

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division

P.O. Box 1980  
Hobbs, NM 88240  
RECEIVED

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

2. NAME OF OPERATOR

YATES PETROLEUM CORPORATION (505) 748-1471

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 330' FNL & 2310' FWL (Unit C, NENW)

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED  
API 30-025-33530

5. LEASE DESIGNATION AND SERIAL NO.

NM-81274

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Thyme APY Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Red Tank Bone Springs

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 1-T23S-R32E

12. COUNTY OR PARISH  
Lea

13. STATE  
NM

15. DATE SPUNDED RH 7-31-96  
16. DATE T.D. REACHED 8-21-96  
17. DATE COMPL. (Ready to prod.) 8-29-96  
18. ELEVATIONS (OF, RKB, RT, GR, ETC.)\* 3749' GR  
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 9150'  
21. PLUG, BACK T.D., MD & TVD 9060'  
22. IF MULTIPLE COMPL., 23. INTERVALS DRILLED BY  
40-9150'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
8946-8960' Bone Springs  
25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDC & D11

27. WAS WELL CORRED  
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"       | Cement to surface   |               |
| 11-3/4"     | 42#             | 1150'          | 17-1/2"   | 1300 sx - circulate |               |
| 8-5/8"      | 32#             | 4805'          | 11"       | 1250 sx - circulate |               |
| 5-1/2"      | 17# & 15.5#     | 9150'          | 7-7/8"    | 1000 sx             |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-7/8" | 8750'          |                 |

31. PERFORATION RECORD (Interval, size and number)

8946-8960' w/30 .42" holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 8946-8960'          | Frac'd w/90000 gallons 30#       |
| borate delayed      | crosslink gel, 208000# 20-40     |
| Ottawa sand & 3     | 6080# super DC sand              |

33. PRODUCTION

|                       |                 |                                                                      |                         |          |            |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
| 8-29-96               |                 | Flowing                                                              |                         |          |            | Producing                          |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 8-30-96               | 24              |                                                                      | →                       | 108      | 150        | 27                                 | 1389:1        |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
|                       |                 | →                                                                    | 108                     | 150      | 27         | N/A                                |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

T. R. Wofford

35. LIST OF ATTACHMENTS

Deviation Survey & Logs

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

SIGNED

TITLE Operations Technician

DATE Sept. 9, 1996

\*(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, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME         | TOP         |                  |
|-----------|-----|--------|-----------------------------|--------------|-------------|------------------|
|           |     |        |                             |              | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |     |        |                             | Rustler      | 1240'       |                  |
|           |     |        |                             | Base of Salt | 4663'       |                  |
|           |     |        |                             | Delaware     | 4948'       |                  |
|           |     |        |                             | Bone Springs | 8795'       |                  |

