

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 _____                                                                                                                                                                                                                                                                                                                                                          |                                           |                                                                              |                         | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM-03553                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------|-----------------|---------------------|----------------------------------|-----------------|-------------------------------------------|------------------|-----------------|--------------|------|------|---------|-----------|------|--------|------|------|--------|-----------|------|--------|------|------|--------|----------|------|
| b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input checked="" type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____                                                                                                                                                                                                                                                                       |                                           |                                                                              |                         | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                                          |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 2. NAME OF OPERATOR<br>Caulkins Oil Company                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                                                              |                         | 7. UNIT AGREEMENT NAME                                                                        |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 780 Farmington, New Mexico                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                                              |                         | 8. FARM OR LEASE NAME<br>Breech D                                                             |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 1045' F/N and 1800' F/E<br>At top prod. interval reported below Same<br>At total depth Same                                                                                                                                                                                                                                                                                             |                                           |                                                                              |                         | 9. WELL NO.<br>345                                                                            |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 14. PERMIT NO. DATE ISSUED<br>10-17-80 OCT 2 1980                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                                                              |                         | 10. FIELD AND POOL, OR WILDCAT<br>South Blanco Pictured Cliffs                                |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 15. DATE SPUDDED 8-1-52                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                                                              |                         | 11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA<br>Section 22 26N 6W                            |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 16. DATE T.D. REACHED 8-14-52                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                                              |                         | 12. COUNTY OR PARISH<br>Rio Arriba                                                            |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 17. DATE COMPL. (Ready to prod.) 10-17-80                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                                                              |                         | 13. STATE<br>New Mexico                                                                       |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6642 GR                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                                                              |                         | 19. ELEV. CASINGHEAD 6642                                                                     |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 20. TOTAL DEPTH, MD & TVD 3077                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           | 21. PLUG, BACK T.D., MD & TVD 3077                                           |                         | 22. IF MULTIPLE COMPL., HOW MANY* 6642 GR                                                     |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 23. INTERVALS DRILLED BY 0-3077                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                                                              |                         | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>2982 to 3037 |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 25. WAS DIRECTIONAL SURVEY MADE No                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                                                              |                         | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>E S Induction                                         |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 27. WAS WELL CORED No                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                                                              |                         |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                                                              |                         |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| <table border="1"><thead><tr><th>CASINO SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>8 5/8"</td><td>24</td><td>420</td><td>12 1/4"</td><td>175 Sacks</td><td>None</td></tr><tr><td>5 1/2"</td><td>15.5</td><td>2984</td><td>7 7/8"</td><td>200 Sacks</td><td>None</td></tr><tr><td>2 7/8"</td><td>6.75</td><td>3077</td><td>7 7/8"</td><td>50 Sacks</td><td>None</td></tr></tbody></table> |                                           |                                                                              |                         |                                                                                               |                 | CASINO SIZE         | WEIGHT, LB./FT.                  | DEPTH SET (MD)  | HOLE SIZE                                 | CEMENTING RECORD | AMOUNT PULLED   | 8 5/8"       | 24   | 420  | 12 1/4" | 175 Sacks | None | 5 1/2" | 15.5 | 2984 | 7 7/8" | 200 Sacks | None | 2 7/8" | 6.75 | 3077 | 7 7/8" | 50 Sacks | None |
| CASINO SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | WEIGHT, LB./FT.                           | DEPTH SET (MD)                                                               | HOLE SIZE               | CEMENTING RECORD                                                                              | AMOUNT PULLED   |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 8 5/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 24                                        | 420                                                                          | 12 1/4"                 | 175 Sacks                                                                                     | None            |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 5 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15.5                                      | 2984                                                                         | 7 7/8"                  | 200 Sacks                                                                                     | None            |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 2 7/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6.75                                      | 3077                                                                         | 7 7/8"                  | 50 Sacks                                                                                      | None            |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 29. