

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-E355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                                                                                                                                |                               |                                                                                                                                  |                                        |                                                                                                                                                                                                      |                                    |                                       |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------------|--------------------------------|
| 1a. TYPE OF WELL:                                                                                                                                                                              |                               | OIL WELL <input checked="" type="checkbox"/>                                                                                     | GAS WELL <input type="checkbox"/>      | DRY <input type="checkbox"/>                                                                                                                                                                         | Other <input type="checkbox"/>     |                                       |                                |
| 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"/> | Other <input type="checkbox"/> |
| 2. NAME OF OPERATOR                                                                                                                                                                            |                               | Don C. Wiley and Fluid Power Pump Company                                                                                        |                                        |                                                                                                                                                                                                      |                                    |                                       |                                |
| 3. ADDRESS OF OPERATOR                                                                                                                                                                         |                               | 1116 Bank of New Mexico Building, Albuquerque, New Mexico                                                                        |                                        |                                                                                                                                                                                                      |                                    |                                       |                                |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*                                                                                                   |                               | At surface 430' FNL, 1690' FEL<br>At top prod. interval reported below 430' FNL, 1690' FEL<br>At total depth 430' FNL, 1690' FEL |                                        |                                                                                                                                                                                                      |                                    |                                       |                                |
| 14. PERMIT NO.                                                                                                                                                                                 |                               | USGS                                                                                                                             |                                        | DATE ISSUED                                                                                                                                                                                          |                                    | 5/2/69                                |                                |
| 15. DATE SPUDDED                                                                                                                                                                               | 16. DATE T.D. REACHED         | 17. DATE COMPL. (Ready to prod.)                                                                                                 | 18. ELEVATIONS (DF, RER, BT, OR ETC.)* |                                                                                                                                                                                                      | 19. ELEV. CASINGHEAD               |                                       |                                |
| 5/4/69                                                                                                                                                                                         | 5/13/69                       | June 4, 1969                                                                                                                     | 6869' & 6881' K5                       |                                                                                                                                                                                                      | 6872'                              |                                       |                                |
| 20. TOTAL DEPTH, MD & TVD                                                                                                                                                                      | 21. PLUG, BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL., HOW MANY                                                                                                 | 23. INTERVALS DRILLED BY               |                                                                                                                                                                                                      | ROTARY TOOLS                       |                                       | CABLE TOOLS                    |
| 3341'                                                                                                                                                                                          | 3102'                         | Single                                                                                                                           | 0-3341'                                |                                                                                                                                                                                                      | None                               |                                       | None                           |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*                                                                                                                  |                               | 25. WAS DIRECTIONAL SURVEY MADE                                                                                                  |                                        | Yes - Isoto Survey                                                                                                                                                                                   |                                    |                                       |                                |
| 2826 - 3019' Gallup                                                                                                                                                                            |                               | 27. WAS WELL CORED                                                                                                               |                                        | Yes                                                                                                                                                                                                  |                                    |                                       |                                |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN                                                                                                                                                           |                               | 27. WAS WELL CORED                                                                                                               |                                        | Yes                                                                                                                                                                                                  |                                    |                                       |                                |
| Induction Electrical Log, Formation Density Log                                                                                                                                                |                               | 27. WAS WELL CORED                                                                                                               |                                        | Yes                                                                                                                                                                                                  |                                    |                                       |                                |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                             |                               |                                                                                                                                  |                                        |                                                                                                                                                                                                      |                                    |                                       |                                |
| CASING SIZE                                                                                                                                                                                    | WEIGHT, LB./FT.               | DEPTH SET (MD)                                                                                                                   | HOLE SIZE                              | CEMENT RECORD                                                                                                                                                                                        |                                    | AMOUNT PULLED                         |                                |
| 8-5/8"                                                                                                                                                                                         | 24.0 lbs                      | 235'                                                                                                                             | 12-1/4"                                | 175 sks Class 2, 175 sks Class A, test w/2000', till up 1600' w/cement.                                                                                                                              |                                    | None                                  |                                |
| 4-1/2"                                                                                                                                                                                         | 9.3 lbs                       | 3102'                                                                                                                            | 7-7/8"                                 |                                                                                                                                                                                                      |                                    |                                       |                                |
| Tubing Record:                                                                                                                                                                                 |                               | 2836' w/3" perf nipple and 31' gas anchor                                                                                        |                                        |                                                                                                                                                                                                      |                                    |                                       |                                |
| 2-3/8"                                                                                                                                                                                         | 4.7 lbs                       |                                                                                                                                  |                                        |                                                                                                                                                                                                      |                                    |                                       |                                |
| 29. LINER RECORD                                                                                                                                                                               |                               |                                                                                                                                  |                                        | 30. TUBING RECORD                                                                                                                                                                                    |                                    |                                       |                                |
| SIZE                                                                                                                                                                                           | TOP (MD)                      | BOTTOM (MD)                                                                                                                      | SACKS CEMENT*                          | SCREEN (MD)                                                                                                                                                                                          | SIZE                               | DEPTH SET (MD)                        | PACKER SET (MD)                |
| EO LINER                                                                                                                                                                                       | Note:                         | Cement plug at 3300' w/60 sacks cement from 3342' to 3100' and cement plug at 4443' w/87 sacks cement from 4443' to 4143'        |                                        |                                                                                                                                                                                                      |                                    |                                       |                                |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                             |                               |                                                                                                                                  |                                        | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                       |                                    |                                       |                                |
| Perforated 70' w/2 1/2" holes per ft as follows:<br>2826-36', 10'; 2838-49', 11'; 2856-60', 4';<br>2872-78', 6'; 2900-16', 16'; 2926-30', 4';<br>2933-42', 9'; 2950-54', 4'; and 3013-19', 6'. |                               |                                                                                                                                  |                                        | DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED<br>2826 - 3019' 1000 gallons 15% mud acid<br>Sand/Oil fracture, 40000# sand, 31810 gal oil.<br>TX 41 BPM, TP 2000', MP 2000'. Dropped 75 balls. |                                    |                                       |                                |
| 33.* PRODUCTION                                                                                                                                                                                |                               |                                                                                                                                  |                                        |                                                                                                                                                                                                      |                                    |                                       |                                |
| DATE FIRST PRODUCTION                                                                                                                                                                          |                               | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)                                                             |                                        |                                                                                                                                                                                                      | WELL STATUS (Producing or shut-in) |                                       |                                |
| June 4, 1969                                                                                                                                                                                   |                               | Pumping                                                                                                                          |                                        |                                                                                                                                                                                                      | Producing                          |                                       |                                |
| DATE OF TEST                                                                                                                                                                                   | HOURS TESTED                  | CHOKE SIZE                                                                                                                       | PROD'N. FOR TEST PERIOD                | OIL—BBL.                                                                                                                                                                                             | GAS—MCF.                           | WATER—BBL.                            | GAS-OIL RATIO                  |
| 6/4/69                                                                                                                                                                                         | 24                            | 2"                                                                                                                               | →                                      | 97                                                                                                                                                                                                   | TSM                                | None                                  | TSM                            |
| FLOW. TUBING PRESS.                                                                                                                                                                            | CASING PRESSURE               | CALCULATED 24-HOUR RATE                                                                                                          | OIL—BBL.                               | GAS—MCF.                                                                                                                                                                                             | WATER—BBL.                         | OIL GRAVITY-API (CORR.)               |                                |
| 104                                                                                                                                                                                            | 104                           | →                                                                                                                                | 97                                     | TSM                                                                                                                                                                                                  | None                               | 40°                                   |                                |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)                                                                                                                                     |                               |                                                                                                                                  |                                        |                                                                                                                                                                                                      |                                    | TEST WITNESSED BY                     |                                |
| No gas                                                                                                                                                                                         |                               |                                                                                                                                  |                                        |                                                                                                                                                                                                      |                                    | George Randall                        |                                |
| 35. LIST OF ATTACHMENTS                                                                                                                                                                        |                               |                                                                                                                                  |                                        |                                                                                                                                                                                                      |                                    |                                       |                                |
| Induction Electrical Log, Formation Density Log                                                                                                                                                |                               |                                                                                                                                  |                                        |                                                                                                                                                                                                      |                                    |                                       |                                |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                              |                               |                                                                                                                                  |                                        |                                                                                                                                                                                                      |                                    |                                       |                                |
| SIGNED                                                                                                                                                                                         |                               | TITLE                                                                                                                            |                                        | DATE                                                                                                                                                                                                 |                                    | June 4, 1969                          |                                |
|                                                                                                                                                                                                |                               | Geologist                                                                                                                        |                                        |                                                                                                                                                                                                      |                                    |                                       |                                |

