

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

1. LEASE DESIGNATION AND SERIAL NO.

NM-97843

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

WF Federal 28-1

9. API WELL NO.

30-045-29880

10. FIELD AND POOL OR WILDCAT

Harper Hill PC/
T. C. McQuinn

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

Sec. 28, T30N, R14W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. CEM. ☐ Other _____

2. NAME OF OPERATOR

RICHARDSON OPERATING COMPANY

019219

3. ADDRESS AND TELEPHONE NO. c/o Walsh Engr. & Profr. Corp.

7415 E. Main Farmington, N.M. 87402

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

At surface 985'FNL & 855'FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED
JUL - 2 1999

15. DATE SPUDDED 4/27/99
16. DATE T.D. REACHED 4/30/99
17. DATE COMPL. (Ready to prod.) 6/2/99

18. ELEVATIONS (OF RKB, RT, OR, ETC.)*
5593'GL

19. ELEV. CASINGHEAD
5593'

20. TOTAL DEPTH, MD & TVD
1310'

21. PLUG, BACK T.D., MD & TVD
1295'

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)*
1124-1138' Pictured Cliffs

25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CBL/CCL

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#	135' 132	8-3/4"	50 sxs (59 cuft) C1 "B"	Surface
6-1/4"	10.5#	1310'	4-1/2"	85 sxs (175 cuft) C1 "B"	Surface
		18		75 sxs (89 cuft) C1 "B"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	1183'	

31. PERFORATION RECORD (Interval, size and number)

1124-1138' 42 holes 0.28"
3 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1124-1138'	55,600 # 16/30 Airzona 70% Nitrogen Foam

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
							SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
5/8/99	24	1/4"	→		39	120		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
80	120	→		39	120			
34. DISPOSITION OF GAS (G-14) →								

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

Vented

TEST WITNESSED BY

John C. 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

JUN 30 1999

DATE 6/21/99

*(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 give 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

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland	600'					
Pictured Cliffs	1124'					