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                                                              |                         |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| <table border="1"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>2 7/8"</td><td>2891</td><td>3077</td><td>50</td><td></td><td></td></tr></tbody></table>                                                                                                                                                                                                                               |                                           |                                                                              |                         |                                                                                               |                 | SIZE                | TOP (MD)                         | BOTTOM (MD)     | SACKS CEMENT*                             | SCREEN (MD)      | PACKER SET (MD) | 2 7/8"       | 2891 | 3077 | 50      |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | TOP (MD)                                  | BOTTOM (MD)                                                                  | SACKS CEMENT*           | SCREEN (MD)                                                                                   | PACKER SET (MD) |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 2 7/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2891                                      | 3077                                                                         | 50                      |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 30. TUBING RECORD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                                                              |                         |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| <table border="1"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>1"</td><td>3007</td><td></td></tr></tbody></table>                                                                                                                                                                                                                                                                                                                            |                                           |                                                                              |                         |                                                                                               |                 | SIZE                | DEPTH SET (MD)                   | PACKER SET (MD) | 1"                                        | 3007             |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DEPTH SET (MD)                            | PACKER SET (MD)                                                              |                         |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 1"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3007                                      |                                                                              |                         |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                                                              |                         |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| <table border="1"><thead><tr><th>INTERVAL</th><th>SIZE</th><th>NUMBER</th></tr></thead><tbody><tr><td>3036 to 3037</td><td>.32</td><td>6</td></tr><tr><td>2982 to 2983</td><td>.32</td><td>6</td></tr></tbody></table>                                                                                                                                                                                                                                                                             |                                           |                                                                              |                         |                                                                                               |                 | INTERVAL            | SIZE                             | NUMBER          | 3036 to 3037                              | .32              | 6               | 2982 to 2983 | .32  | 6    |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| INTERVAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SIZE                                      | NUMBER                                                                       |                         |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 3036 to 3037                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | .32                                       | 6                                                                            |                         |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 2982 to 2983                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | .32                                       | 6                                                                            |                         |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                                                              |                         |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| <table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>2982 - 3037</td><td>30,000# 20-40 sand and 887 barrels water.</td></tr></tbody></table>                                                                                                                                                                                                                                                                              |                                           |                                                                              |                         |                                                                                               |                 | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED | 2982 - 3037     | 30,000# 20-40 sand and 887 barrels water. |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | AMOUNT AND KIND OF MATERIAL USED          |                                                                              |                         |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 2982 - 3037                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 30,000# 20-40 sand and 887 barrels water. |                                                                              |                         |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 33.* PRODUCTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                                                              |                         |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| DATE FIRST PRODUCTION 10-17-80                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing |                         | WELL STATUS (Producing or shut-in) Producing                                                  |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| DATE OF TEST 10-17-80                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | HOURS TESTED 24                           | CHOKE SIZE 5/8"                                                              | PROD'N. FOR TEST PERIOD | OIL—BBL. 151                                                                                  | GAS—MCF. 151    |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| FLOW. TUBING PRESS. 208                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CASING PRESSURE 241                       | CALCULATED 24-HOUR RATE                                                      | OIL—BBL. 151            | GAS—MCF. 151                                                                                  | WATER—BBL. 151  |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                                                              |                         |                                                                                               |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |
| 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 <i>Charles E. DeGuzman</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           | TITLE Superintendent                                                         |                         | DATE 10-19-80                                                                                 |                 |                     |                                  |                 |                                           |                  |                 |              |      |      |         |           |      |        |      |      |        |           |      |        |      |      |        |          |      |

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

# 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.)

6-23-80

Cleaned out to 3077'. Tested 5½" casing with 3000# 2980 to surface. Held okay. Cemented 2 7/8"

OD EUE 8rd thread J-55 Seamless tubing 2891 to 3077 with 50 sacks Neat Cement. Plug down 12:30 PM

6-23-80

## 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. | 38. GEOLOGIC MARKERS |             |                  |
|-----------|-----|--------|-----------------------------|----------------------|-------------|------------------|
|           |     |        |                             | NAME                 | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |     |        | Submitted Previously        |                      |             |                  |