

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R-5350.

## 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 048854                                |                 |
| 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 <u>Eual</u> |                           | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____                                      |                 |
| 2. NAME OF OPERATOR<br>MONSANTO COMPANY ✓                                                                                                                                                                                          |                           | 7. UNIT AGREEMENT NAME<br>Burton Flat Deep Unit                                 |                 |
| 3. ADDRESS OF OPERATOR<br>101 North Marienfeld, Midland, Texas                                                                                                                                                                     |                           | 8. FARM OR LEASE NAME<br>Burton Flat Unit                                       |                 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 660' FSL & 1980' FWL<br>At top prod. interval reported below<br>At total depth                                          |                           | 9. WELL NO.<br>4                                                                |                 |
| 14. PERMIT NO. _____ DATE ISSUED<br>4/3/73                                                                                                                                                                                         |                           | 10. FIELD AND POOL, OR WILDCAT<br>Burton Flat - <del>MORROW</del>               |                 |
| 15. DATE SPUDDED<br>5/18/73                                                                                                                                                                                                        |                           | 11. SEC., T., R., M., OR BLOCK AND SURVEY<br>OR AREA<br>Sec. 34, T-20S, R-28E   |                 |
| 16. DATE T.D. REACHED<br>7/2/73                                                                                                                                                                                                    |                           | 12. COUNTY OR PARISH<br>Eddy                                                    |                 |
| 17. DATE COMPL. (Ready to prod.)<br>7/23/73                                                                                                                                                                                        |                           | 13. STATE<br>New Mexico                                                         |                 |
| 18. ELEVATIONS (DF, RKB, RT, CH, ET, ETC.)<br>RKB Elev. 3210                                                                                                                                                                       |                           | 19. ELEV. CASINGHEAD<br>3195                                                    |                 |
| 20. TOTAL DEPTH, MD & TVD<br>11,500'                                                                                                                                                                                               |                           | 21. PLUG, BACK T.D., MD & TVD<br>11,452                                         |                 |
| 22. IF MULTIPLE COMPL., HOW MANY?<br>Strawn & Morrow                                                                                                                                                                               |                           | 23. INTERV. DRILLED BY<br>ROTARY TOOLS<br>CABLE TOOLS                           |                 |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>Strawn 10,216 - 10,244<br>Morrow 10,856 - 11,414                                                                                                  |                           | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                           |                 |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>Neutron - Density Dual Laterolog, Microlaterolog                                                                                                                                           |                           | 27. WAS WELL CORED<br>No                                                        |                 |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                 |                           |                                                                                 |                 |
| CASINO SIZE                                                                                                                                                                                                                        | WEIGHT, LB./FT.           | DEPTH SET (MD)                                                                  | HOLE SIZE       |
| 13 3/8                                                                                                                                                                                                                             | 48#                       | 600                                                                             | 17 1/2"         |
| 9 5/8"                                                                                                                                                                                                                             | 36#                       | 2792                                                                            | 12 1/2"         |
| 7"                                                                                                                                                                                                                                 | 26#                       | 11,500                                                                          | 8 3/4"          |
| CEMENTING RECORD                                                                                                                                                                                                                   |                           | AMOUNT PULLED                                                                   |                 |
| 750 Sx. Cmt to surface                                                                                                                                                                                                             |                           | None                                                                            |                 |
| 1250 Sx. Cmt to surface                                                                                                                                                                                                            |                           | None                                                                            |                 |
| 450 Sx. Cmt.                                                                                                                                                                                                                       |                           | None                                                                            |                 |
| 29. LINER RECORD                                                                                                                                                                                                                   |                           |                                                                                 |                 |
| SIZE                                                                                                                                                                                                                               | TOP (MD)                  | BOTTOM (MD)                                                                     | SACKS CEMENT*   |
|                                                                                                                                                                                                                                    |                           |                                                                                 |                 |
| 30. TUBING RECORD                                                                                                                                                                                                                  |                           | PACKER SET (MD)                                                                 |                 |
| SIZE                                                                                                                                                                                                                               | DEPTH SET (MD)            |                                                                                 |                 |
| 2 7/8"                                                                                                                                                                                                                             | 10,705'                   | 10,705'                                                                         |                 |
| 2 3/8"                                                                                                                                                                                                                             | 10,045'                   | 10,041'                                                                         |                 |
| 31. PERFORATION RECORD (Interval, size and number)<br>MORROW: 10,856-860, 11,084-102; 11,176-212;<br>11,292-296; 11,408-414; 2 shots/Ft.<br>STRAWN: 10,216-244; 2 shots/Ft.                                                        |                           |                                                                                 |                 |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                     |                           |                                                                                 |                 |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                |                           | AMOUNT AND KIND OF MATERIAL USED                                                |                 |
| 10,216-244                                                                                                                                                                                                                         |                           | 3000 Gals. 15% Acid.                                                            |                 |
| 10,856-11,414                                                                                                                                                                                                                      |                           | 5000 Gals. M.S. Acid.                                                           |                 |
| 33.* STRAWN PRODUCTION                                                                                                                                                                                                             |                           |                                                                                 |                 |
| DATE FIRST PRODUCTION<br>7/14/73                                                                                                                                                                                                   |                           | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                 |
| DATE OF TEST<br>7/23/73                                                                                                                                                                                                            |                           | WELL STATUS (Producing or shut-in)<br>Shut in                                   |                 |
| HOURS TESTED<br>4 Hrs. & 20 Min                                                                                                                                                                                                    | CHOKE SIZE<br>10/64-24/64 | PROD'N. FOR TEST PERIOD<br>→                                                    | OIL—BBL.<br>23  |
| FLOW. TUBING PRESS.<br>3785-3110                                                                                                                                                                                                   | CASING PRESSURE<br>0      | CALCULATED 24-HOUR RATE<br>→                                                    | GAS—MCF.<br>--- |
| WATER—BBL.<br>0                                                                                                                                                                                                                    |                           | GAS-OIL RATIO<br>61.4                                                           |                 |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Vented - Well shut in awaiting gas pipeline                                                                                                                          |                           |                                                                                 |                 |
| TEST WITNESSED BY<br>J. E. Guthrie                                                                                                                                                                                                 |                           |                                                                                 |                 |
| 35. LIST OF ATTACHMENTS<br>Drill Stem Tests & Logs (Logs were mailed 7/17/73)                                                                                                                                                      |                           |                                                                                 |                 |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                  |                           |                                                                                 |                 |
| SIGNED<br>[Signature]                                                                                                                                                                                                              |                           | TITLE<br>District Engineer                                                      |                 |
| DATE<br>7/24/73                                                                                                                                                                                                                    |                           |                                                                                 |                 |

