

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO

NMNM-79968

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO

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9. API WELL NO

30-045-30383

10. FIELD AND POOL, OR WILDCAT

Twin Mounds Pictured Cliffs

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

9-29N-14W NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

14. TYPE OF WELL

OIL WELL ☐GAS WELL ☒DRY ☐

Other

15. TYPE OF COMPLETION

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

Other

2. NAME OF OPERATOR

Richardson Operating Company

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 935' FNL & 860' FEL

At top prod. interval reported below

Same

At total depth

14. PERMIT NO

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

6/28/01

16. DATE T.D. REACHED

7/17/01

17. DATE COMPL. (Ready to prod.)

11-12-01

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)

5430'GL

19. ELEV. CASINGHEAD

5430'

20. TOTAL DEPTH, MD & TVD

1050'

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

1018'

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)*

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

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#	131	8-3/4"	50 SXS	
4-1/2"	10.5#	1039.62	6-1/2"	25 SXS	7 134
				109 SXS	

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2-3/8"	1028

31. PERFORATION RECORD (Interval, size and number)

865'-887' 1 spf 54 holes 0.38

888'-989' 2 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
865'-989'	20/40 Brady

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11/12/01		flowing				prod	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'n. FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
11/11/01	24	0.5		0	240	160	
FLOW, TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
20	170		0	240	160		

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

vent

TEST WITNESSED BY

John Durham

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

TITLE

Operations Manager

DATE

21-Jan-02

*(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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37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored interval; 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	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	865'	887'				
	888'	989'				