

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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)

1156' FNL, 903' FEL - Sec. 11, T31N, R7W

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

5. Lease Designation & Serial #:

NM-03358
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.# 440
9. API Well No.:

30-045-27555
10. Field & Pool/Expltry Area:

Basin Fruitland Coal
11. County or Parish, State:

San Juan, New Mexico

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

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

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.)*

RECEIVED

APR 09 1990

OIL CON. DIV.
DIST. 3

1-8-90 Move on an rig up.

1-9-90 Pressure tested 7" casing and BOP blind rams to 2000 psig - held OK.
Picked up 6-1/4" bit drill collars, then 3-1/2" drill pipe.
Pressure tested 3-1/2" pipe rams to 2000 psig - held OK.
Drilled Fruitland formation from 3059' to 3161' with water.

(Continued on next page)

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

Signed: William F. Clark WILLIAM F. CLARK Title: OPERATIONS MANAGER Date: 19 Mar '90

(This space for Federal or State office use)

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

Accepted For Record

APR 04 1990

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.

Chief, Branch of
Mineral Resources
Farmington Resource Area

1-10-90 TD to 3404'.

Drilled formation from 3161' to 3404' with water. Coal intervals:
3116' - 3119' 3265' - 3266'
3142' - 3147' 3281' - 3286'
3148' - 3160' 3291' - 3292'
3163' - 3172'
3221' - 3229'
3147' - 3248'
3258' - 3261'

Circulated hole with water; returns light coal, 1/16" minus sized.

Circulated with air and water; returns light coal with shale and siltstone and 20' gas flare.

1-11-90 Circulated with air and water, returns light coal, 1/16" - 60%, with 40% shale and siltstone.

Gauged well, 2" pitot: 1 hour, 752 MCFD (dry). Shut in well for buildup: 2-1/4 hrs - 950 psig.

Surged well. Circulated well with air and water. Returns light coal, 1/4" - 60%, and 40% shale and siltstone. Water test, bucket gauge - 171 BWD.

1-12-90 Work pipe, circulate with air and water. Returns light coal, 60%, with 40% shale and siltstone.

Gauge well, 2" pitot: 1 hr, 970 MCFD (dry). Shut well in for buildup: 1/4 hr - 220 psig; 1/2 hr - 445; 3/4 hr - 560; 1 hr - 660; 1-1/4 hrs - 880; 1-1/2 hrs - 950; 1-3/4 hrs - 1020; 2 hrs - 1050 psig.

Surge well. Circulate with air and water. Returns moderate coal, 1/16" to 1/4" - 85%, with 15% shale and siltstone in black water.

Gauge well, 2" pitot: 1 hr - 970 MCFD (dry).

1-13-90 Shut well in. Build up: 1/4 hr - 290 psi, 1/2 hr - 500 psi; 3/4 hr - 660 psi; 1 hr - 740; 1-1/4 hrs - 800 psi; 1-1/2 hrs - 870 psi; 1-3/4 hrs - 910 psi; 2 hrs - 950 psi.

Surge well. Work pipe with water. Returns moderate decreasing to light 1/4" to 1/2 coal (90%), shale and siltstone in gray to clear water.

Work pipe and blow open hole with air and water. Returns light 1/6" coal (80%), shale and siltstone. No hole problems. Pitot gauge well through 2" line: 1 hr., 1374 MCFD (damp). Bucket tests: 188 BWD. 12:00 p.m., 154 BWD.

1-14-90 Working pipe with air only and 12 BBL water sweeps hourly. Flow well through 3/4" fixed choke: 1 hr. - 989 MCFD (wet).

Pitot gauge well through 2" line: 1 hr - 1520 MCFD (wet). Work pipe with air and water. Returns light to moderate decreasing to light 1/16" to 1/2" coal (90%). No hole problems. Work pipe with air only with 12 Bbls water sweeps hourly. No hole problems.

1-15-90 Work pipe circulate with air and water sweeps every hour. Returns light coal. Water production was 154 BWD. Circulate with air and water sweeps. Returns light coal, gas and gray water. TOH with drill pipe and drill collars.

Pick up and strip 5-1/2" liner into hole. Liner has 4 HPF, 0.625" size.

1-16-90 Circulate hole with air and then picked up liner 11' of bottom; set liner.

Liner Summary: Top - 2996'; Bottom - 3392'

Perforations: 4 HPF, 0.625"

3101-3118', 3140-3176', 3217-3233', 3236-3272', 3276-3292

Pick up 4-1/2" plug mill. TIH with 2-3/8" tubing. Miller liner perf plugs.

1-17-90 TOH and lay down 4-1/2" plug mill. Pick up 2-3/8" expendable check and TIH. Land tubing and ND BOPs, NU wellhead. Pump off expendable check with 1550 psig.

Run 97 joints (3182.11) 2-3/8" tubing 4.7# J-55 EUE FBN TRS, set at 3198'. Flow well; final gauge, 2" pitot: 1 hr - 1,454 MCFD (wet). Gauged water production - 154 BWD. Rig released 1-16-90.