

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|                                                                                                                                                                                                                                               |  |                                                                                                                    |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|--|
| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other <input type="checkbox"/>                                                                               |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>MM-8665                                                                     |  |
| b. TYPE OF COMPLETION:<br>NEW WELL <input 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"/>       |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>NA                                                                         |  |
| 2. NAME OF OPERATOR<br>SOUTHERN UNION PRODUCTION COMPANY                                                                                                                                                                                      |  | 7. UNIT AGREEMENT NAME<br>NA                                                                                       |  |
| 3. ADDRESS OF OPERATOR<br>Suite 1700, Campbell Centre<br>8350 North Central Expressway, Dallas, Texas 75206                                                                                                                                   |  | 8. FARM OR LEASE NAME<br>McKittrick Federal                                                                        |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface<br>2390 FNL and 830' FEL of Section 14, Township<br>At top prod. interval reported below 22 South, Range 24 East<br>At total depth |  | 9. WELL NO.<br>#1                                                                                                  |  |
| 14. PERMIT NO.                                                                                                                                                                                                                                |  | DATE ISSUED<br>MAR 19 1974                                                                                         |  |
| 15. DATE SPUDDED<br>10/29/73                                                                                                                                                                                                                  |  | 16. DATE T.D. REACHED<br>12/10/73                                                                                  |  |
| 17. DATE COMPL. (Ready to prod.)<br>12/18/73 - Dry Hole                                                                                                                                                                                       |  | 18. ELEVATIONS (DF, REB, RT, GR, ETC.)*<br>4025 GL                                                                 |  |
| 19. ELEV. CASINGHEAD<br>4025 GL                                                                                                                                                                                                               |  | 20. TOTAL DEPTH, MD & TVD<br>10,860                                                                                |  |
| 21. PLUG, BACK T.D., MD & TVD                                                                                                                                                                                                                 |  | 22. IF MULTIPLE COMPL., HOW MANY*                                                                                  |  |
| 23. INTERVALS DRILLED BY<br>XX                                                                                                                                                                                                                |  | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>Dry Hole - Plugged and Abandoned. |  |
| 25. WAS DIRECTIONAL SURVEY MADE<br>No                                                                                                                                                                                                         |  | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>Dual Laterolog, Compensated Neutron-Form Density & Cont Dipmeter           |  |
| 27. WAS WELL CORED<br>No                                                                                                                                                                                                                      |  | 28. CASING RECORD (Report all strings set in well)                                                                 |  |
| Casing Size                                                                                                                                                                                                                                   |  | Weight, lb./ft.                                                                                                    |  |
| 20"                                                                                                                                                                                                                                           |  | Conductor                                                                                                          |  |
| 9-5/8"                                                                                                                                                                                                                                        |  | 32.50#                                                                                                             |  |
| Depth Set (MD)                                                                                                                                                                                                                                |  | Hole Size                                                                                                          |  |
| 26'                                                                                                                                                                                                                                           |  | 24"                                                                                                                |  |
| 1632'                                                                                                                                                                                                                                         |  | w/4 yds of Redi-Mix                                                                                                |  |
|                                                                                                                                                                                                                                               |  | w/700 sx                                                                                                           |  |
|                                                                                                                                                                                                                                               |  | None                                                                                                               |  |
| 29. LINER RECORD                                                                                                                                                                                                                              |  | 30. TUBING RECORD                                                                                                  |  |
| Size                                                                                                                                                                                                                                          |  | Top (MD)                                                                                                           |  |
| None                                                                                                                                                                                                                                          |  |                                                                                                                    |  |
| Bottom (MD)                                                                                                                                                                                                                                   |  | Sacks Cement*                                                                                                      |  |
|                                                                                                                                                                                                                                               |  |                                                                                                                    |  |
| Screen (MD)                                                                                                                                                                                                                                   |  | Size                                                                                                               |  |
|                                                                                                                                                                                                                                               |  | None                                                                                                               |  |
| Depth Set (MD)                                                                                                                                                                                                                                |  | Packer Set (MD)                                                                                                    |  |
|                                                                                                                                                                                                                                               |  |                                                                                                                    |  |
| 31. PERFORATION RECORD (Interval, size and number)<br>None                                                                                                                                                                                    |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                     |  |
| Depth Interval (MD)                                                                                                                                                                                                                           |  | Amount and Kind of Material Used                                                                                   |  |
| None                                                                                                                                                                                                                                          |  |                                                                                                                    |  |
|                                                                                                                                                                                                                                               |  |                                                                                                                    |  |
|                                                                                                                                                                                                                                               |  |                                                                                                                    |  |
|                                                                                                                                                                                                                                               |  |                                                                                                                    |  |
| 33. DATE FIRST PRODUCTION                                                                                                                                                                                                                     |  | PRODUCTION METHOD (If different from pump—size and type of pump)                                                   |  |
|                                                                                                                                                                                                                                               |  | WELL STATUS (Producing or shut-in)<br>Dry Hole                                                                     |  |
| DATE OF TEST                                                                                                                                                                                                                                  |  | HOURS TESTED                                                                                                       |  |
| CHOKE SIZE                                                                                                                                                                                                                                    |  | PROD'N. FOR TEST PERIOD                                                                                            |  |
| OIL—BBL.                                                                                                                                                                                                                                      |  | GAS—MCF.                                                                                                           |  |
| WATER—BBL.                                                                                                                                                                                                                                    |  | GAS-OIL RATIO                                                                                                      |  |
| FLOW. TUBING PRESS.                                                                                                                                                                                                                           |  | CASING PRESSURE                                                                                                    |  |
| CALCULATED 24-HOUR RATE                                                                                                                                                                                                                       |  | OIL—BBL.                                                                                                           |  |
|                                                                                                                                                                                                                                               |  | WATER—BBL.                                                                                                         |  |
|                                                                                                                                                                                                                                               |  | OIL GRAVITY-API (CORR.)                                                                                            |  |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)                                                                                                                                                                                    |  | TEST WITNESSED BY                                                                                                  |  |
|                                                                                                                                                                                                                                               |  |                                                                                                                    |  |
| 35. LIST OF ATTACHMENTS                                                                                                                                                                                                                       |  |                                                                                                                    |  |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                             |  |                                                                                                                    |  |
| SIGNED <u>W. J. Keld</u>                                                                                                                                                                                                                      |  | TITLE <u>Mgr., Drilling and Prod.</u>                                                                              |  |
|                                                                                                                                                                                                                                               |  | DATE <u>2/4/74</u>                                                                                                 |  |

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

Drilled to a TD of 10,860'. Two DSTs were run in the Morrow formation and they were wet. 10,248-286'. DST #2 was from 10,440 to 510'.  
 DST #3 9598 to 9650' (Atoka) - No perm.  
 DST #4 9711' to 9593' (Atoka) - No perm  
 DST #5 6620' to 70' (Bone Springs) Tight.

|              |        |
|--------------|--------|
| Wolfcamp Sh  | 7145   |
| Cisco-Canyon | 8110   |
| Strawn       | 8925   |
| Atoka        | 9320   |
| Morrow       | 10,180 |
| Barnett      | 10,804 |