

2. This form is to be used for wells completed or recompleted on or after July 1, 1992.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0187

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM-25857

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

3. NAME OF OPERATOR
Richardson Operating Company

4. ADDRESS AND TELEPHONE NO.
1700 Lincoln, Suite 1700, Denver, CO 80203 303-830-8000

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1100' FSL, 1800' FEL
At top prod. interval reported below same
At total depth same

14. PERMIT NO. _____ DATE ISSUED _____

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME, WELL NO.
WF Federal 21-3
9. API WELL NO.
30-045-30261
10. FIELD AND POOL, OR WILDCAT
Harper Hill Fruitland Sand PC
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 21, T30N-R14W

15. DATE SPUDDED 6/17/00 16. DATE T.D. REACHED 6/19/00 17. DATE COMPL. (Ready to prod.) 9/8/00 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5665' GR 19. ELEV. CASINGHEAD 5665'

20. TOTAL DEPTH, MD & TVD 1465' 21. PLUG, BACK T.D., MD & TVD 1420' 22. IF MULTIPLE COMPL. HOW MANY? 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 1191' - 1203' Pictured Cliffs 25. WAS DIRECTIONAL SURVEY MADE YES 26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Neutron 27. WAS WELL CORED 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#	130'	8 - 3/4"	30 sxs	surface
4 - 1/2"	10.5#	1464'	6 - 1/4"	80 sxs	surface
				50 sxs	surface

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	1191'	

31. PERFORATION RECORD (Interval, size and number)
1191' - 1203' 48 holes 0.41" 4 spf

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) 1191' - 1203' AMOUNT AND KIND OF MATERIAL USED 73,100# 20/40 Arizona Sand

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

DATE OF TEST 9/8/00	HOURS TESTED 24	CHOKE SIZE 1/4"	PROD'N. FOR TEST PERIOD	OIL-BBL. _____	GAS-MCF. 18	WATER-BBL. 210	GAS-OIL RATIO
FLOW. TUBING PRESS. 0	CASING PRESSURE 12	CALCULATED 24-HOUR RATE	OIL-BBL. _____	GAS-MCF. 18	WATER-BBL. 210	OIL GRAVITY-API (CORR.)	

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 Catherine Colley TITLE Land Manager

ACCEPTED FOR RECORD
JAN 29 2001
FARMINGTON FIELD OFFICE
BY _____ DATE December 14, 2000

*(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.

44001

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	1191'	1203'				

38.

GEOLOGIC MARKERS

	NAME	TOP	
		MEAS. DEPTH	TRUE VERT. DEPTH