

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

LEASE DESIGNATION AND SERIAL NO.

NMNM 89026

OWNER (INDIAN, ALLOTTEE OR TRIBE NAME)

BLM

UNIT AGREEMENT NAME

FARM OR LEASE NAME, WELL NO.

Bushman, Federal #6-1

API WELL NO.

30-045-29459

FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 6, T29N, R14W

12. COUNTY OR PARISH
San Juan13. STATE
NM1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other _____2. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ REPERFORATION ☐ PLUG BACK ☐ DIFF. CEMENT ☐ Other _____

3. NAME OF OPERATOR

Richardson Operating Company

4. ADDRESS AND TELEPHONE NO.

1700 Lincoln Street, Suite 1700 Denver, CO 80203

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

At surface 1041'FSL & 1136'FEL

At top prod. interval reported below Same

At total depth

14. PERMIT NO.

DISTRICT

15. DATE SPUDDED

5/30/97

16. DATE T.D. REACHED

6/1/97

17. DATE COMPL. (Ready to prod.)

4/10/98

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

5290'GR

19. ELEV. CASINGHEAD

5290'GR

20. TOTAL DEPTH, MD & TVD

800'

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

778'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-800'

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

Fruitland Coal 610'-623'

25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDL/DSN DR/GR

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"	20.0#	126'	8-3/4"	83 cuft neat	Surface
4-1/2"	10.5#	794'	6-1/4"	103 cuft + 59 cuft neat	Surface

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	626'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

610'-623' 2 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
610'-623'	35,000# 20/40 in 70% N2 Foam

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4/10/98		Flowing				SI WOP	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/10/98			→				
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	SI - 180	→					

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

Vented

TEST WITNESSED BY

John Thompson

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

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

SIGNED

Paul C. Thompson

TITLE

Agent

DATE

6/16/98

* (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.

NMOC

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
SURFACE	Kirtland					
Fruitland	346'					
BASIN FR COAL	610'					
PICTURED CLIFFS	629'					