

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(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. REVR. ☐ Other ☐

2. NAME OF OPERATOR  
Robert L. Bayless

3. ADDRESS OF OPERATOR  
P.O. Box 168, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements)  
At surface 790' FSL & 1675' FEL

At top prod. interval reported below same

At total depth same

14. PERMIT NO. DATE ISSUED  
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 516

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Jicarilla 516

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Section 7, T30N, R2W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED 11/13/87 16. DATE T.D. REACHED 11/20/87 17. DATE COMPL. (Ready to prod.) 1/7/88 18. ELEVATIONS (DF. RKB, RT, GR, ETC.)\* 7533' GL; 7545' RKB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4150' KB 21. PLUG, BACK T.D., MD & TVD 4063' KB 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 0 - TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Pictured Cliffs 3814 - 3882

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction, Density, Neutron, Sandcal

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD                                                                                                                             | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 7-5/8"      | 26.4#/ft.       | 145' KB        | 9-7/8"    | 75 sx, 89 ft <sup>3</sup> Class B w/3% CaCl <sub>2</sub>                                                                                     |               |
| 4-1/2"      | 11.6#/ft.       | 4126' KB       | 6-3/4"    | 300 sx, 618 ft <sup>3</sup> Class B w/2% D-79, 1/4# flocele/sx; 150 sx, 189 ft <sup>3</sup> 50/50 pozmix w/2% gel, 10% salt, 1/4# flocele/sx |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-3/8" | 3879' KB       | None            |

31. PERFORATION RECORD (Interval, size and number)

Pic. Cliffs w/3-1/8" gun - 2 JSPF  
3814-3819 - 11 holes  
3844-3847 - 7 holes (.34" diameter)  
3878-3882 - 9 holes

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                                                                                   |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| 3814-3882           | 250 gal. 7 1/2% weighted HCL acid w/41 1.1 s.g. RCN ball sealers; 22,000 gal. 70 quality foam w/30,000# 20-40 sand |

33.\* PRODUCTION 316,546 SCF nitrogen

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| None                  |                 | Shut-in                                                              |                         |          |            | Shut-in                            |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 1/15/88               | 3               | 3/4"                                                                 | →                       | -0-      | 46         | Trace                              | N/A           |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| 12                    | 642             | →                                                                    | -0-                     | 368      | Trace      | N/A                                |               |

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

Vented

TEST WITNESSED BY

David Ball

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

Kevin H. McCord

TITLE

Petroleum Engineer

DATE

2/9/88

\*(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):

38. GEOLOGIC MARKERS

| FORMATION       | TOP  | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME            | TOP         |                  |
|-----------------|------|--------|-----------------------------|-----------------|-------------|------------------|
|                 |      |        |                             |                 | MEAS. DEPTH | TRUE VERT. DEPTH |
| Ojo Alamo       | 3292 | 3678   | Water                       | Ojo Alamo       | 3292        | same             |
| Fruitland       | 3678 | 3798   | Natural gas, water          | Fruitland       | 3678        | same             |
| Pictured Cliffs | 3798 | 4150   | Natural gas                 | Pictured Cliffs | 3798        | same             |