

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:                                                                                                                                                                         |  | OIL WELL <input type="checkbox"/>                                               | GAS WELL <input checked="" type="checkbox"/> | DRY <input type="checkbox"/>                                      | Other _____                        |                                                         |                       |
| b. TYPE OF COMPLETION:                                                                                                                                                                    |  | 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 <u>RE-ENTRY</u> |
| 2. NAME OF OPERATOR<br>Yates Petroleum Corporation                                                                                                                                        |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 3. ADDRESS OF OPERATOR<br>207 South 4th St., Artesia, NM 88210                                                                                                                            |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 2310' FNL & 660' FEL<br>At top prod. interval reported below<br>At total depth |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 5. LEASE DESIGNATION AND SERIAL NO.<br>NM 12829                                                                                                                                           |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                                                                                                                                      |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 7. UNIT AGREEMENT NAME                                                                                                                                                                    |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 8. FARM OR LEASE NAME<br>Chaparral Federal                                                                                                                                                |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 9. WELL NO.<br>1                                                                                                                                                                          |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 10. FIELD AND POOL, OR WHDCAT<br>Unders. Morrow                                                                                                                                           |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Unit H-<br>Sec. 17-24S-24E                                                                                                           |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 12. COUNTY OR PARISH<br>Eddy                                                                                                                                                              |  |                                                                                 |                                              | 13. STATE<br>NM                                                   |                                    |                                                         |                       |
| 15. DATE SPUDDED<br>11-24-80                                                                                                                                                              |  | 16. DATE T.D. REACHED<br>11-27-80                                               |                                              | 17. DATE COMPL. (When in prod.)<br>12-16-80                       |                                    | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br>4127.3' GR   |                       |
| 20. TOTAL DEPTH, MD & TVD<br>10300'                                                                                                                                                       |  | 21. PLUG, BACK T.D., MD & TVD<br>10211                                          |                                              | 22. IF MULTIPLE COMPL., HOW MANY*                                 |                                    | 23. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>CABLE TOOLS |                       |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>10150-60' & 9774-9944' Morrow                                                                            |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 25. WAS DIRECTIONAL SURVEY MADE<br>No                                                                                                                                                     |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>CNL/FDC & DLL                                                                                                                                     |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 27. WAS WELL CORED<br>No                                                                                                                                                                  |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                        |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| CASING SIZE                                                                                                                                                                               |  | WEIGHT, LB./FT.                                                                 |                                              | DEPTH SET (MD)                                                    |                                    | HOLE SIZE                                               |                       |
| 13-3/8"                                                                                                                                                                                   |  | 48#                                                                             |                                              | 30'                                                               |                                    | 17-1/2"                                                 |                       |
| 8-5/8"                                                                                                                                                                                    |  | 24#                                                                             |                                              | 2465'                                                             |                                    | 12 1/4" & 11"                                           |                       |
| 4-1/2"                                                                                                                                                                                    |  | 11.60#                                                                          |                                              | 10284'                                                            |                                    | 7-7/8"                                                  |                       |
| CEMENTING RECORD                                                                                                                                                                          |  | AMOUNT PULLED                                                                   |                                              |                                                                   |                                    |                                                         |                       |
| 2                                                                                                                                                                                         |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 900                                                                                                                                                                                       |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 825                                                                                                                                                                                       |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 29. LINER RECORD                                                                                                                                                                          |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| SIZE                                                                                                                                                                                      |  | TOP (MD)                                                                        |                                              | BOTTOM (MD)                                                       |                                    | SACKS CEMENT*                                           |                       |
|                                                                                                                                                                                           |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| SCREEN (MD)                                                                                                                                                                               |  | 30. TUBING RECORD                                                               |                                              |                                                                   |                                    |                                                         |                       |
|                                                                                                                                                                                           |  | SIZE                                                                            |                                              | DEPTH SET (MD)                                                    |                                    | PACKER SET (MD)                                         |                       |
|                                                                                                                                                                                           |  | 2-3/8"                                                                          |                                              | 9731'                                                             |                                    | 9731'                                                   |                       |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                        |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 10150-60' w/20 .50" holes                                                                                                                                                                 |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 9774-9944' w/17 .34" holes                                                                                                                                                                |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                            |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| DEPTH INTERVAL (MD)                                                                                                                                                                       |  |                                                                                 |                                              | AMOUNT AND KIND OF MATERIAL USED                                  |                                    |                                                         |                       |
| 10150-60'                                                                                                                                                                                 |  |                                                                                 |                                              | w/1000 g. 7 1/2 MS & N2. SF w/15000 g. MS & CO2, 30000# sd. Spr'd |                                    |                                                         |                       |
| 9774-9944'                                                                                                                                                                                |  |                                                                                 |                                              | 250 g. MS - 5000 g. 7 1/2 acid & 2500 CO2 w/20 ball sealers.      |                                    |                                                         |                       |
| 33. PRODUCTION                                                                                                                                                                            |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| DATE FIRST PRODUCTION<br>12-16-80                                                                                                                                                         |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                                              |                                                                   |                                    | WELL STATUS (Producing or shut-in)<br>SIWOPLC           |                       |
| DATE OF TEST<br>12-16-80                                                                                                                                                                  |  | HOURS TESTED<br>6                                                               |                                              | CHOKE SIZE<br>1 1/2"                                              |                                    | PROD'N. FOR TEST PERIOD                                 |                       |
| FLOW. TUBING PRESS.<br>60#                                                                                                                                                                |  | CASING PRESSURE<br>Packer                                                       |                                              | CALCULATED 24-HOUR RATE                                           |                                    | OIL—BBL.<br>—                                           |                       |
|                                                                                                                                                                                           |  |                                                                                 |                                              |                                                                   |                                    | GAS—MCF.<br>115                                         |                       |
|                                                                                                                                                                                           |  |                                                                                 |                                              |                                                                   |                                    | WATER—BBL.<br>—                                         |                       |
|                                                                                                                                                                                           |  |                                                                                 |                                              |                                                                   |                                    | OIL GRAVITY-API (CORR.)<br>—                            |                       |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Vented - will be sold                                                                                                       |  |                                                                                 |                                              |                                                                   |                                    |                                                         |                       |
| 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>Albert R. Hall                                                                                                                                                                  |  | TITLE<br>Engineer                                                               |                                              |                                                                   |                                    | DATE<br>12-17-80                                        |                       |

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