

Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|                                                                                                                                                                                                                                               |                                                      |                                                                             |                                                  |                                                                 |                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------|
| <b>1a. TYPE OF WELL:</b>                                                                                                                                                                                                                      |                                                      | OIL WELL <input type="checkbox"/>                                           | GAS WELL <input type="checkbox"/>                | DRY <input type="checkbox"/>                                    | Other <b>Strat Hole</b>                             |
| <b>b. TYPE OF COMPLETION:</b>                                                                                                                                                                                                                 |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| 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 _____                                         |
| <b>2. NAME OF OPERATOR</b><br><b>Mobil Oil Corporation</b>                                                                                                                                                                                    |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>3. ADDRESS OF OPERATOR</b><br><b>Three Greenway Plaza East, Suite 800, Houston, Texas 77046</b>                                                                                                                                            |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*</b><br>At surface <b>1980' FNL &amp; 1980' FEL, Sec. 22, T-22-N, R-15-W</b><br><br>At top prod. interval reported below<br><br>At total depth |                                                      |                                                                             |                                                  |                                                                 |                                                     |
|                                                                                                                                                                                                                                               |                                                      |                                                                             | <b>14. PERMIT NO.</b>                            | <b>DATE ISSUED</b>                                              |                                                     |
| <b>7. UNIT AGREEMENT NAME</b>                                                                                                                                                                                                                 |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>8. FARM OR LEASE NAME</b><br><b>Navajo "C"</b>                                                                                                                                                                                             |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>9. WELL NO.</b><br><b>1</b>                                                                                                                                                                                                                |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>10. FIELD AND POOL, OR WILDCAT</b><br><b>Wildcat</b>                                                                                                                                                                                       |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA</b><br><b>Sec. 22, T-22-N, R-15-W</b>                                                                                                                                                    |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>12. COUNTY OR PARISH</b><br><b>San Juan</b>                                                                                                                                                                                                |                                                      |                                                                             |                                                  | <b>13. STATE</b><br><b>New Mexico</b>                           |                                                     |
| <b>15. DATE SPUDDED</b><br><b>7-9-75</b>                                                                                                                                                                                                      | <b>16. DATE T.D. REACHED</b><br><b>7-23-75</b>       | <b>17. DATE COMPL. (Ready to prod.)</b><br><b>-</b>                         |                                                  | <b>18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*</b><br><b>5780GP</b> |                                                     |
| <b>19. ELEV. CASINGHEAD</b>                                                                                                                                                                                                                   |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>20. TOTAL DEPTH, MD &amp; TVD</b><br><b>4240</b>                                                                                                                                                                                           | <b>21. PLUG, BACK T.D., MD &amp; TVD</b><br><b>-</b> | <b>22. IF MULTIPLE COMPL., HOW MANY*</b><br><b>-</b>                        |                                                  | <b>23. INTERVALS DRILLED BY</b><br><b>→</b>                     | <b>ROTARY TOOLS</b><br><b>CABLE TOOLS</b>           |
| <b>24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*</b><br><b>-</b>                                                                                                                                              |                                                      |                                                                             |                                                  |                                                                 | <b>25. WAS DIRECTIONAL SURVEY MADE</b><br><b>No</b> |
| <b>26. TYPE ELECTRIC AND OTHER LOGS RUN</b><br><b>Schl. Dual IES, LL GR &amp; Sonic-Century Log Co. SP-GR-Resistivity</b>                                                                                                                     |                                                      |                                                                             |                                                  |                                                                 | <b>27. WAS WELL CORED</b><br><b>Yes</b>             |
| <b>CASING RECORD (Report all strings set in well)</b>                                                                                                                                                                                         |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>28. CASING SIZE</b><br><b>7"</b>                                                                                                                                                                                                           | <b>WEIGHT, LB./FT.</b><br><b>17.1</b>                | <b>DEPTH SET (MD)</b><br><b>320</b>                                         | <b>HOLE SIZE</b><br><b>9-7/8</b><br><b>5-5/8</b> | <b>CEMENTING RECORD</b><br><b>115 x Circ.</b>                   |                                                     |
