

UNITED STATES

SUBMIT IN DUPLICATE*

FORM APPROVED
OMB NO. 1004-0137

DEPARTMENT OF THE INTERIOR

(See other in-
structions on
reverse side)

Expires: February 28, 1995

BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

NMSF-079968

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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 ☐

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Wf Federal 33-2

9. API WELL NO.

30-045-30655

10. FIELD AND POOL, OR WILDCAT

Twin Mounds PC

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

33-30N-14W NMPM

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 1637' FNL & 746' FWL

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 SPUDDED

9/5/01

16. DATE T.D. REACHED

9/8/01

17. DATE COMPL. (Ready to prod.)

9/25/01

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

5510 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

1100'

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

1087'

22. IF MULTIPLE COMPL. HOW MANY?

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

971-981

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

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	133	8-3/4"	30 SX	
4 1/2"	10.5	1087	6-3/4"	145 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
			110		2-3/8"	1100	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

971-981-4 SPB

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

DEPTH INTERVAL (MD)

971-981

AMOUNT AND KIND OF MATERIAL USED

20' + C. B. - 4" SX

33.* PRODUCTION

DATE FIRST PRODUCTION

11/27/01

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

flowing

WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
9/19/01	24	1/2"		0	85	110	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORR.)
20	128		0	85	110	

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

John Whelan

TITLE

Operations Manager

DATE

1/18/02

*(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.

NM500D

WJH

