

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 **X** 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)

210° FNL, 1900 FEL - Sec. 6, T. 1N, R. 1W

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

5. Lease Designation & Serial #:

SF-079042

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.# 451

9. API Well No.:

30-045-27327

10. Field & Pool/Expltry Area:

Basin Fruitland Coal

11. County or Parish, State:

San Juan, NM

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 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.)

RECEIVED
JUN 11 1990
OIL CON. DIV
DIST. 3

<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.)*

3-21-90 Move in and rig up. Pressure test blind rams and 7" casing to 2000 psi for 15 minutes - test OK.

Pick up 6-1/4" bit, bit sub with floats, drill collar, N nipple, drill collars.

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

Signed: William F. Clark WILLIAM F. CLARK

Title: OPERATIONS MANAGER

Date: 3 May '90

(This space for Federal or State office use)

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

Date _____

ACCEPTED FOR RECORD

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

MAY 30 1990
FARMINGTON RESOURCE AREA
BY W. Clark

NMCCD

3-22-90 Pick-up 3-1/2" drillpipe. Tag cement. Rig up power swivel, test all 3-1/2" pipe rams and 4-1/16" valves to 2000 psi for 15 minutes. Held OK.

Drilling cement 2823-2869'. Insert float at 2823'. 7" shoe at 2869'.

Drilling Fruitland Coal 2869-3096.

TD at 3096'.

Coal Intervals:

2890-2893'
2896-2898'
2902-2903'
2905-2906'
2908-2909'
2973-2979'
2983-2984'
2987-2988'
3001-3004'
3007-3009'
3052-3056'
3058-3060'
3083-3093'

3-23-90 Work pipe at TD and circulate hole with water. Returns light coal.

Blow well with air and water. Returns moderate coal, 1/16" to 1/4". Hole free. Strong gas flare.

3-24-90 Work pipe at TD and circulate hole with air and water. Returns light coal, 1/16 - 1/8". Increased air and decreased water. Returns moderate coal. Hole sticky at times.

Estimated production - 1500 MCFD and 100 to 200 BWD.

3-25-90 Work pipe and circulate hole with air and water decreasing water. Returns moderate to light coal, and dirty water.

Estimated gas -2 to 3000 MCFD; bucket test - 206 BWD

3-26-90 Work pipe and circulate hole with air and water with water sweeps every hour. Returns light coal while circulating and moderate when sweeps come around.

Work pipe with air and water. Hole free and clean.

Estimated gas - 3000 MCFD; bucket test - 206 BWD

3-27-90 Work pipe. Blow hole with air and water.

Pull into 7" casing.

Pitot test well through 2" line. All gauges were wet; 1 hr - 35 psi, 4.206 MCFPD.

Flow test well through 3/4" choke. All gauges were wet. 1 hr - 270 psi, 3.394 MMCFPD.

Shut in well. Monitor pressure build up. 1/2 hr - 730 psi; 1 hr - 950 psi; 1 1/2 hr - 1150 psi; 2 hrs - 1240 psi; 2 1/2 hrs - 1300 psi.

Bleed well down slowly.

TIH. Tag and clean out 5' of fill to TD. Work and rotate pipe 3066 to 3096'. Blow hole with air and water. Returns on sweeps, moderate to heavy 1/16" to 1/4" coal shale and siltstone in black water. Returns on dry flushes, moderate to 1/16" coal in dirty to black water.

Pull into 7" casing. Pitot gauge well on 2" line all gauges were wet. 1 hr - 35 psi, 4.206 MMCFPD. Bucket test 1070 BWPD.

3-28-90 TIH. Tag and clean out fill to TD. Work and rotate pipe at TD.

Work pipe at TD with air and water sweeps every 15 minutes for two hours. Returns light to moderate 1/16" coal and smaller, black water. No torque or drag.

Pitot test #3: 1 hr - 35 psi, 4206 MMCFPD. All gauges were wet.

Water rate test - 514 BPDW.

3-29-90 Set back swivel. Strap out of hole.

Pick up 5-1/2" V shoe. 1 jlt. 5-1/2" L-80 casing. RIH to blind rams. Equalize pressure and open blooie lines. Strip remaining 8 jts. of liner, liner hanger and 3-1/2" drill pipe. Hang liner and set pack-off.

Liner Summary:	Perforations (8 HPF)
Shoe - 3095'	2894.42-2911.34'
Top of liner - 2820.31'	2973.27-3029.18'
Overlap - 48.69'	3051.05-3091.76'

Rig up and lay down drill pipe and DC's.

Pick up 4-1/2" mill. 2-7/8" tubing. Drill out plugs 2894' to 3092'.

Hang back swivel and POOH.

3-30-90 Pick up 2-7/8" expendable check. 1 jlt. of tubing and F-Nipple and remainder of tubing. RIH. Land tubing, nipple down. BOP. Nipple up tubing head.

Drop ball. Pump off check. Flow well back to pit. Pitot test well.

Pitot test: 1 hr - 35 psi, 4.206 MMCFPD.

Ran 97 jts (3001.22') 2-7/8" 6.5# J-55 8rd EUE FBNAU US Steel tubing. Expendable check at 3015.22'. Baker F-nipple (2.25" ID) set at 2982.51'.