

UNITED STATES

SUBMIT IN DUPLICATE\*

FORM APPROVED  
OMB NO. 1004-0137

DEPARTMENT OF THE INTERIOR

(See other in-  
structions on  
reverse side)

Expires: February 28, 1995

BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

NM-97843

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

Richardson Operating Company

8. FARM OR LEASE NAME, WELL NO.

WF Federal 29-2

3. ADDRESS AND TELEPHONE NO.

1700 Lincoln, Suite 1700, Denver, CO 80203

9. API WELL NO.

30-045-30058

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

At surface 795" FSL, 665' FEL

10. FIELD AND POOL, OR WILDCAT

Twin Mounds PC Ext.

At top prod. interval reported below same

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

Sec. 29, T30N-R14W

At total depth

same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR  
PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED  
12/23/9916. DATE T.D. REACHED  
12/28/9917. DATE COMPL. (Ready to prod.)  
4/4/0018. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
5500' GR19. ELEV. CASINGHEAD  
5500'20. TOTAL DEPTH, MD & TVD  
1300'21. PLUG, BACK T.D., MD & TVD  
1234'22. IF MULTIPLE COMPL.  
HOW MANY?23. INTERVALS  
DRILLED BYROTARY TOOLS  
X

CABLE TOOLS

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

980' - 998' Pictured Cliffs

25. WAS DIRECTIONAL  
SURVEY MADE  
yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Neutron

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
7"	20#	141' 136'	8 - 3/4"	50 sx	surface
4 - 1/2"	10.5#	128' 1278'	6 - 1/4"	75 sx (154.5 cu.ft.)	surface
				50 sx (59 cu.ft.)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 - 3/8"	980'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

980' - 998' 72 holes 0.41"  
4 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
980'-998'	74,900 20/40 Brady Sand

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
4/3/00		flowing					producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.		GAS-OIL RATIO
4/4/00	24	1/2"	→		124	240		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.		OIL GRAVITY-API (CORR.)	
20	180	→		124	240			

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

vented

ACCEPTED FOR RECORD

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

FARMING L. M. 2005  
BY

\*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	980'	998'				