

STATE OF NEW MEXICO  
OIL AND GAS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2080

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

10. Indicate Type of Lease  
State ☐ Fee ☐  
11. Lease No. & Date Lease Exp.  
C-9725

12. Unit Agreement Name

Miguel Creek

13. Form of Lease Name

S.F.P.R.R.

14. Well No.

#47

15. Field and Plant, or Wildcat

Miguel Creek Gallup

1. TYPE OF WELL

Oil Well ☒Gas Well ☐Dry ☐Other ☐

2. TYPE OF COMPLETION

New Well ☒Re-com ☐Deepen ☐Plug Back ☐Diff. Serv. ☐Other ☐

3. Name of Operator

Capital Oil &amp; Gas Corporation

4. Address of Operator

P.O. Box 1038 Kilgore, Texas 75662

5. Location of Well

Well Letter L Located 2310 Feet from the South Line and 330 Feet fromWest Line of Sec. 21 Twp. 16N R. 6W

County

McKinley

16. Date Spudded

7-6-81

18. Date T.D. Reached

7-8-81

17. Date Compl. (Ready to Prod.)

9-11-81

18. Elevations (L.F., H.A., R.T., G.H., etc.)

6477'

19. Elev. Casinghead

6477'

20. Total Depth

865'

21. Plug Back T.D.

865'

22. If Multiple Compl., How Many

--

23. Intervals Drilled By

Rotary Tools

Cable Tools

XX

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

841' - 870' Hospah

25. Was Directional Survey Made

YES

26. Type Electric and Other Logs Run

GR/N

27. Was Well Cored

YES

## CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 5 1/2"      | 14.0           | 865'      | 7 7/8"    | 125 sx           | --            |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

## LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |
|      |     |        |              |        |
|      |     |        |              |        |

## TUBING RECORD

| SIZE   | DEPTH SET | PACKER SET |
|--------|-----------|------------|
| 2 3/8" | 820'      | --         |
|        |           |            |
|        |           |            |

28. Perforation Record (Interval, size and number)

842' - 852'

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
|                |                               |
|                |                               |
|                |                               |

## PRODUCTION

|                       |                 |                                                                     |                         |            |              |                           |                           |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|---------------------------|---------------------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              |                           |                           |
| 10-14-81              |                 | Pump 1 1/2" x 8'                                                    |                         |            |              |                           |                           |
| Date of Test          | Hours Tested    | Casing Size                                                         | Prod'n. for Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.              | Oil Gravity - API (Corr.) |
| 11-4-81               | 24              | Full                                                                | →                       | 9          | --           | 8                         | --                        |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.) |                           |
| --                    | --              | →                                                                   | 9                       | --         | 8            | 31                        |                           |

32. Disposition of Casing (SOL, used for fuel, vented, etc.)

Test Witnessed by  
Jim Pepper

33. List of Attachments

I, Harry Blom, being sworn, depose and say that the foregoing is a true and correct copy of the original report and log, and that I am the author of the same.

NAME

TITLE

DATE

11-13-81

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TABLE 4. POLY(VINYL PIPERIDINE) GRAFTS, WITH OLIGOMERIZATION AND POLYMERIZATION

## Southeastern New Mexico

### Northern New Mexico

|                          |                        |                                |                        |
|--------------------------|------------------------|--------------------------------|------------------------|
| T. Ashy _____            | T. Canyon _____        | T. Ojo Alamo _____             | T. Penn. "B" _____     |
| T. Salt _____            | T. Stream _____        | T. Kittland Fruitland _____    | T. Penn. "C" _____     |
| D. 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. Quren _____           | T. Silurian _____      | T. Point Lookout _____         | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Blancos 0-840' _____        | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup 840'-860' _____      | T. Ignacio Qizte _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn 860'-865' _____ | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____                | T. _____               |
| T. Winebry _____         | T. Gr. Wash. _____     | T. Morrison _____              | T. _____               |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____               | T. _____               |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____               | T. _____               |
| T. Aho _____             | T. Bone Springs _____  | T. Wingate _____               | T. _____               |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____                | T. _____               |
| T. Penn. _____           | T. _____               | T. Permian _____               | T. _____               |
| T. Cisco (Dough C) _____ | T. _____               | T. Penn. "A" _____             | T. _____               |

**OIL OR GAS SANDS OR ZONES**

No. 1, from 840 to 860 No. 4, from to  
No. 2, from to No. 5, from to  
No. 3, from to No. 6, from to

## IMPORTANT WATER SANDS

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_

**FORMATION RECORD (Attach additional sheets if necessary)**

| From | To  | Thickness<br>in Feet | Formation     | From | To | Thickness<br>in Feet | Formation |
|------|-----|----------------------|---------------|------|----|----------------------|-----------|
| -0-  | 840 | 840                  | Manchos       |      |    |                      |           |
| 840  | 860 | 20'                  | Hospah-Gallup |      |    |                      |           |
| 860  | 865 | 5'                   | Greenhorn     |      |    |                      |           |