

July 1992)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

FORM APPROVED/  
OMB NO. 1004-0137

Expires: February 28, 1995

LEASE DESIGNATION AND SERIAL NO.

NMSF-079968

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME, WELL NO.

ROPCO 5-4

API WELL NO.

30-045-30415

FIELD AND POOL, OR WILDCAT

Twin Mounds PC

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

Sec. 5, T29N-R14W

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Otherb. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF RESVR ☐ Other

c. NAME OF OPERATOR

Richardson Operating Company

d. ADDRESS AND TELEPHONE NO.

1700 Lincoln, Suite 1700, Denver, CO 80203 303-830-8000

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

At surface 1520' FNL, 1420' FEL

At top prod. interval reported below same

At total depth

same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR  
PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED

02/12/2001

16. DATE T.D. REACHED

02/14/2001

17. DATE COMPL. (Ready to prod.)

03/09/2001

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

5365' GR

19. ELEV. CASINGHEAD

5365'

20. TOTAL DEPTH, MD &amp; TVD

940' GL (945' KB)

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

901' GL (906' KB)

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)\*

802' - 812' Pictured Cliffs

25. WAS DIRECTIONAL  
SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron Gamma Ray -Collar Log

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#	129.12'	8 - 3/4"	30 SX	surface
4 - 1/2"	10.5#	931.77'	6 - 1/4"	50 SX	surface
				60 SX	surface

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	790	

31. PERFORATION RECORD (Interval, size and number)

802' - 812' 40 holes 0.42"  
4 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
802'-812'	40,000 20/40 Brady

33.\* PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)

WELL STATUS (Producing or shut-in)

Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL	GAS-OIL RATIO
03/08/2001	12	1/2"			15	17	
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR.)	
0	5			30			

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

Cathleen Colby

TITLE

Land Manager

ACCEPTED FOR REC  
TEST WITNESSED BY

MAR 19 2001

FARMINGTON FIELD OFFICE  
BY [Signature] DATE 3/15/2001

\*(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.

17 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
Pictured Cliffs	800'	910'				