

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. REVR. ☐ Other _____					
2. NAME OF OPERATOR Blackwood & Nichols Co., Ltd.					
3. ADDRESS OF OPERATOR P. O. Box 1237, Durango, CO 81302-1237					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 930' FNL, 900' FEL At top prod. interval reported below Same At total depth Same					
14. PERMIT NO. 30-045-24217		DATE ISSUED			
12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico			

5. LEASE DESIGNATION AND SERIAL NO. SF 079060
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME NEBU Agreement. No. I, Sec. 929
8. FARM OR LEASE NAME Northeast Blanco Unit
9. WELL NO. 407
10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA A-Sec. 21, T30N, R7W

15. DATE SPUDDED 6-2-88	16. DATE T.D. REACHED 6-5-88	17. DATE COMPL. (Ready to prod.) 9-13-88	18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* GL 6222' KB 6234'	19. ELEV. CASINGHEAD 6236'
20. TOTAL DEPTH, MD & TVD 3116'	21. PLUG, BACK T.D., MD & TVD 3113'	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				25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN GR, CDL, CCL, CBL				27. WAS WELL CORED 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#, J-55	320'	12 1/4"	250 sx (295 cf) Class B	Circulated
7"	23#, N-80	2966'	8 3/4"	400 sx (674.4 cf) HowcoLite	Bond Log
				100 sx (118 cf) Class B	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 1/2"	2870'	3113'	open	no	2 7/8"	3000	None

31. PERFORATION RECORD (Interval, size and number) Predrilled 1" x 1/2" I.D., 12/ft. 2960-80, 3001-3080, 3090-3111, total perfs - 120	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) None-natural
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33. PRODUCTION							
DATE FIRST PRODUCTION Not connected		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1375	1375	→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) I.P. Test to be made when pipeline connection becomes available	TEST WITNESSED BY
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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 <u>William F. Clark</u>	TITLE <u>Operations Manager</u>
DATE <u>April 10, 1989</u>	

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

17. 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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2000'	2178'	Sandstone, siltstone, mudstone, water	Ojo Alamo	2000'	Same
Fruitland	2812'	3116' TD	Coal, shale, siltstone, hydrocarbons, water	Kirtland	2178'	Same
				Fruitland	2812'	Same