

UNITED STATES

SUBMIT IN DUPLICATE*

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137

Expires: February 28, 1996

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

NMSF-079968

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

ROPCO 4-1

9. API WELL NO.

30-045-30366

10. FIELD AND POOL, OR WILDCAT

Twin Mounds PC

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

8-29N-14W NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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

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 870' FNL & 1205' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUNDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

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

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

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

22. IF MULTIPLE COMPL. HOW MANY?

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

PC 874-882, 912-924

25. WAS DIRECTIONAL SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron

27. WAS WELL CORED

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#	133KB	8-3/4"	65 SX	
4-1/2"	10.5#	1127.18KB	6-1/2"	60 SX	
				50 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	931	

31. PERFORATION RECORD (Interval, size and number)

PC 874-924' 4 spf 874-882
912-924

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
874-924	20/40 Brady
874-882	
912-924	

33.* PRODUCTION

DATE FIRST PRODUCTION 10/10/01		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing					WELL STATUS (Producing or shut-in) prod	
DATE OF TEST 6/26/01	HOURS TESTED 24	CHOKE SIZE 0.25	PROD'N. FOR TEST PERIOD →	OIL—BBL. 0	GAS—MCF. 75	WATER—BBL. 65		GAS-OIL RATIO
FLOW. TUBING PRESS 20	CASING PRESSURE 160	CALCULATED 24-HOUR RATE →	OIL—BBL. 0	GAS—MCF. 75	WATER—BBL. 65		OIL GRAVITY-API (CORR.)	

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

David B. Richardson

TITLE

Pres. 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.

NMSF

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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	874' 912'	882' 924'				

PH