

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See  
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rev

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                                                                 |                                                                      |                                                                  |                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------|
| 1. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                     |                                                                      | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM-27970                  |                                                     |
| 2. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. DESVR. <input type="checkbox"/> Other _____ |                                                                      | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                             |                                                     |
| 2. NAME OF OPERATOR<br>MESA PETROLEUM CO.                                                                                                                                                                                       |                                                                      | 7. UNIT AGREEMENT NAME                                           |                                                     |
| 3. ADDRESS OF OPERATOR<br>1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493                                                                                                                                                        |                                                                      | 8. FARM OR LEASE NAME<br>Coyote Federal                          |                                                     |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 660' FSL & 760' FEL<br>At top prod. interval reported below same<br>At total depth same                              |                                                                      | 9. WELL NO.<br>7Y                                                |                                                     |
| 14. PERMIT NO. _____ DATE ISSUED<br>12-9-81                                                                                                                                                                                     |                                                                      | 10. FIELD AND POOL OR WILDCAT<br>Pecos Slope<br>Undesignated ABO |                                                     |
| 11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA<br>Sec 5, T7S, R25E                                                                                                                                                           |                                                                      | 12. COUNTY OR PARISH<br>Chaves                                   |                                                     |
| 13. STATE<br>New Mexico                                                                                                                                                                                                         |                                                                      | 10. ELEV. CASINGHEAD<br>3869'                                    |                                                     |
| 15. DATE SPUDDED<br>12-11-81                                                                                                                                                                                                    | 16. DATE T.D. REACHED<br>12-17-81                                    | 17. DATE COMPL. (Ready to prod.)<br>1-18-82                      | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br>3869' GR |
| 20. TOTAL DEPTH, MD & TVD<br>4113'                                                                                                                                                                                              | 21. PLUG BACK T.D., MD & TVD<br>4034'                                | 22. DATE COMPLETION<br>FEB 15 1982                               | 23. INTERVALS DRILLED BY<br>A11                     |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>3633'-----3823', ABO                                                                                                                           |                                                                      |                                                                  | 25. WAS DIRECTIONAL SURVEY MADE<br>No               |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>GR-CLL/GR-CNL-FDC                                                                                                                                                                       |                                                                      |                                                                  | 27. WAS WELL CORED<br>No                            |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                              |                                                                      |                                                                  |                                                     |
| CASING SIZE                                                                                                                                                                                                                     | WEIGHT, LB./FT.                                                      | DEPTH SET (MD)                                                   | HOSE SIZE                                           |
| 13 3/8"                                                                                                                                                                                                                         | 48#                                                                  | 903'                                                             | 17 1/2"                                             |
| 8 5/8"                                                                                                                                                                                                                          | 24#                                                                  | 1815'                                                            | 12 1/4"                                             |
| 4 1/2"                                                                                                                                                                                                                          | 10.5#                                                                | 4025'                                                            | 7 7/8"                                              |
| CEMENTING RECORD                                                                                                                                                                                                                |                                                                      | AMOUNT PULLED                                                    |                                                     |
| 700 HLW/300 Thixset/300 "C"                                                                                                                                                                                                     |                                                                      | 700 Thixset                                                      |                                                     |
| 750 HLW/300 Thixset/300 "C"                                                                                                                                                                                                     |                                                                      | 600 Thixset                                                      |                                                     |
| 500"C"                                                                                                                                                                                                                          |                                                                      |                                                                  |                                                     |
| 29. LINER RECORD                                                                                                                                                                                                                |                                                                      |                                                                  |                                                     |
| SIZE                                                                                                                                                                                                                            | TOP (MD)                                                             | BOTTOM (MD)                                                      | SACKS CEMENT                                        |
|                                                                                                                                                                                                                                 |                                                                      |                                                                  |                                                     |
| 30. TUBING RECORD                                                                                                                                                                                                               |                                                                      |                                                                  |                                                     |
| SIZE                                                                                                                                                                                                                            | DEPTH SET (MD)                                                       | PACKER SET (MD)                                                  |                                                     |
| 2 3/8"                                                                                                                                                                                                                          | 3534'                                                                | -                                                                |                                                     |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                              |                                                                      |                                                                  |                                                     |
| 3633', 3732', 3812', 13', 15', 16', 17', 18', 19', 3822', 23'; total of 22 holes 3 1/8" csg gun 2 JSPF 180° phase                                                                                                               |                                                                      |                                                                  |                                                     |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                  |                                                                      |                                                                  |                                                     |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                             | AMOUNT AND KIND OF MATERIAL USED                                     |                                                                  |                                                     |
| 3633'---3823'                                                                                                                                                                                                                   | A/3500 gal 7 1/2% HCL + 55 BS                                        |                                                                  |                                                     |
| 3633'---3823'                                                                                                                                                                                                                   | A/3500 gal 7 1/2% HCL + 50 BS                                        |                                                                  |                                                     |
| 3633'---3823'                                                                                                                                                                                                                   | F/48,000 gal X-Line gel KCL & CO2 + 85,500# 20/40 SC + 70,500#       |                                                                  |                                                     |
| 33. PRODUCTION 10/20 SD                                                                                                                                                                                                         |                                                                      |                                                                  |                                                     |
| DATE FIRST PRODUCTION                                                                                                                                                                                                           | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                                                                  | WELL STATUS (Producing or shut-in)                  |
| -                                                                                                                                                                                                                               | Flowing                                                              |                                                                  | Shut-In                                             |
| DATE OF TEST                                                                                                                                                                                                                    | HOURS TESTED                                                         | CHOKE SIZE                                                       | PROD'N. FOR TEST PERIOD                             |
|                                                                                                                                                                                                                                 | 4                                                                    | -                                                                |                                                     |
| FLOW. TUBING PRESS.                                                                                                                                                                                                             | CASING PRESSURE                                                      | CALCULATED 24-HOUR RATE                                          | OIL—BBL.                                            |
| 630                                                                                                                                                                                                                             | 620                                                                  |                                                                  |                                                     |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)                                                                                                                                                                      |                                                                      | TEST WITNESSED BY                                                |                                                     |
| Vented                                                                                                                                                                                                                          |                                                                      | E.L. Buttross, Jr.                                               |                                                     |
| 35. LIST OF ATTACHMENTS<br>C122, Record of Inclination                                                                                                                                                                          |                                                                      |                                                                  |                                                     |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                               |                                                                      |                                                                  |                                                     |
| SIGNED R. E. Math                                                                                                                                                                                                               |                                                                      | TITLE REGULATORY COORDINATOR                                     |                                                     |
| DATE 1-29-82                                                                                                                                                                                                                    |                                                                      |                                                                  |                                                     |

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

XC: USGS (6), TLS, CEN RCDS, ACCGT, ROSWELL, MEC, LAND, D&M, CTY, LMC, TW, K, PARTNERS, FILE (REM), EEB

Posted ID-2  
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2-19-82