

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

4-20-603782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Allotted

UNIT AGREEMENT NAME

7. PARTIAL OR LEASE NAME

Federal 24-36

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

36, T28N, R9W NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

19. ELEV. CASINGHEAD

1a. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☒

Dry ☐

Other

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

DIFF. RES. R. ☐

Other

2. NAME OF OPERATOR

Morgan Richardson Operating Company

3. ADDRESS OF OPERATOR

P. O. Box 1915 Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

2250' FNL, 1070' FEL

At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

30-045-28465

DATE ISSUED

12/26/90

15. DATE SPUDDED

12/11/90

16. DATE T.D. REACHED

12/13/90

17. DATE COMPL. (Ready to prod.)

02/06/91

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)\*

5816' GR

20. TOTAL DEPTH, MD & TVD

2196'

21. PLUG, BACK T.D., MD & TVD

2151'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

1892'-2044' Fruitland Coal

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Cased Hole Compensated Neutron, Gamma Ray, CCL

27. WAS WELL CORED

No

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

| CASING SIZE | WEIGHT LBS./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD        | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|-------------------------|---------------|
| 8 5/8"      | 20              | 268'           | 12 1/4"   | 275 ss (325 cf) Class B |               |
| 4 1/2"      | 10.5            | 2196'          | 6 1/4"    | 250 ss (564 cf) Class B |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2 3/8" | 2052'          |                 |

31. PERFORATION RECORD (Interval, size and number)

1892-1896, 1922-1948, 1960-1968,  
1974-1984, 1988-1998, and 2038-2044

total of 128 0.5" holes

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 1892-2044           | 118,507 gal Fluid                |
|                     | 15,000# 40/70                    |
|                     | 265,000# 12/20                   |

33. PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) |                         |           |             | WELL STATUS (Producing or shut-in) |               |
|-----------------------|-----------------|-----------------------------------------------------------------------|-------------------------|-----------|-------------|------------------------------------|---------------|
|                       |                 |                                                                       |                         |           |             | WO Pipeline                        |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                            | PROD'N. FOR TEST PERIOD | OIL--BBL. | GAS--MCF.   | WATER--BBL.                        | GAS-OIL RATIO |
| 3/18/91               | 24              | 0.5"                                                                  |                         |           | 300         |                                    |               |
| FLOW, TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                               | OIL--BBL.               | GAS--MCF. | WATER--BBL. | OIL GRAVITY-API (CORR.)            |               |
| 97                    | 225             |                                                                       |                         | 300       |             |                                    |               |

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

Vented

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

Dana Deluenthal

TITLE

Agent

FARMINGTON RESOURCE AREA

DATE

3/19/91

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

| 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 |
| Fruitland                                                                                                                                                                                                                           | 1796' | 2046'  |                             |                      |             |                  |
| Pictured Cliffs                                                                                                                                                                                                                     | 2046' | TD     |                             |                      |             |                  |