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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-22381
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 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"/>		8. Farm or Lease Name Yager	
2. Name of Operator Palmer Oil & Gas Company		9. Well No. No. 1	
3. Address of Operator P. O. Box 2564, Billings, Montana 59103		10. Field and Pool, or Wildcat Blanco Mesaverde	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1800</u> FEET FROM THE <u>North</u> LINE AND <u>850</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>10</u> TWP. <u>31N</u> RGE. <u>7W</u> NMPM		12. County San Juan	
APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED <u>DONES 6/6/77</u>		19. Proposed Depth 6,000'	
21. Elevations (Show whether DF, RT, etc.)		19A. Formation Mesa Verde	
21A. Kind & Status Plug. Bond Blanket		20. Rotary or C.T. Rotary	
21B. Drilling Contractor		22. Approx. Date Work will start May 1, 1977	

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 SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 10, 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 W $\frac{1}{2}$ SE $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$ Section 3 and NW $\frac{1}{4}$ Section 10.

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. 11 DATE MAR 07 1977
CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes C-12
Effective 1-1-65

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

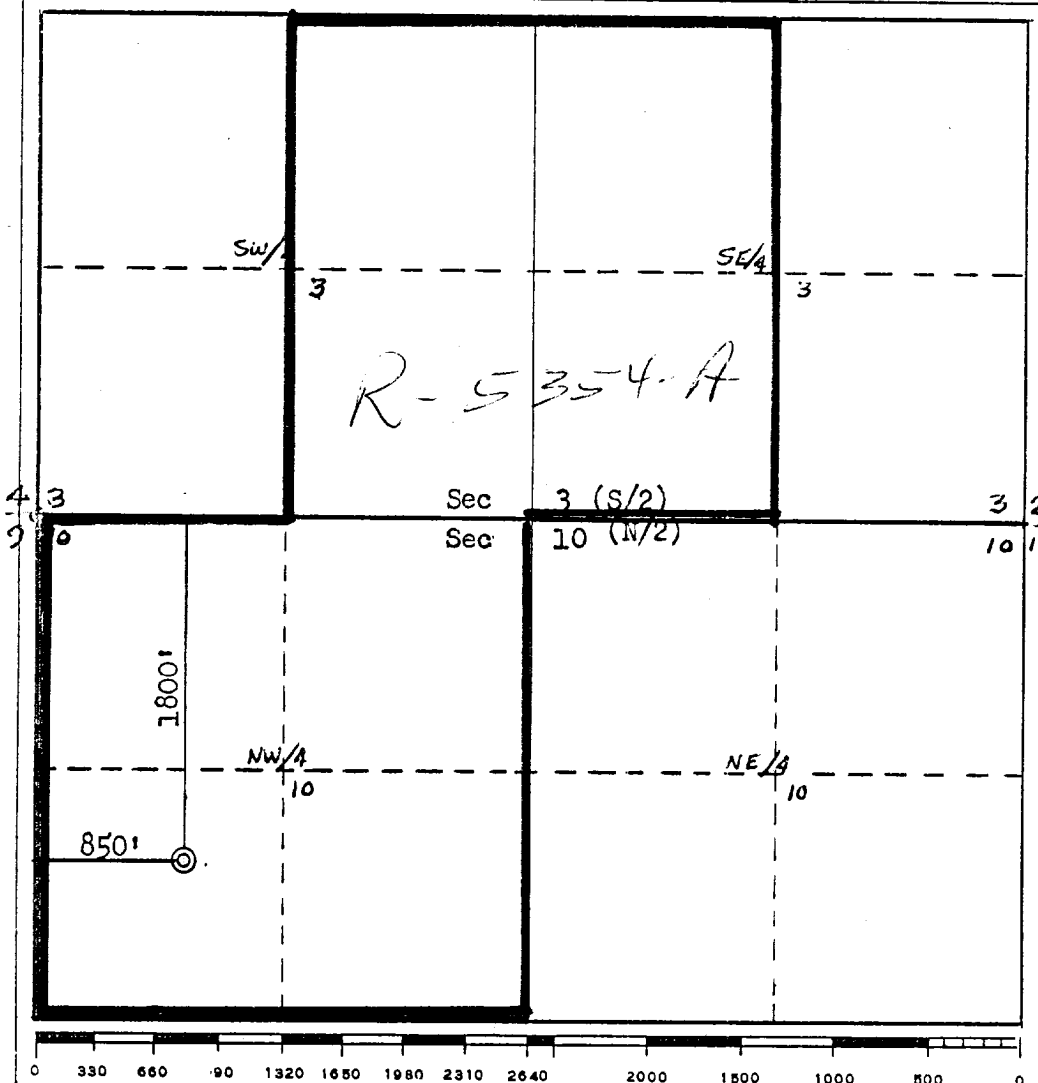
Operator Palmer Oil Company			Lease Yager		Well No. 1
Unit Letter E	Section 10	Township 31N	Range 7W	County San Juan	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1800 feet from the North line and 850 feet from the West line </div>					
Ground Level Elev. 6572	Producing Formation Mesavende	Pool Blanco	Dedicated Acreage: 3.20 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 *W. F. Kelleys*
 Position *Agent*
 Company *Palmer Oil Company*
 Date *March 15, 1977*

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/or Land Surveyor
Fred B. Keris Jr.
 Certificate No. *3950*

AMENDED WELL LOCATION AND ACREAGE DEDICATION PLAT

101
Supersedes C-120
Effective 1-1-65

Operator Palmer Oil Company			Lease Yager		Well No. 1
Unit Letter E	Section 10	Township 31N	Range 7W	County San Juan	
Actual Footage Location of Well: 1700 feet from the North line and 850 feet from the West line					
Ground Level Elev. 6580	Producing Formation		Pool		Dedicated Acreage: <div style="text-align: right;">Acres</div>

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 *J. F. Mader*
 Position *Agent*
 Company *Palmer Oil & Gas Co.*
 Date *3-28-77*

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 *March 24, 1977*
 Registered Professional Engineer and/or Land Surveyor
Fred B. Kern Jr.
 Certificate No. *3950*

