

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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. RENVR. ☐	Other _____								
2. NAME OF OPERATOR						7. UNIT AGREEMENT NAME									
Blackwood & Nichols Co., Ltd.						Northeast Blanco Unit									
3. ADDRESS OF OPERATOR						8. FARM OR LEASE NAME									
P.O. Box 1237, Durango, Colorado 81302-1237						Northeast Blanco Unit									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						9. WELL NO.									
At surface						420									
At top prod. interval reported below						10. FIELD AND POOL, OR WILDCAT									
1030' FNL, 1485' FEL						Basin Fruitland Coal									
At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA									
						Sec. 28, T31N, R7W, NMP									
14. PERMIT NO.				DATE ISSUED											
30-045-27286															
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*		19. ELEV. CASINGHEAD							
10-07-89		10-13-89		10-18-89		6378' GL									
20. TOTAL DEPTH, MD & TVD		21. PLUG BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS							
3172'		3172'				→		TD							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*								25. WAS DIRECTIONAL SURVEY MADE							
Basin Fruitland Coal, open hole completion, from 2991' to 3172'								Yes							
26. TYPE ELECTRIC AND OTHER LOGS RUN								27. WAS WELL CORRED							
Mud Log								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"		23# J-55		311'		12-1/4"		295 cf Class B		20 Bbls Circ. Cm					
7"		23# J-55		2991'		8-3/4"		754 cf Class B 65/35 POZ							
								144 cf Class B		27 Bbls Circ. Cm					
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
None										2-3/8"		3067'		N/A	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
Open hole, no liner										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										2991' to		Natural, stressed relieved			
										3172'		the coal zones.			
33.* PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)							
W/O pipeline		Flowing during completion operation, wet gauge.						Shut-in							
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BSL.		GAS—MCF.		WATER—BSL.		OIL GRAVITY-API (CORR.)	
10-18-89		1 Hr.		2" pitot		→									
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BSL.		GAS—MCF.		WATER—BSL.		OIL GRAVITY-API (CORR.)			
N/A		N/A		→				615 MCFD		240 BWD (Estimated)					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY					
Vented										Jack Bowden					
35. LIST OF ATTACHMENTS										BY <u>JK</u>					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED <u>William F. Clark</u>		TITLE Operations Manager						DATE <u>12 Dec '89</u>							
William F. Clark															

*(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
No Electric	Log run; only a Mud Log through the Fruitland Coal Zones:					
Fruitland Coal Zones:	3026'	3028'		Ojo Alamo	2100'*	
	3055'	3057'		Kirtland	2280'*	
	3060'	3061'				
	3064'	3073'		Fruitland	2980'*	
	3105'	3118'				
	3129'	3130'				
	3134'	3139'				
	3169'	3172'				
				* Inferred from offset well logs.		