

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                                                  |  |                                                                                                                                   |                                              |                                                                            |                                    |                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------------------|------------------------------------|---------------------------------------|
| 1a. TYPE OF WELL:                                                                                                                                                                                                |  | OIL WELL <input type="checkbox"/>                                                                                                 | GAS WELL <input checked="" type="checkbox"/> | DRY <input type="checkbox"/>                                               | Other _____                        |                                       |
| b. TYPE OF COMPLETION:                                                                                                                                                                                           |  | NEW WELL <input checked="" type="checkbox"/>                                                                                      | WORK OVER <input type="checkbox"/>           | DEEP-EN <input type="checkbox"/>                                           | PLUG BACK <input type="checkbox"/> | DIFF. RESVR. <input type="checkbox"/> |
| 2. NAME OF OPERATOR<br>Caulkins Oil Company                                                                                                                                                                      |  |                                                                                                                                   |                                              |                                                                            |                                    |                                       |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 780 Farmington, New Mexico                                                                                                                                                    |  |                                                                                                                                   |                                              |                                                                            |                                    |                                       |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)<br>At surface 880' From North & 1128' From West<br>At top prod. interval reported below Same<br>At total depth Same |  |                                                                                                                                   |                                              |                                                                            |                                    |                                       |
| 14. PERMIT NO.                                                                                                                                                                                                   |  | DATE ISSUED<br>AUG 22 1983                                                                                                        |                                              |                                                                            |                                    |                                       |
| 15. DATE SPUDDED<br>5-28-83                                                                                                                                                                                      |  | 16. DATE T.D. REACHED<br>6-9-83                                                                                                   |                                              | 17. DATE COMPL. (Ready for prod.)<br>7-20-83                               |                                    |                                       |
| 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br>6597 GR                                                                                                                                                               |  | 19. ELEV. CASINGHEAD<br>6597                                                                                                      |                                              |                                                                            |                                    |                                       |
| 20. TOTAL DEPTH, MD & TVD<br>7592                                                                                                                                                                                |  | 21. PLUG, BACK T.D., MD & TVD<br>7580                                                                                             |                                              | 22. IF MULTIPLE COMPL., HOW MANY*<br>(2) Two                               |                                    |                                       |
| 23. INTERVALS DRILLED BY<br>0-7592                                                                                                                                                                               |  | ROTARY TOOLS                                                                                                                      |                                              | CABLE TOOLS                                                                |                                    |                                       |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>7538 - 7300 Dakota                                                                                                              |  | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                                                                             |                                              | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>ES Gamma Ray and Gas Spectrum Logs |                                    |                                       |
| 27. WAS WELL CORED<br>No                                                                                                                                                                                         |  | 28. CASING RECORD (Report all strings set in well)                                                                                |                                              |                                                                            |                                    |                                       |
| Casing Size                                                                                                                                                                                                      |  | Weight, lb./ft.                                                                                                                   |                                              | Depth Set (MD)                                                             |                                    |                                       |
| 9 5/8"                                                                                                                                                                                                           |  | 36# H-40                                                                                                                          |                                              | 401'                                                                       |                                    |                                       |
| 5 1/2"                                                                                                                                                                                                           |  | 15.5 & 17#                                                                                                                        |                                              | 7592                                                                       |                                    |                                       |
| 29. LINER RECORD                                                                                                                                                                                                 |  | 30. TUBING RECORD                                                                                                                 |                                              | AMOUNT PULLED                                                              |                                    |                                       |
| Size                                                                                                                                                                                                             |  | Top (MD)                                                                                                                          |                                              | Bottom (MD)                                                                |                                    |                                       |
| Sacks Cement*                                                                                                                                                                                                    |  | Screen (MD)                                                                                                                       |                                              | Packer Set (MD)                                                            |                                    |                                       |
| 1 1/2"                                                                                                                                                                                                           |  | 7477'                                                                                                                             |                                              | 5576'                                                                      |                                    |                                       |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                               |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                    |                                              |                                                                            |                                    |                                       |
| 1-.42-7300                                                                                                                                                                                                       |  | 1-.42-7434                                                                                                                        |                                              | 1-.42-7514                                                                 |                                    |                                       |
| 1-.42-7308                                                                                                                                                                                                       |  | 1-.42-7442                                                                                                                        |                                              | 1-.42-7522                                                                 |                                    |                                       |
| 1-.42-7324                                                                                                                                                                                                       |  | 1-.42-7446                                                                                                                        |                                              | 1-.42-7530                                                                 |                                    |                                       |
| 1-.42-7340                                                                                                                                                                                                       |  | 1-.42-7464                                                                                                                        |                                              | 1-.42-7538                                                                 |                                    |                                       |
| 1-.42-7430                                                                                                                                                                                                       |  | 1-.42-7477                                                                                                                        |                                              |                                                                            |                                    |                                       |
| 33.* PRODUCTION                                                                                                                                                                                                  |  | 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)                                                                        |                                              |                                                                            |                                    |                                       |
| DATE FIRST PRODUCTION<br>7-27-83                                                                                                                                                                                 |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing                                                   |                                              | WELL STATUS (Producing or shut-in)<br>Shut-in                              |                                    |                                       |
| DATE OF TEST<br>7-27-83                                                                                                                                                                                          |  | HOURS TESTED<br>3 Hours                                                                                                           |                                              | CHOKE SIZE<br>3/4"                                                         |                                    |                                       |
| PROD'N. FOR TEST PERIOD<br>179                                                                                                                                                                                   |  | OIL—BBL.<br>1,430                                                                                                                 |                                              | GAS—MCF.<br>179                                                            |                                    |                                       |
| FLOW. TUBING PRESS.<br>89                                                                                                                                                                                        |  | CASING PRESSURE<br>PKR                                                                                                            |                                              | CALCULATED 24-HOUR RATE<br>1,430                                           |                                    |                                       |
| OIL GRAVITY-API (CORR.)                                                                                                                                                                                          |  | TEST WITNESSED BY                                                                                                                 |                                              |                                                                            |                                    |                                       |
| 35. LIST OF ATTACHMENTS<br>Complete cementing records                                                                                                                                                            |  | 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records |                                              |                                                                            |                                    |                                       |
| SIGNED<br>[Signature]                                                                                                                                                                                            |  | TITLE<br>Superintendent                                                                                                           |                                              | DATE<br>AUG 19 1983                                                        |                                    |                                       |

