

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY AMENDED REPORT

(See instructions on reverse side)

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

## WELL COMPLETION OR RECOMPLETION REPORT LOG \*

|                                                                                                                                                                                                             |  |                                                                                 |                                              |                                  |                                    |                                                                                                                                                                                                         |                                |                                                |  |                                   |  |                                  |  |                 |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|----------------------------------------------|----------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------|--|-----------------------------------|--|----------------------------------|--|-----------------|--|
| 1a. TYPE OF WELL:                                                                                                                                                                                           |  | OIL WELL <input type="checkbox"/>                                               | GAS WELL <input checked="" 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<br>Yates Petroleum Corporation                                                                                                                                                          |  |                                                                                 |                                              |                                  |                                    | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM 0487738                                                                                                                                                       |                                |                                                |  |                                   |  |                                  |  |                 |  |
| 3. ADDRESS OF OPERATOR<br>207 South 4th Street-Artesia, NM 88210                                                                                                                                            |  |                                                                                 |                                              |                                  |                                    | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                                                                                                                                                    |                                |                                                |  |                                   |  |                                  |  |                 |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 660' FSL & 1980' FEL of Sec. 5-18S-25E<br>At top prod. interval reported below<br>At total depth |  |                                                                                 |                                              |                                  |                                    | 7. UNIT AGREEMENT NAME                                                                                                                                                                                  |                                |                                                |  |                                   |  |                                  |  |                 |  |
| 14. PERMIT NO.                                                                                                                                                                                              |  |                                                                                 |                                              |                                  |                                    | 8. FARM OR LEASE NAME<br>Federal "AB" Com.                                                                                                                                                              |                                |                                                |  |                                   |  |                                  |  |                 |  |
| DATE ISSUED APR 11 1978                                                                                                                                                                                     |  |                                                                                 |                                              |                                  |                                    | 9. WELL NO.<br>2                                                                                                                                                                                        |                                |                                                |  |                                   |  |                                  |  |                 |  |
| 15. DATE SPUNDED 10-14-77                                                                                                                                                                                   |  |                                                                                 |                                              |                                  |                                    | 10. FIELD AND POOL, OR WILDCAT<br>Richard Knob Atoka-Morrow                                                                                                                                             |                                |                                                |  |                                   |  |                                  |  |                 |  |
| 16. DATE T.D. REACHED 11-7-77                                                                                                                                                                               |  |                                                                                 |                                              |                                  |                                    | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 5-18S-25E<br>Unit 0 NMPM                                                                                                                      |                                |                                                |  |                                   |  |                                  |  |                 |  |
| 17. DATE COMPL. (Ready to prod.) 11-30-77                                                                                                                                                                   |  |                                                                                 |                                              |                                  |                                    | 12. COUNTY OR PARISH<br>Eddy                                                                                                                                                                            |                                |                                                |  |                                   |  |                                  |  |                 |  |
| 18. ELEVATIONS (DF, REB, RT, GR, ETC.)*<br>3390' GR                                                                                                                                                         |  |                                                                                 |                                              |                                  |                                    | 13. STATE<br>NM                                                                                                                                                                                         |                                |                                                |  |                                   |  |                                  |  |                 |  |
| 20. TOTAL DEPTH, MD & TVD<br>8555'                                                                                                                                                                          |  |                                                                                 |                                              |                                  |                                    | 19. ELEV. CASINGHEAD                                                                                                                                                                                    |                                |                                                |  |                                   |  |                                  |  |                 |  |
| 21. PLUG BACK T.D., MD & TVD<br>8456'                                                                                                                                                                       |  |                                                                                 |                                              |                                  |                                    | 23. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>0-8555'                                                                                                                                                     |                                |                                                |  |                                   |  |                                  |  |                 |  |
| 22. IF MULTIPLE COMPL., HOW MANY*                                                                                                                                                                           |  |                                                                                 |                                              |                                  |                                    | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>8374-8390'; 8334-8348-Morrow; 8212-8268' - Atoka<br>Mersow Perfs 8240-46 + 8334-48 + 8344-40 Rbk. Perfs 8212-34 by JWR |                                |                                                |  |                                   |  |                                  |  |                 |  |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>DLL, CNL/FDC                                                                                                                                                        |  |                                                                                 |                                              |                                  |                                    | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                                                                                                                                                   |                                |                                                |  |                                   |  |                                  |  |                 |  |
| 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                                                                                                                                                                                               |                                | CEMENTING RECORD                               |  | AMOUNT PULLED                     |  |                                  |  |                 |  |
