

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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 ☐
2. NAME OF OPERATOR Richardson Operating Company						5. LEASE DESIGNATION AND SERIAL NO. NM-021118	
3. ADDRESS OF OPERATOR 309 West First Ave., P.O. Box 9808, Denver, CO 80209						6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2015 FSL, 1765 FWL, Section 5 At top prod. interval reported below Same At total depth Same						7. UNIT AGREEMENT NAME N/A	
14. PERMIT NO.						DATE ISSUED 4-27-93	
15. DATE SPUDDED 12-26-92						16. DATE T.D. REACHED 12-31-92	
17. DATE COMPL. (Ready to prod.) 3-15-93						18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 5682 GR	
20. TOTAL DEPTH, MD & TVD 1840'						21. PLUG, BACK T.D., MD & TVD 1796'	
22. IF MULTIPLE COMPL., HOW MANY* NA						23. INTERVALS DRILLED BY ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1676'-1710' Basin Fruitland Coal						25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron, Formation Density, Microlog, GR						27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
7"		23#		120'		8 3/4"	
4 1/2"		10.5#		1840'		6 1/4"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		1733'					
31. PERFORATION RECORD (Interval, etc.)							
1676-1677'		RECEIVED JUL 26 1993 OIL CON. DIV. 1 DIST. 3					
1686-1710'							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
1676-1710'				34,160 gal 160 foam			
				55,900# 20/40 sand			
33. PRODUCTION							
DATE FIRST PRODUCTION 3-15-93		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) shut-in—waiting on pipe line	
DATE OF TEST 3-15-93		HOURS TESTED 12		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO No Flow	
FLOW. TUBING PRESS. 0		CASING PRESSURE 470		CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY Bruce Delventhal	
35. LIST OF ATTACHMENTS Logs, Deviation Survey							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED [Signature]		TITLE Vice President				DATE 6-23-93	

*(See Instructions and Spaces for Additional Data on Reverse Side)

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
Basin Fruitland Coal	1670'	1724'				
Pictured Cliffs	1724'	TD				

RICHARDSON OPERATING COMPANY

ROPCO Fee FC 5 No. 2
2015' FSL, 1765' FWL
Sec. 5, T29N, 12W
San Juan County, NM

DEVIATION SURVEYS

<u>Depth</u>	<u>Hole Deviation</u>
121'	1/4 deg.
617'	1/2 deg.
1096'	3/4 deg.
1568'	1 deg.
1852'	3/4 deg.

State of New Mexico)
) ss
County of San Juan)

I, Bruce E. Delventhal, being duly sworn, depose and state that the above and foregoing depth and hole deviation figures are true and correct to the best of my information and belief.

Bruce E. Delventhal

Subscribed and sworn before me this 5th day of February 93.

Jeri Sue Cone
Notary Public

My Commission Expires: 1-18-94