

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-075-22773
5. LEASE DESIGNATION AND SERIAL NO.

NM-28749

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

No. 3

10. FIELD AND POOL, OR WILDCAT
Undesignated PT and S. ✓

Los Pinos Fruitland Ext.

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREASW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 10-31N-7W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Palmer Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1850 FNL, 1640 FEL

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 Miles North of Navajo City, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

790'

16. NO. OF ACRES IN LEASE

160.00

17. NO. OF ACRES ASSIGNED

TO THIS WELL
160.00 ✓

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

200'

19. PROPOSED DEPTH

3700'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6539' GL

22. APPROX. DATE WORK WILL START*

December 1, 1977

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" new	24#	250	225
7-7/8"	5-1/2" new	14#	3700'	600

- Palmer Oil & Gas Company will air drill a 3700' Pictured Cliffs test.
- Surface pipe will be set to 250'. 5 $\frac{1}{2}$ " casing will be set if well is productive.
- Electric Log will be run from surface to 2700'.
- After perforating the productive zone will be fractured if necessary.
- The gas is dedicated.
- A Shaffer 8" - 3000' BOP with blind and pipe rams to be used.
- The spacing unit comprises the NE $\frac{1}{4}$ Section 10.
- Survey plat is 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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

James G. Routson
(This space for Federal or State office use)

TITLE

Petroleum Engineer

DATE

11-3-77

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OK

*See Instructions On Reverse Side

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.

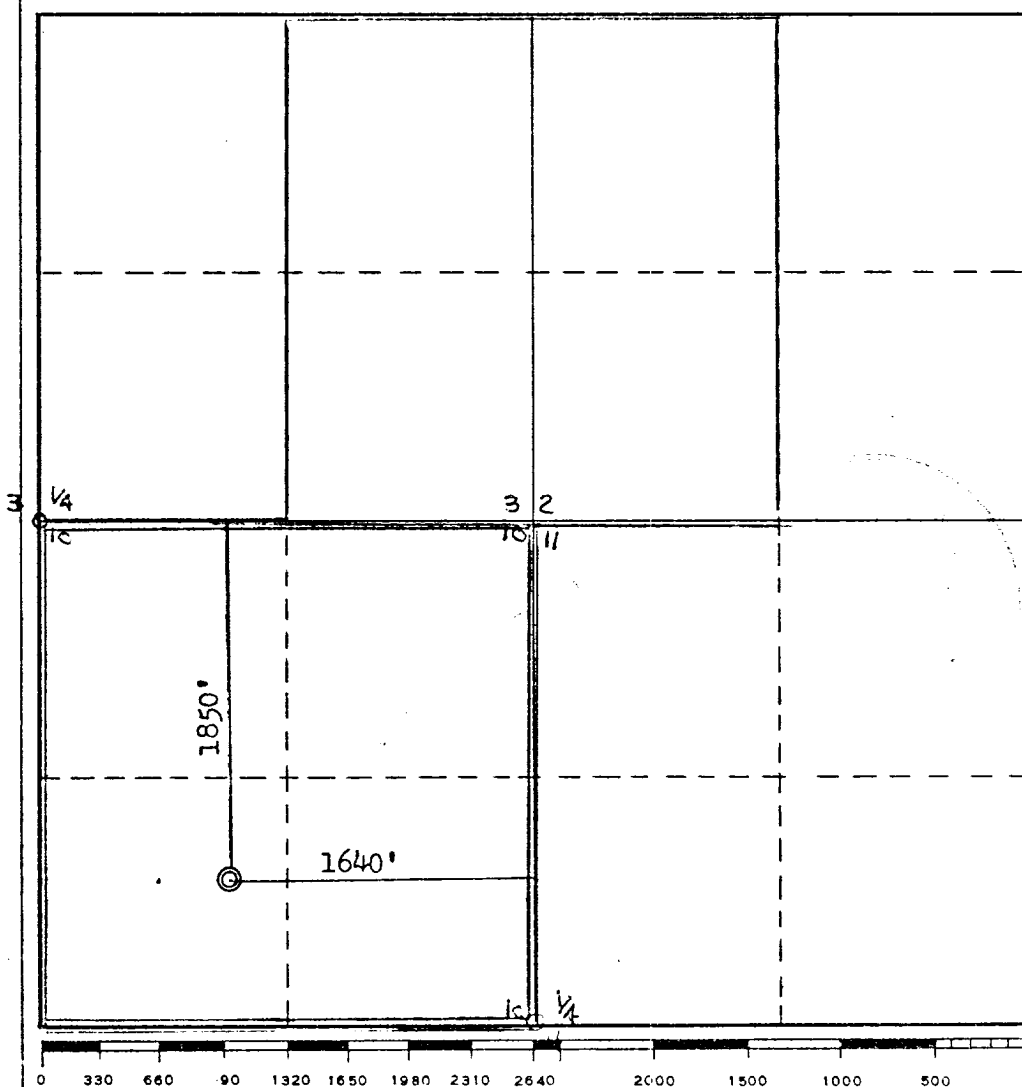
Operator Palmer Oil & Gas Company			Lease Federal		Well No. 3
Unit Letter G	Section 10	Township 31N	Range 7W	County San Juan	
Actual Footage Location of Well: 1850 feet from the North line and 1640 feet from the East line					
Ground Level Elev. 6539	Producing Formation Pictured Cliffs	Pool Undesignated 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 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.

James G. Routson

Name

James G. Routson

Position

Petroleum Engineer

Company

PALMER OIL & GAS COMPANY

Date

11-3-77

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.

Certificate No.

3950