| 13-3/8"                                                                                                                                                                                                     |  | 48#                                                                             |                                              | 360'                             |                                    | 17 1/2"                                                                                                                                                                                                 |                                | 400 sacks                                      |  |                                   |  |                                  |  |                 |  |
| 8-5/8"                                                                                                                                                                                                      |  | 24#                                                                             |                                              | 1100'                            |                                    | 12 1/4"                                                                                                                                                                                                 |                                | 750 sacks                                      |  |                                   |  |                                  |  |                 |  |
| 5 1/2"                                                                                                                                                                                                      |  | 17 & 15.5#                                                                      |                                              | 8500'                            |                                    | 7-7/8"                                                                                                                                                                                                  |                                | 500 sacks                                      |  |                                   |  |                                  |  |                 |  |
| 29. LINER RECORD                                                                                                                                                                                            |  |                                                                                 |                                              |                                  |                                    |                                                                                                                                                                                                         |                                | 30. TUBING RECORD                              |  |                                   |  |                                  |  |                 |  |
| SIZE                                                                                                                                                                                                        |  | TOP (MD)                                                                        |                                              | BOTTOM (MD)                      |                                    | SACKS CEMENT*                                                                                                                                                                                           |                                | SCREEN (MD)                                    |  | SIZE                              |  | DEPTH SET (MD)                   |  | PACKER SET (MD) |  |
|                                                                                                                                                                                                             |  |                                                                                 |                                              |                                  |                                    |                                                                                                                                                                                                         |                                |                                                |  | 2-3/8"                            |  | 8160'                            |  | 8160'           |  |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                          |  |                                                                                 |                                              |                                  |                                    |                                                                                                                                                                                                         |                                | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |  |                                   |  |                                  |  |                 |  |
| 8374-8390' w/64 .32" shots                                                                                                                                                                                  |  |                                                                                 |                                              |                                  |                                    |                                                                                                                                                                                                         |                                | DEPTH INTERVAL (MD)                            |  |                                   |  | AMOUNT AND KIND OF MATERIAL USED |  |                 |  |
| 8334-8348' w/56 .32" shots                                                                                                                                                                                  |  |                                                                                 |                                              |                                  |                                    |                                                                                                                                                                                                         |                                | Natural                                        |  |                                   |  |                                  |  |                 |  |
| 8212-8268' w/80 .32" shots                                                                                                                                                                                  |  |                                                                                 |                                              |                                  |                                    |                                                                                                                                                                                                         |                                |                                                |  |                                   |  |                                  |  |                 |  |
| 33.* PRODUCTION                                                                                                                                                                                             |  |                                                                                 |                                              |                                  |                                    |                                                                                                                                                                                                         |                                |                                                |  |                                   |  |                                  |  |                 |  |
| DATE FIRST PRODUCTION<br>11-16-77                                                                                                                                                                           |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                                              |                                  |                                    |                                                                                                                                                                                                         |                                | WELL STATUS (Producing or shut-in)<br>SIWOPL   |  |                                   |  |                                  |  |                 |  |
| DATE OF TEST<br>11-30-77                                                                                                                                                                                    |  | HOURS TESTED<br>1 hr                                                            |                                              | CHOKE SIZE<br>1/2"               |                                    | PROD'N. FOR TEST PERIOD<br>→                                                                                                                                                                            |                                | OIL—BBL.<br>-                                  |  | GAS—MCF.<br>127                   |  | WATER—BBL.<br>-                  |  | GAS-OIL RATIO   |  |
| FLOW. TUBING PRESS.<br>510#                                                                                                                                                                                 |  | CASING PRESSURE<br>Pkr                                                          |                                              | CALCULATED 24-HOUR RATE<br>→     |                                    | OIL—BBL.<br>-                                                                                                                                                                                           |                                | GAS—MCF.<br>3500                               |  | WATER—BBL.<br>-                   |  | OIL GRAVITY-API (CORR.)<br>-     |  |                 |  |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Vented                                                                                                                                        |  |                                                                                 |                                              |                                  |                                    |                                                                                                                                                                                                         |                                |                                                |  | TEST WITNESSED BY<br>Harvey Apple |  |                                  |  |                 |  |
| 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<br>Christine L. Linton                                                                                                                                                                               |  | TITLE<br>Geol. Secty.                                                           |                                              |                                  |                                    |                                                                                                                                                                                                         |                                | DATE<br>4-4-78                                 |  |                                   |  |                                  |  |                 |  |

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