

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 _____		5. LEASE DESIGNATION AND SERIAL NO. SF 078615-A																									
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Northeast Blanco																									
2. NAME OF OPERATOR Blackwood & Nichols Co., Ltd.		7. UNIT AGREEMENT NAME Northeast Blanco Unit																									
3. ADDRESS OF OPERATOR P. O. Box 1237, Durango, CO 81302		8. WELL NO. 441																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 1420' FNL - 1760' FEL At top prod. interval reported below same At total depth same		9. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal																									
14. PERMIT NO. 30-045-27157		10. ELEV. CASINGHEAD 6538'																									
15. DATE STUDDERED 11-28-88		11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA Sec. 24, T30N, R8W, NMPM																									
16. DATE T.D. REACHED 12-02-88		12. COUNTY OR PARISH San Juan																									
17. DATE COMPL. (Ready to prod.) 12-13-88		13. STATE New Mexico																									
18. ELEVATIONS (OF, RKB, RT, OR, ETC.)* 6397.5' KB		14. PERMIT NO. 30-045-27157																									
19. ELEV. CASINGHEAD 6538'		15. DATE STUDDERED 11-28-88																									
20. TOTAL DEPTH, MD & TVD 3500'		16. DATE T.D. REACHED 12-02-88																									
21. PLUG, BACK T.D., MD & TVD 3456'		17. DATE COMPL. (Ready to prod.) 12-13-88																									
22. IF MULTIPLE COMPL., HOW MANY*		18. ELEVATIONS (OF, RKB, RT, OR, ETC.)* 6397.5' KB																									
23. INTERVALS DRILLED BY Rotary Tools Cable Tools		19. ELEV. CASINGHEAD 6538'																									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3084'-3239'; Fruitland Coal		20. TOTAL DEPTH, MD & TVD 3500'																									
25. WAR DIRECTIONAL SURVEY MADE No		21. PLUG, BACK T.D., MD & TVD 3456'																									
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray-Induction; Density; Neutron; VDL-CBL-CCL		22. IF MULTIPLE COMPL., HOW MANY*																									
27. WAS WELL CORED No		23. INTERVALS DRILLED BY Rotary Tools Cable Tools																									
28. CASING RECORD (Report all strings set in well)																											
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29. LINER RECORD																											
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31. PERFORATION RECORD (Interval, size and number)																											
3192-3202'; 3213-3218'; 3221-3239'; 3128-3139'; 3084-3094'; 3097-3117'; .48"; 294 total holes																											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																											
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33. PRODUCTION																											
218,093# 12/20 Brady sand																											
DATE FIRST PRODUCTION Not connected																											
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing																											
WELL STATUS (Producing or shut-in) SI - waiting on connection																											
DATE OF TEST 1-9-89																											
HOURS TESTED 3																											
CHOKE SIZE 38/64"																											
PROD'N. FOR TEST PERIOD 0																											
OIL—BBL. 0																											
GAS—MCF. 149																											
WATER—BBL. 195																											
OIL GRAVITY-API (CORR.) NA																											
FLOW. TUBING PRESS. SITP - 80#																											
CASINO PRESSURE SICP - 1080#																											
CALCULATED 24-HOUR RATE 0																											
OIL—BBL. 0																											
GAS—MCF. 1190																											
WATER—BBL. 1560																											
OIL GRAVITY-API (CORR.) NA																											
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented																											
TEST WITNESSED BY																											
35. LIST OF ATTACHMENTS None																											
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>3-13-89</u>																											

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	2195'	3208'	Sandstone, siltstone, water
Fruitland	2872'	3248'	Shale, siltstone, coal, hydrocarbons
Pictured Cliffs	3248'	TID (3500')	Sandstone, siltstone, shale, water

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2195'	NA
Kirtland	2308'	NA
Fruitland	2872'	NA
Pictured Cliffs	3248'	NA