

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-25857

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
1b. 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 20-2

3. ADDRESS AND TELEPHONE NO.
1700 Lincoln, Suite 1700, Denver, CO 80203 303-830-8000

9. API WELL NO.

30-045-30062

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1086' FNL, 866' FEL

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

At top prod. interval reported below same
At total depth same

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

Sec. 20, T30N-R14W

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

NM

5. DATE SPUDDED 6/5/00 16. DATE T.D. REACHED 6/8/00 17. DATE COMPL. (Ready to prod.) 9/20/00 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5560' GR 19. ELEV. CASINGHEAD 5560'

20. TOTAL DEPTH, MD & TVD 1325' 21. PLUG, BACK T.D., MD & TVD 1281.41' 22. IF MULTIPLE COMPL. HOW MANY? 2 23. INTERVALS DRILLED BY 2 24. ROTARY TOOLS X 25. CABLE TOOLS

26. PRODUCING INTERVAL(S) OF THIS COMPLETION -TOP, BOTTOM, NAME (MD AND TVD)* 1072' - 1085' Fruitland Coal 27. WAS DIRECTIONAL SURVEY MADE yes

28. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Neutron 29. WAS WELL CORED no

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#	132.92'	8 - 3/4"	30 SXS	surface
4 - 1/2"	10.5#	1322.67'	6 - 1/4"	75 SXS	surface
				75 SXS	surface

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	PACKER SET (MD)
					2 3/8"	1072'

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1072' - 1085'	52 holes	0.41"	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	4 spf		1072'-1085'	57,000 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)
	flowing	producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
9/20/00	24	1/4"			58	60	
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (COR.)	
40	140			58	60		

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 Kathleen Colley TITLE Land Manager

ACCEPTED FOR DEPOSIT

JAN 29 2001

FARMINGTON FIELD OFFICE
BY [Signature] DATE December 14, 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.

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 Coal	1072'	1085'				

38.

GEOLOGIC MARKERS