| <b>AMOUNT PULLED</b><br><b>-</b>                                                                                                                                                                                                              |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>29. LINER RECORD</b>                                                                                                                                                                                                                       |                                                      |                                                                             |                                                  | <b>30. TUBING RECORD</b>                                        |                                                     |
| <b>SIZE</b>                                                                                                                                                                                                                                   | <b>TOP (MD)</b>                                      | <b>BOTTOM (MD)</b>                                                          | <b>SACKS CEMENT*</b>                             | <b>SCREEN (MD)</b>                                              | <b>PACKER SET (MD)</b>                              |
|                                                                                                                                                                                                                                               |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>31. PERFORATION RECORD (Interval, size and number)</b><br><b>Stratigraphic Test</b><br><b>Drlg. Dry P&amp;A 7-29-75</b><br><b>See Daily Drilling Summary Attached</b>                                                                      |                                                      |                                                                             |                                                  | <b>32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.</b>           |                                                     |
|                                                                                                                                                                                                                                               |                                                      |                                                                             |                                                  | <b>DEPTH INTERVAL (MD)</b>                                      | <b>AMOUNT AND KIND OF MATERIAL USED</b>             |
|                                                                                                                                                                                                                                               |                                                      |                                                                             |                                                  |                                                                 |                                                     |
|                                                                                                                                                                                                                                               |                                                      |                                                                             |                                                  |                                                                 |                                                     |
|                                                                                                                                                                                                                                               |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>33.* PRODUCTION</b>                                                                                                                                                                                                                        |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>DATE FIRST PRODUCTION</b>                                                                                                                                                                                                                  |                                                      | <b>PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)</b> |                                                  |                                                                 | <b>WELL STATUS (Producing or shut-in)</b>           |
| <b>DATE OF TEST</b>                                                                                                                                                                                                                           | <b>HOURS TESTED</b>                                  | <b>CHOKE SIZE</b>                                                           | <b>PROD'N. FOR TEST PERIOD</b>                   | <b>OIL—BBL.</b>                                                 | <b>GAS—MCF.</b>                                     |
|                                                                                                                                                                                                                                               |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>FLOW. TUBING PRESS.</b>                                                                                                                                                                                                                    | <b>CASING PRESSURE</b>                               | <b>CALCULATED 24-HOUR RATE</b>                                              | <b>OIL—BBL.</b>                                  | <b>GAS—MCF.</b>                                                 | <b>WATER—BBL.</b>                                   |
|                                                                                                                                                                                                                                               |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)</b>                                                                                                                                                                             |                                                      |                                                                             |                                                  | <b>TEST WITNESSED BY</b><br><b>GEOLOGICAL SURVEY</b>            |                                                     |
| <b>35. LIST OF ATTACHMENTS</b>                                                                                                                                                                                                                |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records</b>                                                                                                      |                                                      |                                                                             |                                                  |                                                                 |                                                     |
| <b>SIGNED</b><br><i>[Signature]</i>                                                                                                                                                                                                           |                                                      | <b>TITLE</b><br><b>Authorized Agent</b>                                     |                                                  | <b>DATE</b><br><b>1-5-77</b>                                    |                                                     |

