

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CONG. COMMISS  
SUBMIT IN DUPLICATE  
88210  
(See other In-  
structions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR  
YATES PETROLEUM CORPORATION (505) 748-0140

3. ADDRESS OF OPERATOR  
105 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 660' FSL & 1650' FEL, Sec. 11-T22S-R31E, NMPM

At top prod. interval reported below

At total depth Same as above

14. PERMIT NO. DATE ISSUED  
API #30-015-26723

5. LEASE DESIGNATION AND SERIAL NO.  
NM 65417

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Martha AIK Federal

9. WELL NO.  
3

10. FIELD AND POOL, OR WILDCAT  
Livingston Ridge Delaware

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA  
Unit 0, Sec. 11-T22S-R31E

12. COUNTY OR PARISH  
Eddy

13. STATE  
NM

15. DATE SPUDDED 5-6-91 16. DATE T.D. REACHED 5-26-91 17. DATE COMPL. (Ready to prod.) 6-10-91 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)\* 3560' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8411' 21. PLUG, BACK T.D., MD & TVD 8350' 22. IF MULTIPLE COMPL. HOW MANY\* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE

6937-6954', 7004-7028' Delaware No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CNL/LDT; DLL 27. WAS WELL CORED  
No

| 28. CASING RECORD (Report all strings set in well) |                 |                |           |                  |               |
|----------------------------------------------------|-----------------|----------------|-----------|------------------|---------------|
| CASING SIZE                                        | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 20"                                                |                 | 40'            | 26"       | Redi-Mix         |               |
| 13-3/8"                                            | 54.5#           | 850'           | 17 1/2"   | 750 sx           |               |
| 8-5/8"                                             | 32#             | 4227'          | 11"       | 2100 sx          |               |
| 5-1/2"                                             | 15.5 & 17#      | 8411'          | 7-7/8"    | 1110 sx          |               |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
|                  |          |             |               |             | 2-7/8"            | 6900'          |                 |

| 31. PREPARATION RECORD (Interval, size and number) |                   | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                                          |
|----------------------------------------------------|-------------------|------------------------------------------------|----------------------------------------------------------|
| INTERVAL                                           | SIZE              | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED                         |
| 7004-7028'                                         | w/28 - .42" Holes | 7004-28'                                       | w/2000g 7 1/2% acid. SF w/7500g 40# XL + 22500# 20/40 sd |
| 6937-6954'                                         | w/20 - .42" Holes | 6937-54'                                       | w/1250g 7 1/2% acid. SF w/7500g 40# XL + 22500# 20/40 sd |

| 33. PRODUCTION        |                 |                         |                         |                                                                      |            |                         |               |
|-----------------------|-----------------|-------------------------|-------------------------|----------------------------------------------------------------------|------------|-------------------------|---------------|
| DATE FIRST PRODUCTION |                 |                         |                         | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |            |                         |               |
| 6-8-91                |                 |                         |                         | Pumping                                                              |            |                         |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE              | PROD'N. FOR TEST PERIOD | OIL—BBL.                                                             | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO |
| 6-10-91               | 24              | Open                    | →                       | 189                                                                  | 120        | 130                     | 635           |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL.                | GAS—MCF.                                                             | WATER—BBL. | OIL GRAVITY-API (CORR.) |               |
| 40                    | 40              | →                       | 189                     | 120                                                                  | 130        | 39°                     |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Vented - will be sold

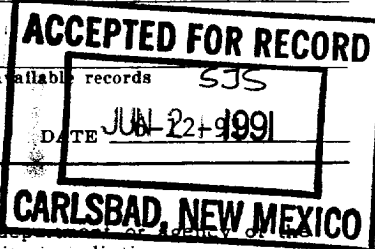
TEST WITNESSED BY  
Jerry Wyatt

35. LIST OF ATTACHMENTS  
Deviation Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Leah Dooden TITLE Production Supervisor DATE JUN 22 1991

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



37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | GEOLOGIC MARKERS                                                     |                                     |                  |
|-----------|-----|--------|-----------------------------|----------------------------------------------------------------------|-------------------------------------|------------------|
|           |     |        |                             | NAME                                                                 | MEAS. DEPTH                         | TRUE VERT. DEPTH |
|           |     |        |                             | Rustler<br>Delaware<br>Cherry Canyon<br>Brushy Canyon<br>Bone Spring | 756<br>4427<br>5442<br>7159<br>8330 |                  |

38.