\*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOCC

FARMINGTON RESOURCE AREA  
FARMINGTON, NEW MEXICO  
BY sm

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS 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

| FORMATION                                        | TOP  | BOTTOM | DESCRIPTION, CONTENTS, ETC. |         | NAME            | GEOLOGIC MARKERS |                  |
|--------------------------------------------------|------|--------|-----------------------------|---------|-----------------|------------------|------------------|
|                                                  |      |        | Depth                       | Degrees |                 | MEAS. DEPTH      | TRUE VERT. DEPTH |
| Alamo<br>Pictured Cliffs<br>Mesa Verde<br>Dakota | 2484 | 2583   | Water Sand                  |         | Alamo           | 2484             | 2484             |
|                                                  | 3078 | 3136   | Gas Sand                    |         | Pictured Cliffs | 3078             | 3078             |
|                                                  | 4756 | 5484   | Gas Sand                    |         | Mesa Verde      | 4756             | 4756             |
|                                                  | 7300 | 7564   | Gas Sand                    |         | Dakota          | 7300             | 7300             |
|                                                  |      |        | Hole Deviation Test         |         |                 |                  |                  |
|                                                  |      |        | Depth                       | Degrees |                 |                  |                  |
|                                                  |      |        | 401                         | 3/4     |                 |                  |                  |
|                                                  |      |        | 915                         | 3/4     |                 |                  |                  |
|                                                  |      |        | 1422                        | 3/4     |                 |                  |                  |
|                                                  |      |        | 1930                        | 1       |                 |                  |                  |
|                                                  |      |        | 2444                        | 1       |                 |                  |                  |
|                                                  |      |        | 3143                        | 1       |                 |                  |                  |
|                                                  |      |        | 3626                        | 1 1/4   |                 |                  |                  |
|                                                  |      |        | 4109                        | 1 1/4   |                 |                  |                  |
|                                                  |      |        | 4200                        | 1 3/4   |                 |                  |                  |
|                                                  |      |        | 4710                        | 1 3/4   |                 |                  |                  |
|                                                  |      |        | 5228                        | 1 1/2   |                 |                  |                  |
|                                                  |      |        | 5682                        | 1 1/2   |                 |                  |                  |
|                                                  |      |        | 6166                        | 1 1/2   |                 |                  |                  |
|                                                  |      |        | 6677                        | 1 1/4   |                 |                  |                  |
|                                                  |      |        | 7182                        | 1 1/4   |                 |                  |                  |
|                                                  |      |        | 7592                        | 1 1/4   |                 |                  |                  |

Ran 5 1/2" Production Casing as follows:

|                  |           |            |       |      |           |
|------------------|-----------|------------|-------|------|-----------|
| 7592' to 6568'   | (1024.17) | New 5 1/2" | 17#   | ST&C | K-55 Smls |
| 6568' to 1063'   | (5504.81) | New 5 1/2" | 15.5# | LT&C | K-55 Smls |
| 1063' to Surface | (1036.64) | New 5 1/2" | 17#   | LT&C | K-55 Smls |

Stage Tools run in Casing string at 5566' and 3399'.

Cement Baskets run on Casing string at 5649' and 3481'.

24 Centralizers run on Casing string at following points:

7549', 7506', 7463', 7419', 7376', 7333', 7289', 7247', 7204', 7163', 7120', 7077', 7035', 6992', 5606', 5524', 5482', 5439', 5398', 5356', 5317', 5274', 3440' and 3357'.

Cemented 5 1/2" Casing in 3 Stages.

First Stage thru shoe at 7592' with 412.50 Cu. Ft. (250 Sacks) 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 118 Cu. Ft. (100 Sacks) Neat Cement.  
Plug down first stage 2:50 PM 6-9-83

Second Stage cemented thru Stage Tool set at 5566' with 412.50 Cu. Ft. (250 sacks) 50-50 Poz, 6% Gel. 12 1/4# Gilsonite per sack followed by 118 Cu. Ft. (100 sacks) Neat cement.  
Plug down second stage 4:00 PM 6-9-83

Third Stage cemented thru Stage Tool set at 3399' with 825 Cu. Ft. (500 sacks) 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 118 Cu. Ft. (100 sacks) Neat Cement.  
Plug down third stage 6:40 PM 6-9-83.

Cement circulated on all three stages.

Approx 2 bbls. slurry on first stage.  
Approx 1 bbls. slurry on second stage.  
Approx 5 bbls. slurry on third stage.

RECEIVED  
JUN 10 1983  
DIV. 1  
181.3