

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
ARTESIA, NM 88210SUBMIT IN DUPLICATE  
NEW OR CON. MISSION  
Other In-  
structions 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 checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> |  | 1b. TYPE OF COMPLETION:<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> DIFF. RESTR. <input type="checkbox"/> OTHER <input type="checkbox"/> |  | 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 1980 FSL & 1980 FWL, Sec. 13-T18S-R24E<br>At top prod. interval reported below<br>At total depth |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM-9538            |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                     |  | 7. UNIT AGREEMENT NAME                                                                                   |  | 8. FARM OR LEASE NAME<br>Spearman RQ Federal Co. |  | 9. WELL NO.                                        |  |                                                                                                                                    |  |
| 15. DATE SPUDDED<br>RECOMPLETION<br>11-16-81                                                                                                                    |  | 16. DATE T.D. REACHED<br>-                                                                                                                                                                                                                          |  | 17. DATE COMPL. (Ready to prod.)<br>12-7-81        |  | 18. ELEVATIONS (DT, RKB, RT, GR, ETC.)*<br>3679' GR            |  | 19. ELEV. CASINGHEAD                                                                                                                                                                                       |  | 10. FIELD AND POOL, OR WILDCAT<br>Penasco Draw Permo Penn |  | 11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA<br>Unit K, Sec. 13-18S-24E |  | 12. COUNTY OR PARISH<br>Eddy                                                                             |  | 13. STATE<br>NM                                  |  | 25. WAS DIRECTIONAL SURVEY MADE<br>No              |  |                                                                                                                                    |  |
| 20. TOTAL DEPTH, MD & TVD<br>8800'                                                                                                                              |  | 21. PLUG, BACK T.D., MD & TVD<br>7571'                                                                                                                                                                                                              |  | 22. IF MULTIPLE COMPL. HOW MANY*                   |  | 23. INTERVALS DRILLED BY<br>0-8800'                            |  | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>7325-33' & 7526-30' Canyon                                                                                                |  | 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)                                                       |  | 29. LINER RECORD                                 |  | 30. TUBING RECORD                                  |  |                                                                                                                                    |  |
| Casing Size                                                                                                                                                     |  | Weight, lb./ft.                                                                                                                                                                                                                                     |  | Depth Set (MD)                                     |  | Hole Size                                                      |  | Cementing Record                                                                                                                                                                                           |  | Amount Pulled                                             |  | Size                                                                     |  | Depth Set (MD)                                                                                           |  | Packer Set (MD)                                  |  | 31. PERFORATION RECORD (Interval, size and number) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                     |  |
| 13-3/8"                                                                                                                                                         |  | 54.5#                                                                                                                                                                                                                                               |  | 320'                                               |  | 17 1/2"                                                        |  | 325                                                                                                                                                                                                        |  |                                                           |  | 2-3/8"                                                                   |  | 7287'                                                                                                    |  | 7287'                                            |  | 7325-33' w/16 .40" holes                           |  | 7325-7530'                                                                                                                         |  |
| 8-5/8"                                                                                                                                                          |  | 24#                                                                                                                                                                                                                                                 |  | 1014'                                              |  | 12-1/4"                                                        |  | 600                                                                                                                                                                                                        |  |                                                           |  |                                                                          |  |                                                                                                          |  |                                                  |  | 7526-30' w/8 .40" holes                            |  | w/1000 g. 15% DS-30 acid & N2, plus ball sealers. Frac'd w/1500 g. DS-30 acid, w/15000 g. Series 72 acid & CO2 plus ball sealers.  |  |
| 4-1/2"                                                                                                                                                          |  | 11-6 & 10.5#                                                                                                                                                                                                                                        |  | 8402'                                              |  | 7-7/8"                                                         |  | 1425                                                                                                                                                                                                       |  |                                                           |  |                                                                          |  |                                                                                                          |  |                                                  |  |                                                    |  |                                                                                                                                    |  |
| DATE FIRST PRODUCTION<br>12-7-81                                                                                                                                |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing                                                                                                                                                                     |  | WELL STATUS (Producing or shut-in)<br>Producing    |  | DATE OF TEST<br>12-7-81                                        |  | HOURS TESTED<br>6                                                                                                                                                                                          |  | CHOKE SIZE<br>1/2"                                        |  | PRG'D. FOR TEST PERIOD<br>→                                              |  | OIL—BBL.<br>—                                                                                            |  | GAS—MCF<br>157                                   |  | WATER—BBL.<br>—                                    |  | GAS-OIL RATIO<br>—                                                                                                                 |  |
| FLOW. TUBING PRESS.<br>90                                                                                                                                       |  | CASING PRESSURE<br>Packer                                                                                                                                                                                                                           |  | CALCULATED 24-HOUR RATE<br>→                       |  | OIL—BBL.<br>—                                                  |  | GAS—MCF<br>630                                                                                                                                                                                             |  | WATER—BBL.<br>—                                           |  | OIL GRAVITY-API (CORR.)<br>—                                             |  | 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>ACCEPTED FOR FUEL<br>vented - Will be sold |  | TEST WITNESSED BY<br>H. 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 <i>[Signature]</i>                                                                                                                                       |  | U.S. GEOLOGICAL SURVEY                                                                                                                                                                                                                              |  | TITLE<br>Engineering Secretary                     |  | DATE<br>12-9-81                                                |  |                                                                                                                                                                                                            |  |                                                           |  |                                                                          |  |                                                                                                          |  |                                                  |  |                                                    |  |                                                                                                                                    |  |

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

item for economic comparison report on one form for each interview produced. (See instruction for items 22 and 24 above.)

REFER TO ORIGINAL COMPLETION 4-24-80