

UNITED STATES

SUBMIT IN DUPLICATE\*

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

(See other in-  
structions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0137

Expires: February 28, 1995

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG 18

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____										5. LEASE DESIGNATION AND SERIAL NO NMNM-97843	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Richardson Operating Company										7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 1700 Lincoln, Suite 1700, Denver, CO 80203 303-830-8000										8. FARM OR LEASE NAME, WELL NO. WF Federal 28-3	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 845' FSL, 1652' FWL At top prod. interval reported below same At total depth same										9. API WELL NO 30-045-30379	
14. PERMIT NO _____ DATE ISSUED _____										12. COUNTY OR PARISH San Juan	
15. DATE SPUDDED 11/14/2000 16. DATE T.D. REACHED 11/16/2000 17. DATE COMPL. (Ready to prod.) 01/04/2001 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5520' GR 19. ELEV. CASING HEAD 5520'										13. STATE NM	
20. TOTAL DEPTH, MD & TVD 1273' GL (1278' KB) 21. PLUG, BACK T.D., MD & TVD 1222' GL (1227' KB) 22. IF MULTIPLE COMPL. HOW MANY? _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS X CABLE TOOLS _____										25. WAS DIRECTIONAL SURVEY MADE yes	
24. PRODUCING INTERVAL(S) OF THIS COMPLETION --TOP, BOTTOM, NAME (MD AND TVD)* 994' - 1010' Fruitland Coal										27. WAS WELL CORED no	
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron Log											
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#		132'		8 - 3/4"		30 SX		surface	
4 - 1/2"		10.5#		1270'		6 - 1/4"		70 SX		surface	
								60 SX		surface	
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)			
2 3/8"											
31. PERFORATION RECORD (Interval, size and number) 994' - 1010' 64 holes 0.42" + spf											
ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 994'-1010' AMOUNT AND KIND OF MATERIAL USED 53.580 20/40 Brady											
33. DATE FIRST PRODUCTION _____ PRODUCTION METHOD _____ WELL STATUS (Producing or shut-in) Shut-in											
DATE OF TEST 01/02/2001		HOURS TESTED 24		CHOKE SIZE 3/8"		PROD'N FOR TEST PERIOD _____		OIL--BBL. _____ GAS--MCF 170		WATER--BBL. 135	
FLOW TUBING PRESS 50		CASING PRESSURE 190		CALCULATED 24-HOUR RATE _____		OIL--BBL. _____ GAS--MCF 170		WATER--BBL. 135		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) vented										TEST WITNESSED BY MAR 27 2001	
35. LIST OF ATTACHMENTS Set removable bridge plug @ 1010' prior to testing Fruitland Coal										FARMINGTON FIELD OFFICE BY _____	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records										DATE 3/20/2001	
SIGNED Cathleen Cully TITLE Land Manager											

\*(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.

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 MEAS. DEPTH TOP TRUE VERT. DEPTH
Fruitland Coal	970'	1010'		
Pictured Cliffs	1016'	1050'		