

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)

1400' FNL, 960' FEL - Section 27, ~~13N~~, 87W

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

5. Lease Designation & Serial #:

SF-079003

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.# 470

9. API Well No.:

30-045-27571

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 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.)*

See Addendum for a full description of the tight open hole "stress relieve" type coal operation.

RECEIVED
SEP 07 1990
OIL CON. DIV
DIST. 3

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

Signed: R.W. Williams ROY W. WILLIAMS

Title: ADMINISTRATIVE MANAGER

Date: 8/16/90

ACCEPTED FOR RECORD

(This space for Federal or State office use)

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

SEP 05 1990
Date
FARMINGTON RESOURCE AREA

N.M.O.C.D.

BLACKWOOD & NICHOLS CO., LTD.

P.O. BOX 1237

DURANGO, COLORADO 81302-1237

(303) 247-0728

Completion Report

Northeast Blanco Unit No. 470 - Basin Fruitland Coal

LOCATION: 1400' FNL, 960' FEL
Section 27, T31N, R7W
San Juan County, New Mexico

4-23-90 7" casing at 2966'.

Pressure testing 4" hand valves and HCR valves to 2000 psi for 30 minutes - held OK.

Move in and rig up Big "A" Rig No. 23. Nipple up and lay blooie and bleed off lines. Put drill collars on rack, strap and caliper, strap drill pipe.

Pressure test blind rams and manifold to 2000 psi - held OK.

Pick up new 6-1/4" Smith FDT SN# KM9723, bit sub, bottom hole collar, float sub, F nipple (1.87" ID), 10 drill collars, 1 jt drill pipe, and F nipple (2.25" ID) - total length 348.46'.

Pressure test 4-3/4" rams - held OK.

Pick up drill pipe, tag cement at 2596', have 350' cement.

Pick up swivel and stripper rubber.

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LOCATION: 1400' FNL, 960' FEL
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San Juan County, New Mexico

4-24-90 7" casing at 2966'.

Drilling PC tongue at 3261' with 10,000# WOB and 60 RPM.

Pressure test HCR valves to 2000 psi - held OK.

Drill cement 2922-2967', drill float collar at 2924' and shoe at 2967'.

Drill Fruitland coal 2967-3261'; have 8' flare.

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LOCATION: 1400' FNL, 960' FEL
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4-25-90 Working pipe at TD of 3349' with 5 BPM water @ 400 psi.

Drill Pictured Cliffs tongue 3261-3349' with 10,000# WOB,
60 RPM, and 7 BPM water @ 700 psi.

Work pipe at TD with 7 BPM water; returns light 1-1/6"
coal (98%), shale and siltstone.

Work pipe at TD with 5 BPM water; returns light 1/16"
coal (98%), shale and siltstone in clear water.

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Completion Report

Northeast Blanco Unit No. 470 - Basin Fruitland Coal

LOCATION: 1400' FNL, 960' FEL
Section 27, T31N, R7W
San Juan County, New Mexico

4-26-90 7" casing at 2966'; open hole 2966-3349'.

Running 5 Bbls sweeps every 1/2 hr; 10' flare; 150 MCFD.

Work pipe at TD with 5 BPM water.

Work pipe at TD with 2 BPM water.

Work pipe at TD with 1 MM air, 5 BPM water; returns light 1/16" coal (98%), shale and siltstone in clear water.

Work pipe at TD with 1 MM air and 4 decreasing to 1 BPM water; returns very light 1/4" to 1/16" coal (98%), shale and siltstone in clear water.

Work pipe at TD with 1 MM air and 10 Bbl sweeps every 1/2 hr; returns very light 1/4" to 1/16" coal (98%), shale and siltstone in clear water.

Work pipe at TD with 1 MM air and 5 Bbl sweeps every 1/2 hr; returns very light 1/16" coal (98%), shale and siltstone in clear water.

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LOCATION: 1400' FNL, 960' FEL
Section 27, T31N, R7W
San Juan County, New Mexico

4-27-90 7" casing at 2966'; open hole 2966-3349'.

TIH after flow test.

Work pipe at TD with 1 MM air and 5 Bbl sweeps each 1/2 hr; returns very light 1/4"-1/16" coal in clear water.

