

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE\*

**REVISED**

(See other instructions on reverse side)

**FORM APPROVED**  
**OMB NO. 1004-0137**

**Expires: February 28, 1995**

5. LEASE DESIGNATION AND SERIAL NO.

**NMNM-0206995**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

**WF Federal 34-2**

9. API WELL NO.

**30-045-29882**

10. FIELD AND POOL, OR WILDCAT

**Basin FC**

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

**Sec. 34-T30N-R14W**

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

2. NAME OF OPERATOR

**Richardson Operating Company**

3. ADDRESS AND TELEPHONE NO.

**1700 Lincoln, Suite 1700, Denver, CO 80203 303-430-8000**

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

At surface **1055' FSL, 1470' FWL**

At top prod. interval reported below **same**

At total depth

**same**

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

**San Juan**

13. STATE

**NM**

15. DATE SPUDDED

**8/30/99**

16. DATE T.D. REACHED

**9/1/99**

17. DATE COMPL. (Ready to prod.)

**12/14/99**

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

**5513' GL**

19. ELEV. CASINGHEAD

**5513'**

20. TOTAL DEPTH, MD & TVD

**1295'**

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

22. IF MULTIPLE COMPL. HOW MANY?

**2**

23. INTERVALS DRILLED BY

ROTARY TOOLS

**X**

CABLE TOOLS

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

**1034' - 1052' Fruitland Coal**

25. WAS DIRECTIONAL SURVEY MADE

**yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**Compensated Neutron Log**

27. WAS WELL CORED

**no**

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

CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
<b>7"</b>	<b>20#</b>	<b>136'</b>	<b>8 - 3/4"</b>	<b>50 sx (59 cu.ft.)</b>	<b>surface</b>
<b>4 - 1/2"</b>	<b>10.5#</b>	<b>1293'</b>	<b>6' 1/4"</b>	<b>65 sx (134 cu.ft.)</b>	<b>surface</b>
				<b>75 sx (88.5 cu.ft.)</b>	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
<b>2 - 3/8"</b>	<b>1029'</b>	

31. PERFORATION RECORD (Interval, size and number)

**1034' - 1052' 72 holes .38" 4 spf**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>1034' - 1052'</b>	<b>50,179 20/40 Arizona Linear Gel</b>

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)					WELL STATUS (Producing or shut-in)	
1/7/00		flowing					producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.		GAS-OIL RATIO
12/14/99	48	1/2"	————→		77	252		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER-BBL.		OIL GRAVITY-API (CORR.)	
20	80	————→		39	126			

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

**vented**

TEST WITNESSED BY

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

**Cathleen Colley**

TITLE

**Land Manager**

DATE

**Jan. 20, 2000**

\*(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.

**NMOCD**

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
Fruitland	1034'	1052'				
Pictured Cliffs	1062'	1072'				