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# NEW MEXICO OIL CONSERVATION COMMISSION

30-045-22707  
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.
V-81

## 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	
2. Name of Operator		9. Well No.	
Palmer Oil & Gas Company		No. 2	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 2564, Billings, Montana 59103		Basin Dakota	
4. Location of Well		12. County	
UNIT LETTER B LOCATED 870' FEET FROM THE North LINE		San Juan	
AND 1700' FEET FROM THE East LINE OF SEC. 36 TWP. 30N RGE. 14W NMPM			
19. Proposed Depth		19A. Formation	
6,050'		Dakota	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
5487 GL		September 1, 1977	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket			

## 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" (new)	24#	300'	250 sx	Surface
7-7/8"	4-1/2" (new)	10.5#	6050'	350 sx	4,050'

- Palmer will drill a 6,050' Dakota test in the NW $\frac{1}{4}$ NE $\frac{1}{4}$  Section 36-T30N-R14W.
- Well will be mud drilled with rotary tools. Set 300' 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, 4 $\frac{1}{2}$ " casing will be set, cemented and perforated.
- After perforating, the productive zones will be fractured, if necessary.
- A Shaffer 8" - 3000 psi BOP with blind and pipe rams to be used.
- Part of gas on spacing unit is dedicated to Northwest Pipeline Company.
- Spacing unit comprises the E $\frac{1}{2}$  Section 36.
- Survey plat 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 Robert D Ballanline Title Drilling Superintendent Date August 5, 1977

(This space for State Use)

APPROVED BY AR Goodrich TITLE  DATE

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-12  
Effective 1-1-65

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

Operator <b>Palmer Oil &amp; Gas Company</b>			Lease <b>State 36</b>		Well No. <b>2</b>
Unit Letter <b>B</b>	Section <b>36</b>	Township <b>30N</b>	Range <b>14W</b>	County <b>San Juan</b>	
Actual Footage Location of Well:					
<b>870</b>		feet from the <b>North</b>	line and <b>1700</b>	feet from the <b>East</b>	line
Ground Level Elev. <b>5487</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>	Dedicated Acreage: <b>323.59</b> 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.

	<p align="center"><b>CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>[Signature]</i> Name <b>L. C. Campbell</b></p> <p>Position <b>Land Manager</b></p> <p>Company <b>Palmer Oil &amp; Gas Company</b></p> <p>Date <b>August 23, 1977</b></p>
	<p>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.</p>
	<p>Date Surveyed <b>August 3, 1977</b></p> <p>Registered Professional Engineer and/or Land Surveyor <i>[Signature]</i> <b>Fred B. Kern, Jr.</b></p>
	<p>Certificate No. <b>3950</b></p>