Pull 13 jts for 1 hr flow test and 1 hr pressure build up. Flow test: 1/4 hr - 5 oz., 354 MCFD; 1/2 hr - 7 oz., 404 MCFD; 3/4 hr - 404 MCFD; 1 hr - 7.5 oz., 426 MCFD (all gauges dry).

Shut in: 1/4 hr - 150 psi; 1/2 hr - 280; 3/4 hr - 400; 1 hr - 480; 1-1/4 hrs - 560; 1-1/2 hrs - 640; 1-3/4 hrs - 700 psi.

Surge well through blooie line.

Work pipe at TD with 2 MM air and 5 Bbl water sweeps every 1/2 hr; returns very light 1/4" coal in clear water.

Short trip to 7", gauge well. Flow test: 1/4, 1/2, 3/4, and 1 hr - 13 oz., 565 MCFD (dry).

Shut in: 1/4 hr - 140 psi; 1/2 hr - 280; 3/4 hr - 400; 1 hr - 480; 1-1/4 hrs - 600; 1-1/2 hrs - 680; 1-3/4 hrs - 720 psi.

Surge well through blooie line.

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Completion Report

Northeast Blanco Unit No. 470 - Basin Fruitland Coal

LOCATION: 1400' FNL, 960' FEL
Section 27, T31N, R7W
San Juan County, New Mexico

4-28-90 7" casing at 2966'; open hole 2966-3349'.

TIH.

TIH, had 1' fill. Flow well for 1-1/2 hours, no water production.

Circulate at TD with 2 MM air and 5 Bbl water sweeps every 1/2 hour; returns very light 1/8" and less coal in clear water.

Short trip, gauge well through 2" line: 1/4 hr - 11 oz., 514 MCFD; 1/2 hr - 12 oz., 539; 3/4 hr - 13 oz., 565; 1 hr - 565 MCFD (all gauges dry).

Shut in for pressure build-up: 1/4 hr - 150 psi; 1/2 hr - 280; 3/4 hr - 390; 1 hr - 470; 1-1/4 hrs - 590; 1-1/2 hrs - 660; 1-3/4 hrs - 700 psi.

Surge well. TIH, had 1' fill.

Work pipe at TD with 2 MM air and 5 Bbl water sweeps every hour; returns very light 1/8" coal and siltstone in clear water.

Short trip to gauge well through 2"; 1/4 hr - 9 oz., 464 MCFD; 1/2 hr - 9.5 oz., 478; 3/4 hr - 10 oz., 492 MCFD; 1 hr - 11 oz., 514 MCFD (all gauges dry).

4-29-90 Rig released.

TIH after short trip - no fill. POOH, lay down drill pipe and drill collars.

Rig up to run 2-3/8" tubing.

NEBU #470 - Completion Report
April 30, 1990

p. 2

(Cont'd)
4-29-90

Pick up expendable check, 1 jt tubing, F nipple (1.81" ID). Pick up tubing. Run 95 jts (2945.04') new 2-3/8" 4.7# J-55 FBN USS tubing, land at 2958', F nipple at 2923'.

Nipple down BOPS, nipple up tree.

Pump off expendable check. Blow well around with air.

Blow well through tubing.

Test through 2": 1/4 hr - 12 oz., 539 MCFD; 1/2, 3/4 and 1 hr - 11 oz., 514 MCFD (all gauges dry).

Rig down to move. Rig released at 6:00 a.m., 4-29-90

F
1.

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LOCATION: 1400' FNL, 960' FEL
Section 27, T31N, R7W
San Juan County, New Mexico

REVISED
4-29-90

Rig released.

TIH after short trip - no fill. POOH, lay down drill pipe and drill collars.

Rig up to run 2-3/8" tubing.

Pick up expendable check, 1 jt tubing, F nipple (1.81" ID). Pick up tubing. Run 95 jts (2945.04') new 2-3/8" 4.7# J-55 FBN USS tubing, land at 2958', F nipple at 2923'.

Nipple down BOPS, nipple up tree.

Pump off expendable check. Blow well around with air.

Blow well through tubing.

Test through 2": 1/4 hr - 12 oz., 539 MCFD; 1/2, 3/4 and 1 hr - 11 oz., 514 MCFD (all gauges dry).

Water production rate - too small to measure.

Rig down to move. Rig released at 6:00 a.m., 4-29-90