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NEW MEXICO OIL CONSERVATION COMMISSION

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. LG-3876

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 type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name State
2. Name of Operator Palmer Oil & Gas Company		9. Well No. No. 1
3. Address of Operator P. O. Box 2564		10. Field and Pool, or Wildcat Blanco Mesaverde
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>2200'</u> FEET FROM THE <u>South</u> LINE AND <u>800</u> FEET FROM <u>EAST</u> LINE OF SEC. <u>2</u> TWP. <u>31N</u> RGE. <u>7W</u> NMPM		12. County San Juan
19. Proposed Depth 6,000'		19A. Formation Mesa Verde
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) Blanket
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor May 15, 1977

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#	200'	185	Surface
7-7/8"	5-1/2"	15.5#	6000'	350	4,000'

- Palmer will drill a 6,000' Mesa Verde test in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 2, Township 31 North, Range 7 West.
- Well to be drilled by rotary tools. Set 200' 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.
- A Shaffer 10" - 3000 psi BOP with blind and pipe rams to be used.
- The gas is not dedicated.
- Survey plat to be forwarded.
- Spacing unit comprises Lots 5,6,7,8, E $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ of Section 2.

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 Donald K. Roberts Title President Date March 2, 1977

(This space for State Use)

APPROVED BY AK Kendrick TITLE SUPERVISOR DIST. #3 DATE MAR 07 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.

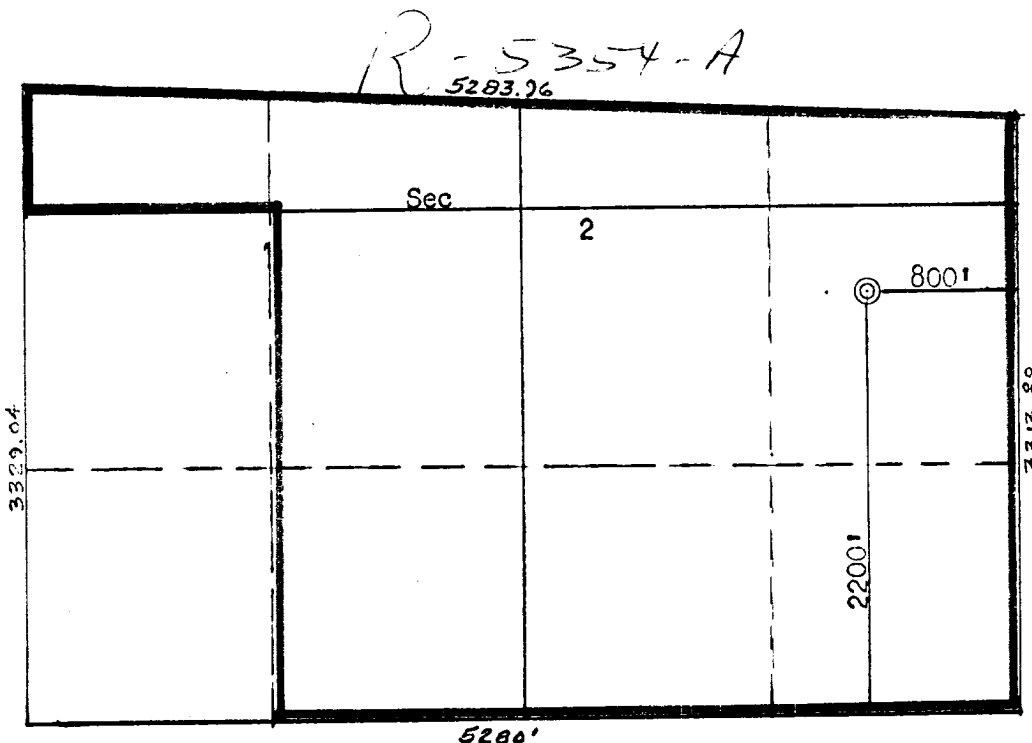
Operator Palmer Oil Company			Lease State		Well No. 1
Unit Letter I	Section 2	Township 31N	Range 7W	County San Juan	
Actual Footage Location of Well: 2200 feet from the South line and 800 feet from the East line					
Ground Level Elev: 6539	Producing Formation Mesaville		Pool Blanco		Dedicated Acreage: 310.48 Acres

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 _____

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.

Name _____
Position *Agent*
Company *Palmer Oil Co.*
Date *3-14-77*

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 *March 13, 1977*
Registered Professional Engineer and Land Surveyor
Fred B. Kern
Certificate No. *3950*

Scale: 1"=1000'