

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Form approved  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL GAS  
WELL X WELL X DRY 070

b. TYPE OF COMPLETION:  
NEW WORK DEEP- PLUG DIFF.  
WELL X OVER EN BACK RESVR. Other 070

2. NAME OF OPERATOR

CAULKINS OIL COMPANY

3. ADDRESS OF OPERATOR OR

P.O. BOX 340  
BLOOMFIELD, NM 87413

Ph. (505) 632-1246

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

At surface 1654' F/S 1526' F/W

At top prod. interval reported below

At total depth

14. PERMIT NO.

30-039-25876

DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUNDED

7-28-98

16. DATE T.D. REACHED

8-10-98

17. DATE COMPL. (Ready to prod.)

11-11-98

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6612 GR

19. ELEV. CASINGHEAD

6612

20. TOTAL DEPTH, MD & TVD

7635'

21. PLUG, BACK T.D., MD & TVD

7623'

22. IF MULTIPLE COMPL.

HOW MANY\*

two

23. INTERVALS

DRILLED BY

ROTARY TOOLS

0' - 7635'

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

6860' - 6871' TOCITO

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE OF ELECTRIC AND OTHER LOGS RUN

CASED HOLE, GSL

27. WAS WELL CORED

NO

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD          | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|---------------------------|---------------|
| 9 5/8"      | 36#             | 408'           | 12 1/4"   | 280 SACKS (330 CU. FT.)   | NONE          |
| 7"          | 23# & 26#       | 7623'          | 8 3/4"    | 1120 SACKS (1906 CU. FT.) | NONE          |
|             |                 |                |           |                           |               |
|             |                 |                |           |                           |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2 3/8" | 6860'          | 6927'           |
|      |          |             |               |             |        |                |                 |
|      |          |             |               |             |        |                |                 |

31. PERFORATION RECORD (Interval, size and number)

Forty-four .32 holes at 4 holes per foot from 6860' to 6871'

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                       |
|---------------------|--------------------------------------------------------|
| 6860' - 6871'       | 483 bbls water, 835 MCF nitrogen and 31,388 20/40 sand |
|                     |                                                        |
|                     |                                                        |
|                     |                                                        |

33. PRODUCTION

| DATE FIRST PRODUCTION |              | PRODUCTION METHOD (Flowing, gas lift, pumping -- size and type of pump) |                          |           |           | WELL STATUS (Producing or shut-in) |                         |
|-----------------------|--------------|-------------------------------------------------------------------------|--------------------------|-----------|-----------|------------------------------------|-------------------------|
|                       |              | FLOW                                                                    |                          |           |           | Shut-in                            |                         |
| DATE OF TEST          | HOURS TESTED | CHOKE SIZE                                                              | PROD'N. FOR TEST PERIOD  | OIL - BBL | GAS - MCF | WATER - BBL                        | GAS - OIL RATIO         |
| 11-17-98              | 3            | 3/4                                                                     | →                        | Trace     | 160       | Trace                              | 14,700                  |
| FLOW, TUBING PRESS.   |              | CASING PRESSURE                                                         | CALCULATED 24-HOUR RATED | OIL - BBL | GAS - MCF | WATER - BBL                        | OIL GRAVITY-API (CORR.) |
| 71                    |              | 361                                                                     | →                        |           | 1285      |                                    |                         |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

VENTED

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED Robert L. Verque TITLE Superintendent

DATE November 30, 1998

This format is in lieu of Bureau of Land Management form 3160-4.

NMOCD

JEC 11 1998

FAST ACTION DISTRICT OFFICE

Sm

| 37. | SUMMARY OF PORUS ZONES. (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries) |      |        |                            |      | 38. GEOLOGIC MARKERS |             |                  |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|----------------------------|------|----------------------|-------------|------------------|
|     | FORMATION                                                                                                                                                                                                                                     | TOP  | BOTTOM | DESCRIPTION, CONTENTS ETC. |      | NAME                 | MEAS. DEPTH | TRUE VERT. DEPTH |
|     | Alamo                                                                                                                                                                                                                                         | 2239 | 2567   | Water Sand                 |      | Alamo                | 2239        |                  |
|     | Pictured Cliffs                                                                                                                                                                                                                               | 3065 | 3163   | Gas Sand                   |      | Pictured Cliffs      | 3065        |                  |
|     | Mesa Verde                                                                                                                                                                                                                                    | 4785 | 5467   | Gas Sand                   |      | Mesa Verde           | 4785        |                  |
|     | Tocito                                                                                                                                                                                                                                        | 6849 | 6874   | Oil Sand                   |      | Tocito               | 6849        |                  |
|     | Dakota                                                                                                                                                                                                                                        | 7317 | 7643   | Gas Sand                   |      | Dakota               | 7317        |                  |
|     |                                                                                                                                                                                                                                               |      |        | HOLE DEVIATION             |      |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 99'                        | 1/2° |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 192'                       | 1/4° |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 441'                       | 1/2° |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 950'                       | 3/4° |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 1445'                      | 1/2° |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 1953'                      | 1°   |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 2448'                      | 3/4° |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 2959'                      | 1/2° |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 3447'                      | 1/4° |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 4008'                      | 3/4° |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 4227'                      | 3/4° |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 4744'                      | 1/2° |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 5251'                      | 3/4° |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 6259'                      | 1°   |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 6602'                      | 1/4° |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 7100'                      | 3/4° |                      |             |                  |
|     |                                                                                                                                                                                                                                               |      |        | 7351'                      | 3/4° |                      |             |                  |