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Form C-105  
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                |                                         |
|--------------------------------|-----------------------------------------|
| 5a. Indicate Type of Lease     |                                         |
| State <input type="checkbox"/> | Fee <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |                                         |

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name

F Montoya 27

9. Well No.

No. 1

10. Field and Pool, or Wildcat  
Basin Dakota and  
Blanco Mesaverde

b. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

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 P LOCATED 790' FEET FROM THE East LINE AND 790 FEET FROM

THE South LINE OF SEC. 27 TWP. 32N RGE. 13W NMPM

12. County

San Juan

15. Date Spudded 11/24/78 16. Date T.D. Reached 12/9/78 17. Date Compl. (Ready to Prod.) 3-13-79 18. Elevations (DF, RKB, RT, GR, etc.) 5838' GL, 5850' KB 19. Elev. Casinghead

20. Total Depth 6953 21. Plug Back T.D. 6868 22. If Multiple Compl., How Many 2 23. Intervals Drilled By Rotary Tools 0-TD Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

6706-6840 - Dakota  
4505-4754 - Mesaverde

25. Was Directional Survey Made  
NO

26. Type Electric and Other Logs Run

Schlumberger FDC/CNL-GR, FDC-GR, ILL, SNP

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 9-5/8"      | 36#            | 243' KB   | 12-1/4"   | 275 SX           |               |
| 7"          | 20#            | 4898' KB  | 8-3/4"    | 300 SX           |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

29. LINER RECORD

| SIZE  | TOP      | BOTTOM   | SACKS CEMENT | SCREEN |
|-------|----------|----------|--------------|--------|
| 4-1/2 | 4790.82' | 6941.74' | 425 SX       |        |
|       |          |          |              |        |
|       |          |          |              |        |

30. TUBING RECORD

| SIZE    | DEPTH SET | PACKER SET |
|---------|-----------|------------|
| 2-3/8"  | 6798.10'  | 5980' KB   |
| 2-1/16" | 4691.19'  |            |
|         |           |            |

31. Perforation Record (Interval, size and number)

6804-20, 6732-42, 6706-12, 6820-40  
4505, 4516, 4520, 4524, 4538, 4545, 4552, 4558  
4580, 4585, 4608, 4617, 4667, 4714, 4725, 4754  
(1 shot/foot)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

6706-6840 - 1000 gal. 15% MSR; foam fraced w/14,000# 100 mesh, 60,000# 20/40 sand, 440 bbls 5% HCl, 1,575,000 scf/N<sub>2</sub>, 75 quality foam

4505-4754 - 600 gal. 15% MSR; fraced w/38,000# 100 mesh, 162,000# 10/20 sand, 50,000 gal. YF4-PSD, 20,000 gal. water frac 40 w/ 2% HCl and 670,000 scf/N<sub>2</sub>

33. PRODUCTION

|                       |                 |                                                                     |                         |                                |              |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|--------------------------------|--------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         | Well Status (Prod. or Shut-in) |              |
| Shut-in               |                 | flowing                                                             |                         | shut-in                        |              |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil - Bbl.                     | Gas - MCF    |
| Dak. 2/12/79          | 3 hrs           | 3/4"                                                                |                         |                                | 310.25       |
| MV 3/13/79            | 3 hrs           | 3/4"                                                                |                         |                                | 155.87       |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.              | Gas - MCF                      | Water - Bbl. |
| Dak. 191 psig         |                 |                                                                     |                         | Dak. 2482                      |              |
| MV 93 psig            |                 |                                                                     |                         | MV 1247                        |              |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
to be sold

Test Witnessed By  
Joe Bille

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Robert D Ballantyne  
Robert D. Ballantyne

TITLE Drilling Superintendent

DATE 3/13/79

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

|                          |                        |                             |                        |
|--------------------------|------------------------|-----------------------------|------------------------|
| T. Anhy _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinbry _____         | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____            | T. _____               |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____               |
| T. Abo _____             | T. Bone Springs _____  | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____             | T. _____               |
| T. Penn. _____           | T. _____               | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn. "A" _____          | T. _____               |

FORMATION RECORD (Attach additional sheets if necessary)

| From | To | Thickness<br>in Feet | Formation | From | To | Thickness<br>in Feet | Formation |
|------|----|----------------------|-----------|------|----|----------------------|-----------|
|      |    |                      |           |      |    |                      |           |