**\* (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 38, 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:<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<br>MEAS. DEPTH<br>TRUE VERT. DEPTH |
| 3d & Shale                                                                                                                                                                                                                                            | 0    | 2970    |                             |                      |                                        |
| Shale                                                                                                                                                                                                                                                 | 2970 | 3585    |                             |                      |                                        |
| 3d & Shale                                                                                                                                                                                                                                            | 3585 | 4157    |                             |                      |                                        |
| Shale                                                                                                                                                                                                                                                 | 4157 | 4240 TD |                             |                      |                                        |

# DAILY DRILLING REPORT

STRAT TEST  
NAVAJO "G" #1

NAVAJO "G" #1, 1980' FNL & 1980' FEL Sec 22, T22N, R15W,  
San Juan Co, NM. OBJECTIVE: Drill stratigraphic test.

7/9/75 Stewart Brothers Drlg Co MI 7/8/75, 80% RU. (TIGHT)

NAVAJO "G" #1 (TIGHT)

7/10 (2) 320 ND sh & sd, 9-7/8 hole, Stewart Brothers Drlg Co  
spudded @ 12:40 pm 7/9/75, prep to run 7" csg. S. Mud.

NAVAJO "G" #1 (TIGHT)

7/11 (3) 320 ND, WOC 7" csg, POH, ran 10 jts 7" OD 17.0#  
H40 8rd ST&C csg, Mini cementers cmtd csg @ 316 w/ 125x  
Class C cmt w/ 2% CaCl, PD @ 12 noon 7/10/75, cmt circ,  
WOC, instl BOP, prep to drill.

NAVAJO "G" #1 (TIGHT)

7/12 (4) 1400 drlg sh & sd, 5-5/8" hole. 9.6-36-10.0.

7/14 (6) 2400 drlg sh & sd, 5-5/8" hole. 9.9-37-10.0.

NAVAJO "G" #1 (TIGHT)

7/15 (7) 2730 drlg sh, 5-5/8" hole. 10.1-55-9.0.

NAVAJO "G" #1 (TIGHT)

7/16 (8) 2970 ND sh & sd, 5-5/8" hole.. 10.1-36-9.0.  
POH w/bit, SD for days off for crews.

NAVAJO "G" #1 (TIGHT)

7/17 (9) 2970 ND, SD past 24 hrs.

NAVAJO "G" #1 (TIGHT)

7/18 (10) 2970 ND, SD past 24 hrs.

NAVAJO "G" #1

7/19 (11) 3195 drlg sh, 5-5/8" hole. 10.5-38-9.0.

7/20 (12) 3390 drlg sh, 5-5/8" hole. 10.7-38-8.0.

7/21 (13) 3585 drlg sh, 5-5/8" hole. 10.7-39-8.0.

NAVAJO "G" #1

7/22 (14) 3780 drlg sh & sd, 5-5/8" hole. 10.5-38-9.0.

NAVAJO "G" #1 (TIGHT)

7/23 (15) 3960 drlg sd & sh, 5-5/8" hole. 10.5-38-9.0.

NAVAJO "G" #1

7/24 (16) 4072 POH to core sd, 5-5/8" hole. 10.5-40-11.0.  
Century Logging Co ran SP-GR-Resistivity logs from 0 to  
4020 @ 4020.

- NAVAJO "G" #1 (TIGHT)
- 7/25 (17) 4102' coring sd, 3-3/4 hole. 10.5-40-10.0.  
 Core #1 4072-87 cut 15' rec 15'.  
 Core #2 4087-4102 cut 15' now pulling core down 5 hrs for repairs on rig.
- NAVAJO "G" #1 (TIGHT)
- 7/26 (18) 4132 coring sd & sh, 3-3/4 hole, 10.5-40-10.0.  
 Core #2: rec 15',  
 Core #3: 4102-17, cut 15', rec 15',  
 Core #4: 4117-4132, cut 15', rec 15',  
 prep to core #5.
- 7/27 (19) 4157 ND sd & sh, 3-3/4 core hole, 10.5-41-11.0.  
 Core #5: 4132-47, cut 15', rec 15',  
 Core #6: 4147-4157, cut 10', rec 8'  
 down 4 hrs for rprs on rig, reamed 3-3/4 to 5-5/8 hole from 4072-4095, cont to ream.
- 7/28 (20) 4221 drlg sh, 5-5/8 hole, 10.5-41-11.0.  
 finish reaming core hole from 4095-4157, down past 1 hr for rprs.
- NAVAJO "G" #1 (TIGHT)
- 7/29 (21) 4240 TD sh, 5-5/8 hole, 10.4-46-9.0.  
 Finish hole @ 2:30 pm 7/28/75, circ 2 hrs, POH, Schl ran Dual IES & LL, GR & Sonic logs to 4242 loggers TD in 6 hrs, ran DP OE to 4240, prep to spot cmt plugs down 3½ addl hrs for rig rprs.
- NAVAJO "G" #1, 4240 TD. (TIGHT)
- 7/30/75 Mini cementers spotted 70x Class C cmt 4240-3800,  
 30x Class C cmt 3280-3100, 40x Class C cmt 2100-1830,  
 45x Class C cmt 1650-1350 & 40x Class C cmt from 600 to surf, well P&A 9:30 am 7/29/75, rel Stewart Bros Drlg Co rig @ 10:30 am 7/29/75.  
FINAL REPORT.