

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐  
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

3. NAME OF OPERATOR  
Morgan Richardson Operating Company

4. ADDRESS OF OPERATOR  
P. O. Box 1915 Farmington, NM 87499

5. LOCATION OF WELL (Report location clearly and in accordance with any applicable regulations)  
At surface 1330' FSL, 925' FWL

At top prod. interval reported below

At total depth Same

RECEIVED

OIL CON. DIV.  
DIST. 3

14. PERMIT NO. 30-045-28057  
DATE ISSUED 7/24/90

6. DATE STARTED 11/19/90  
16. DATE T.D. REACHED 11/30/90  
17. DATE COMPL. (Ready to prod.) 1/11/91  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5875' GR  
19. ELEV. CASINGHEAD  
20. TOTAL DEPTH, MD & TVD 2450'  
21. PLUG. BACK T.D., MD & TVD 2406'  
22. IF MULTIPLE COMPL., HOW MANY\*  
23. INTERVALS DRILLED BY  
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
2214'-2310' Fruitland Coal

25. TYPE ELECTRIC AND OTHER LOGS RUN

Cased Hole Compensated Neutron, Gamma Ray, CCL

26. WAS DIRECTIONAL SURVEY MADE  
Yes  
27. WAS WELL CORED  
No

CASING RECORD (Report all strings set in well)

| CASINO SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD        | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|-------------------------|---------------|
| 8 5/8"      | 20              | 260'           | 12 1/4"   | 215 SX (254 cf) Class B |               |
| 4 1/2"      | 10.5            | 2450'          | 6 1/4"    | 350 SX (921 cf) Class B |               |
|             |                 |                |           | 951                     |               |

LINER RECORD

| SIZE | TO (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | 30. TUBING RECORD                   |
|------|---------|-------------|---------------|-------------|-------------------------------------|
|      |         |             |               |             | SIZE DEPTH SET (MD) PACKER SET (MD) |
|      |         |             |               |             | 2 3/8" 2329'                        |

31. PERFORATION RECORD (Interval, size and number)

2214-2220, 2228-2258, 2264-2270,  
2276-2284, 2300-2310  
total of 120 0.5" holes

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 2214-2310           | 40,350 gal 70Q foam              |
|                     | 15,000# 40/70 sand               |
|                     | 265,000# 12/20 sand              |

33.\*

DATE FIRST PRODUCTION  
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

DATE OF TEST 3/8/91  
HOURS TESTED 24  
CHOKE SIZE 3/8"  
PROD'N. FOR TEST PERIOD  
OIL—BBL. 100  
WATER—BBL. 100  
GAS—BBL. 100  
WELL STATUS (Producing or shut-in)  
WO-Pipeline  
GAS-OIL RATIO  
OIL GRAVITY-API (CORR.)

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

35. NO. OF ATTACHMENTS

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

SIGNED Dana Delventhal  
TITLE Agent

DATE 3/12/91

\*(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. | NAME | TOP         |                  |
|---------------------------------|-------|--------|-----------------------------|------|-------------|------------------|
|                                 |       |        |                             |      | MEAS. DEPTH | TRUE VERT. DEPTH |
| Fruitland<br>pictured<br>Cliffs | 2126' | 2350'  |                             |      |             |                  |
|                                 | 2350' | TD     |                             |      |             |                  |

38. GEOLOGIC MARKERS

| NAME | TOP         |                  |
|------|-------------|------------------|
|      | MEAS. DEPTH | TRUE VERT. DEPTH |
|      |             |                  |