

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
NM-19163

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ REPAIR ☐ PLUG BACK ☐ DIFF. REPAIR ☐ Other _____

2. NAME OF OPERATOR
RICHARDSON OPERATING COMPANY 019219

3. ADDRESS AND TELEPHONE NO. c/o Walsh Engr. & Prod. Corp.
7415 E. Main Farmington, N.M. 87402

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 915' FSL & 1600' FWL

At top prod. interval reported below Same

At total depth Same

RECEIVED
JUL 22 1999
Bureau of Land Management
DIST. 3

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
WF Federal 20-1

9. API WELL NO.
30-045-29649

10. FIELD AND POOL, OR WILDCAT
Twin Mounds FR Sand/PC

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
Sec. 20, T30N, R14W

12. COUNTY OR
PARISH
San Juan

13. STATE
NM

15. DATE SPUDDED 7/24/98 16. DATE T.D. REACHED 7/30/98 17. DATE COMPL. (Ready to prod.) 3/25/99 18. ELEVATIONS (OF, RKB, RT, GR, ETC.) 5587' GL 19. ELEV. CASINGHEAD 5587'

20. TOTAL DEPTH, MD & TVD 1300' 21. PLUG BACK T.D., MD & TVD 1247' 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)

1100'-1110' Pictured Cliffs

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL & Density

25. WAS DIRECTIONAL
SURVEY MADE

Yes

27. WAS WELL CORRED

No

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#	128'	8-3/4"	50 sxs (59 cuft)	Surface
4-1/2"	10.50#	1300'	6-1/4"	80 sxs (94 cuft)	Surface
				50 sxs (59 cuft)	

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	1120'	

31. PERFORATION RECORD (Interval, size and number)

1100-1110' 30 holes 0.30"
3 spf

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1100-1110'	40,360# 16/30 Arizona 70% Nitrogen Foam

33.*

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/19/99	24	1/4"			10	60	
FLOW, TUBING PRSG.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
20	50			10	60		

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

Vented

TEST WITNESSED BY

John Thompson

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

John C. Thompson, Agent

DATE

7/2/99

ACCEPTED FOR RECORD

JUL 20 1999

FARMINGTON FIELD OFFICE
BY

*(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.

NMOCD

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland	633'					
Pictured Cliffs	1097'					

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