

(July 1992)

UNITED STATES

SUBMIT IN DUPLICATE*

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

FORM BLM-1004-0137

Expires: February 28, 1995

(See other instructions on

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2198

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

WF Navajo 23 #1

9. API WELL NO.

30-045-30317

10. FIELD AND POOL, OR WILDCAT

PC & Fruitland Coal

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

23-29N-14W

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 Co.

3. ADDRESS AND TELEPHONE NO.

1700 Lincoln, Suite 1700, Denver, CO 80203

303-830-8000

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

At surface 1570' FNL & 845' FEL

At top prod. interval reported below

Same

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED

2/6/2001

16. DATE T.D. REACHED

2/9/2001

17. DATE COMPL. (Ready to prod.)

5/21/2001

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5360' GL

19. ELEV. CASINGHEAD

5360' GL

20. TOTAL DEPTH, MD & TVD

1100'

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

1022'

22. IF MULTIPLE COMPL. HOW MANY?

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

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

944' - 956' Pictured Cliffs

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron Gamma Ray/CCL

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"	135'	8-3/4"	30 SX	to surface
4-1/2"	10.5#	1067.1'	6-1/4"	155 SX	to surface

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	940'	

31. PERFORATION RECORD (Interval, size and number)

944' - 956' 48 holes .375" 4 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
944' - 956'	20/40 BRADY SAND 54,660#

33. PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
5/25/2001	24	1/2"			135	120	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORR.)	
22 PSI	170 PSI			135	210		

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

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

John W. Whisenand

TITLE

OPERATIONS MANAGER

DATE

6/1/2001

IN RECORD

*(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.

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38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME:	MEAS. DEPTH	TRU VERT. D.
Pictured Cliffs	944'	956'				