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

|                                                                                                                                   |                           |                                                                                 |                 |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------|-----------------|
| 33.* MORROW PRODUCTION                                                                                                            |                           | WELL STATUS (Producing or shut-in)<br>Shut in                                   |                 |
| DATE FIRST PRODUCTION<br>7/16/73                                                                                                  |                           | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                 |
| DATE OF TEST<br>7/23/73                                                                                                           |                           | PROD'N. FOR TEST PERIOD<br>→                                                    |                 |
| HOURS TESTED<br>4                                                                                                                 | CHOKE SIZE<br>10/64-22/64 | OIL—BBL.<br>0                                                                   | GAS—MCF.<br>--- |
| FLOW. TUBING PRESS.<br>2450-750                                                                                                   | CASING PRESSURE<br>0      | CALCULATED 24-HOUR RATE<br>→                                                    | WATER—BBL.<br>0 |
| OIL GRAVITY-API (CORR.)<br>61.4                                                                                                   |                           |                                                                                 |                 |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Vented - Well Shut in awaiting gas pipeline                         |                           |                                                                                 |                 |
| TEST WITNESSED BY<br>J. E. Guthrie                                                                                                |                           |                                                                                 |                 |
| 35. LIST OF ATTACHMENTS<br>Logs (Logs were mailed 7/17/73)                                                                        |                           |                                                                                 |                 |
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| DATE<br>7/24/73                                                                                                                   |                           |                                                                                 |                 |

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