

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions 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. REVR. ☐	Other ☐								
2. NAME OF OPERATOR Blackwood & Nichols Co., Ltd.															
3. ADDRESS OF OPERATOR P. O. Box 1237, Durango, CO 81302															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 655' FNL - 740' FEL At top prod. interval reported below Same At total depth Same															
14. PERMIT NO. 30-039-24364				DATE ISSUED											
15. DATE SPUDDED 12-15-88		16. DATE T.D. REACHED 12-20-88		17. DATE COMPL. (Ready to prod.) 2-9-89		18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* GL - 6133 KB 6145		10. ELEV. CASINGHEAD 6135'							
20. TOTAL DEPTH, MD & TVD 3236'		21. PLUG, BACK T.D., MD & TVD 3193'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY TD		ROTARY TOOLS CABLE TOOLS							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Fruitland Coal, 2750-3051, Perfd 2934 - 3033' OA								25. WAS DIRECTIONAL SURVEY MADE No							
26. TYPE ELECTRIC AND OTHER LOGS RUN VDL-CBL-CDL-CCL-DIL-GR-CAL-SP-FDC-CNL								27. WAS WELL CORRED No							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
9 5/8"		36# K-55		307'		12 1/4"		200 sx(236 cf) Class B Neat		Circulated					
5 1/2"		17# K-55		3234'		7 7/8"		130 sx(170 cf) Class G		Circulated					
								300 sx(552 cf) Class G							
								100 sx(115 cf) Class G							
29. LINER RECORD								30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
None										2 7/8"		3063'		None	
31. PERFORATION RECORD (Interval, size and number) 3023-3033', 2934-2945', 2974-2990' Total 41' with 164 shots @4 SPF, .48"								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
								DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
								Frac 3023-33		36,680# 40/70 and 68,250# 12/20					
										sand, 50,190 gal gell and 4956 XLin					
								Frac 2934-2990'		28,300# 40/70 and 198,000# 12/20					
										Sand, 83,400 gal with 7,600 gal.					
33. PRODUCTION								Cross linker							
DATE FIRST PRODUCTION Not Connected		PRODUCTION METHOD (Flowing, gas lift, pumping— Pumping						WELL STATUS (Producing or shut-in) Shut In							
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
Not tested For final I.P.															
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
388		419													
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Well to be tested when pipeline connection becomes possible								TEST WITNESSED BY							
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 William F. Clark TITLE Operations Manager DATE April 11, 1989

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

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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, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo Fruitland	1969 2750	2110 3051	Sandstone, Siltstone, shale, water Shale, coal, siltstone, mudstone, hydrocarbon water	Ojo Alamo Kirtland Fruitland Pictured Cliffs	1969 2110 2750 3051	Same Same Same Same
Pictured Cliffs	3051	TD	Sandstone, siltstone, shale, trace hydrocarbon, water			
No cores or DSTs						