\*(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.)

**Core #1: 5278' - 5327', 49' total. 5278' - 5317', limestone, anhydrite, and black shale. 5317' - 5327', sandstone, and black shale. 5317' - 5327', sandstone, and black shale. 5317' - 5327', sandstone, and black shale.**

**No drillstem test made.**

| 37. SUMMARY OF POROUS ZONES:<br>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING<br>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                 | TOP         |                  |
|                                                                                                                                                                                                                                                       |       |        |                                                                     |                      | MEAS. DEPTH | TRUE VERT. DEPTH |
| Lewis Shale                                                                                                                                                                                                                                           | 0'    | 422'   | Gray shale.                                                         | Point Lookout        | 1996'       | 1996'            |
| Mesa Verde                                                                                                                                                                                                                                            | 422'  | 1996'  | Sandstone, some coals and gray shales.                              | Mancos Shale         | 2136'       | 2136'            |
| Point Lookout HV                                                                                                                                                                                                                                      | 1996' | 2136'  | Gray sandstone, porous                                              | Gallup               | 2818'       | 2818'            |
| Mancos Shale                                                                                                                                                                                                                                          | 2136' | 2818'  | Gray shale, sandy.                                                  | Dakota Sandstone     | 4240'       | 4240'            |
| Gallup                                                                                                                                                                                                                                                | 2818' | 3362'  | Gray sandstone, low porosity.                                       | Morrison             | 4434'       | 4434'            |
| Mancos Shale                                                                                                                                                                                                                                          | 3362' | 3994'  | Dark gray shale, sandy.                                             | Entrada Sandstone    | 5317'       | 5317'            |
| Greenhorn Limestone                                                                                                                                                                                                                                   | 3994' | 4020'  | Tan limestone, bentonite, dark gray shales.                         |                      |             |                  |
| Graneros Shale                                                                                                                                                                                                                                        | 4020' | 4074'  | Dark gray to black shale, flaky.                                    |                      |             |                  |
| Graneros Dakota                                                                                                                                                                                                                                       | 4074' | 4240'  | Gray sandstone and shales, low porosity.                            |                      |             |                  |
| Dakota Sandstone                                                                                                                                                                                                                                      | 4240' | 4434'  | Gray to white sandstone, porous, and shales.                        |                      |             |                  |
| Morrison                                                                                                                                                                                                                                              | 4434' | 5241'  | Variegated shales, maroon, green, and pink,<br>with gray sandstone. |                      |             |                  |
| Tedilto Limestone                                                                                                                                                                                                                                     | 5241' | 5317'  | Tan to gray limestone, anhydrite and black shales.                  |                      |             |                  |
| Entrada Sandstone                                                                                                                                                                                                                                     | 5317' | 5341'  | T.B. Porous gray sandstones.                                        |                      |             |                  |