

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 3160-5
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill, deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: oil well ☐ gas well ☒ 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: (Footage, Sec., T., R., M., or Survey Description)
2380' FSL, 1790' FEL (surface) 1400' FNL, 1750' FEL (bottomhole)
Section 8, T30N, R7W, NMPM

5. Lease Designation & Serial #
SF079042
6. If Indian, Allottee/Tribe Name
7. If Unit or CA, Agmt. Design.:
Northeast Blanco Unit
8. Well Name and No.:
N.E.B.U.# 423R
9. API Well No.:
30-039-70390
10. Field & Pool/Expltry Area:
Basin Fruitland Coal
11. County or Parish, State:
Rio Arriba, New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Date RECEIVED FEB 04 1991 OIL CON. DIV. DIST. 3	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other:
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Change of Plans <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection
<input type="checkbox"/> Final Abandonment Notice	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

12-01-90 Spud 14-3/4" surface hole at 5:00 a.m., 12-01-90.
12-02-90 Drill to 400'. Run 9 jts (385.17') 10-3/4" 40.5# WC50 Lone Star Steel casing; notched collar at 400'; one centralizer in middle of jt. #1. Mix 150 sx of cement. Pump truck broke down. Rig up rig pump and displace all 150 sx of cement to reserve pit. Circulate hole with spud mud. Wait on replacement pump truck.

Continued on attached page

14. I hereby certify that the foregoing is true and correct.

Signed: R.W. Williams ROY W. WILLIAMS Title: ADMINISTRATIVE MANAGER Date: 12/20/90

(This space for Federal or State office use)

Approved By _____ Title _____ Date _____
Conditions of approval, if any:

ACCEPTED FOR RECORD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency or the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

FARMINGTON RESOURCE AREA

BY RM

NMOCD

12-03-90 Wait on pump truck. Pump 20 Bbls ahead and cement with 350 sx (442.5 cf) Class B with 2% CaCl₂ and 1/4 #/sk flocele. Circulate 35 Bbls cement to surface. Plug down at 9:50 a.m., 12-02-90. WOC. Cut off, weld on casinghead (no port to test weld bead). Nipple up and wait on cement. Pressure test pipe rams and casing to 1000 psi for 30 minutes - held OK. Drill out plug, cement, and formation. Circulate clean with water.

12-04-90 Mix mud. POOH, wait on sub, pick up BHA.

12-05-90 Made 775' in 19-1/2 hours drilling. Finish TIH, circulate and survey. Drill. POOH to change BHA. TIH, resume drilling. At 1125' MD and 1099' TVD inclination = 29.9°, azimuth angle = N 2.13° W; horizontal displacement = 146.2'. At 1250' MD and 1206' TVD inclination = 35.1°, azimuth angle = N 0.48° W; horizontal displacement = 197'.

12-06-90 Made 550' in 18-1/4 hours drilling. Drill, circulate hole clean. POOH, change bit and dynadrill. RIH, resume drilling. At 1734' MD and 1547.15' TVD inclination = 50.7°, azimuth angle = N 1.12° E; horizontal displacement = 552.7'. At 1800' MD and 1588.95' TVD inclination = 50.7°, azimuth angle = N 1.10° E; horizontal displacement = 603.78'.

12-07-90 Made 500' in 17-1/2 hours drilling. Drill, circulate hole clean. POOH, change bit and dynadrill. RIH, resume drilling. At 1734' MD and 1547.15' TVD inclination = 50.7°, azimuth angle = N 1.12° E; horizontal displacement = 552.7'. At 1800' MD and 1588.95' TVD inclination = 50.7°, azimuth angle = N 1.10° E; horizontal displacement = 603.78'.

12-08-90 Made 482' in 23-3/4 hours drilling. At 2720' MD and 2234.2' TVD inclination = 30.9°, azimuth angle = N 1.29° E; horizontal displacement = 1252.9'. At 2782' MD and 2288.0' TVD inclination = 28.4°, azimuth angle = N 1.31° E; horizontal displacement = 1283.63'.

12-09-90 Made 278' in 17 hours drilling. Trip to check BHA, change bit. At 2970' MD and 2460.6' TVD inclination = 20.3°, azimuth angle = N 1.35° E; horizontal displacement = 1358.0'. At 3060' MD and 2545.9' TVD inclination = 17.1°, azimuth angle = N 1.38° E; horizontal displacement = 1386.9'.

12-10-90 Made 300' in 23-3/4 hours drilling. At 3283' MD and 2784.8' TVD inclination = 4°, azimuth angle = N 1.32° E; horizontal displacement = 1427.0'. At 3360' MD and 2841.5' TVD inclination = 0.84°, azimuth angle = N 1.30° E; horizontal displacement = 1430.5'.

12-11-90 Made 44' in 2 hours drilling. Drill 44' to vertical at 3404'. Circulate and POOH laying down drill pipe and BHA. At 3404' MD and 2885.7' TVD inclination = 0.0°, azimuth angle = N 1.30° E; horizontal displacement = 1431.05'.

12-12-90 Ream to bottom. Drill 69' to 3473' MD, 2955' TVD. Circulate bottoms up. Rig up and lay down drill pipe and BHA. Change rams. Rig up and run 83 jts (3480.69') 7-5/8" 29.7# N-80 8rd LT&C Dalmine/USS casing.

12-13-90 Break circulation, 2750 psig, with Halliburton. Circulate with rig pump. Pump 20 Bbls mud flush ahead with a bottom pipe-wiper plug. Cement with 780 sx (1186 cf) Halliburton Lite cement with 1/4 #/sk flocele, 1.2% Halad 322, and 2% KCl (mixed at 13.2 ppg). Tail with 125 sx (148 cf) Class B with 1/4 #/sk flocele, .4% CLR3, and .4% Halad 344 (mixed at 15.6 ppg). Bump plug with 1500 psig at 10:15 a.m., 12-13-90. Circulate 76.8 Bbl cement slurry to surface. Float held OK. Cement shoe at 3473'; insert float at 3429.47'. Set 80,000# on slips. Cut off casing. Nipple up tubing head. Test 1500 psig -OK. Release drilling rig at 4:00 p.m., 12-13-90.