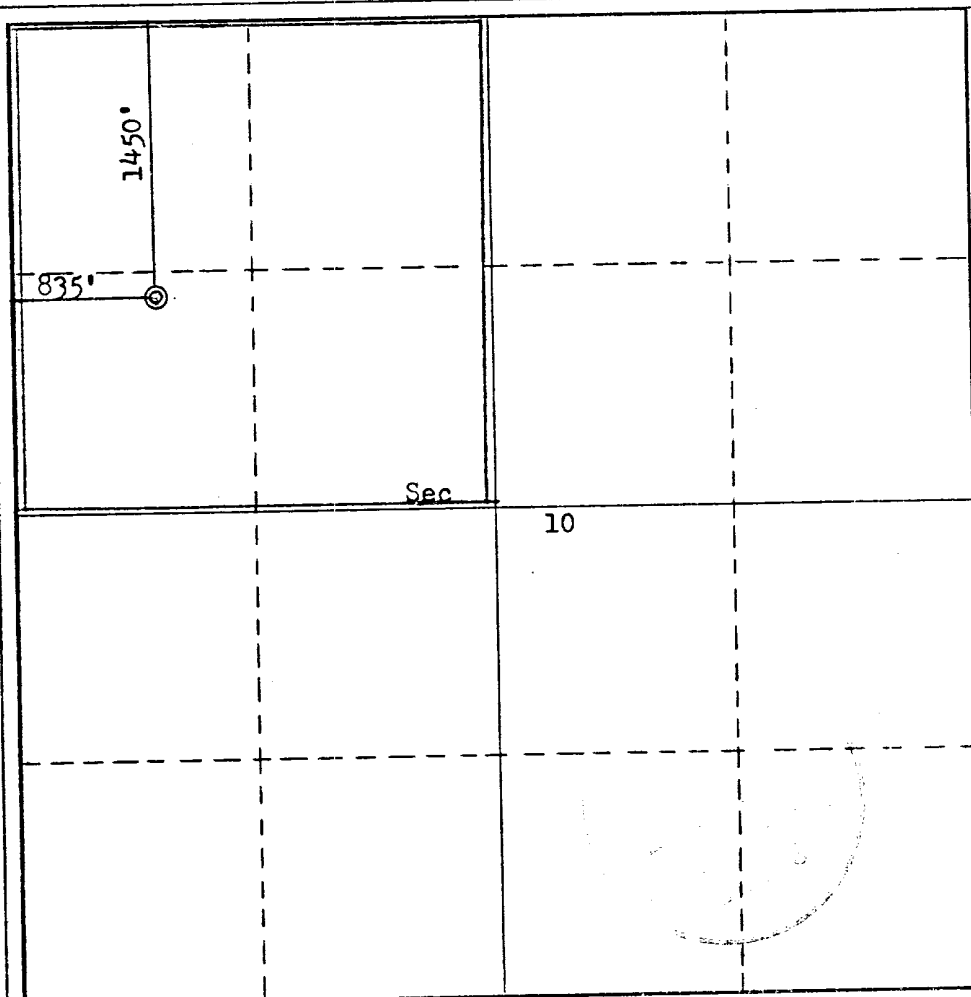
Operator Palmer Oil & Gas Company			Lease Yager		Well No. 4
Unit Letter E	Section 10	Township 31N	Range 7W	County San Juan	
Actual Footage Location of Well: 1450 feet from the North line and 835 feet from the West line					
Ground Level Elev. 6601	Producing Formation Pictured Cliffs		Pool Undesignated PC and S. Los Pinos Fruitland Extension		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 communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

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.

J. D. Routson
Name
James G. Routson

Position
Petroleum Engineer

Company
PALMER OIL & GAS COMPANY

Date
11-28-77

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
October 15, 1977

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.
3950

