

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
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)

930' FSL, 610 FWL - Sec. 6, T30N, R7W

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.# 453

9. API Well No.:

30-045-27263

10. Field & Pool/Expltry Area:

Basin Fruitland Coal

11. County or Parish, State:

San Juan, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

____ Notice of Intent

☒ Subsequent Report

____ Final Abandonment Notice

____ Abandonment

____ Recompletion

____ Plugging Back

____ Casing Repair

____ Altering Casing

☒ Other: COMPLETION

____ Change of Plans

____ New Construction

____ Non-Routine Fracturing

____ Water Shut-Off

____ Conversion to Injection

(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.)*

3-31-90 Move in and rig up. Test blind rams, 7" casing, and manifold to 2000 psi - held OK.

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

RIH with drill collars and drill pipe. Test pipe rams to 2000 psi, held OK. Drill plug and float (2849') and cement.

4-01-90 Drill cement and shoe. Drill Fruitland coal with 8000# WOB, 120 RPM, 1000 psi @ 6 BPM water. TD @ 3097'.

Work pipe at TD with water. Returns light to very light 1/16" coal, shale and siltstone in clear water.

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

Signed: William F. Clark WILLIAM F. CLARK

Title: OPERATIONS MANAGER

ACCEPTED FOR RECORD
Date: May 10

(This space for Federal or State office use)

MAY 16 1990

Approved By _____
Conditions of approval, if any:

Title _____

FARMINGTON RESOURCE AREA

BY W

NMOCD

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.

Coal Intervals:

2894-2899'
2908-2912'
2915-2918'
2921-2923'
2962-2970'
2972-2974'
2976-2977'
2998-3007'
3009-3010'
3035-3041'
3043-3045'
3082-3092'

4-02-90 Work pipe at TD with air and water. Returns light to very light 1/16" coal, shale and siltstone in clear water.

Bucket test - 513 BPD water.

4-03-90 Work pipe at TD, blow hole with air and water, 3-8 minute dry flush, followed by 10-15 Bbl water flush; returns between flushes light 1/16" coal, returns during flush moderate 1/16" coal, shale and siltstone, decreasing, coal in black water.

Estimated gas production: 1500-2000 MCFD. Estimated water production: 500 BPD.

4-04-90 Hole sticky, work pipe at TD with air and water; returns heavy to light 1/16" to 1/2" coal, shale and siltstone in black to clear water.

Work pipe at TD, blow hole with air and water, 3-10 minute dry flushes followed by 10-15 Bbl water flushes; Returns on flushes 1/16" to 3/8" coal, shale and siltstone in black water. No hole problems.

Bucket test - 1140 BPD water. Estimated gas 3500 MCFD.

4-05-90 Work pipe at TD, blow with air and water. No hole problems. Pull into 7" casing.

Pitot test well through 2", all gauges wet: 1 hr - 29 psi, 3669 MCFD.

Bucket test - 497 BPD water.

4-06-90 Flow test well through 3/4" choke, all gauges dry: 1 hr - 240 psig, 3017 MCFD.

Shut in well for build up: ISIP - 325 psig; 1/4 hr - 475 psig; 1/2 hr - 625 psig; 3/4 hr - 800 psig; 1 hr - 875 psig. Bleed down well slowly in 7 hours.

Work pipe from TD with air and water; 5-10 minute dry flush followed by 10-15 Bbl water flushes. Returns between flushes light 1/16" coal, shale and siltstone in clear water. Returns on flush moderate 1/16" to 3/8" coal with shale and siltstone in dirty water. No hole problems.

4-06-90 Pull into 7" casing, gauge well with 2" pitot: 1 hr - 31 psig, 3845 MCFD (all gauges wet).

Bucket gauge 939 BPD water (estimate).

4-07-90 Continued flow testing well through 3/4" choke: 1 hour 240 psig, 3017 MCFD (dry). Blew well down slowly.

TIH. Cleaned out 5' of fill to TD. Hole was tight from 3092 to 3097'; worked pipe repeatedly.

TOH and strap drill pipe. Rigging up to strip liner.

4-08-90 Ran 5-1/2" liner and TIW 7 x 5-1/2" liner hanger on 3-1/2" drill pipe. Stripped in hole to 3088' and tagged fill.

Liner set at 3090' with top at 2821'. Killed well with water while holding backpressure with a choke. Rigged up Cudd Pressure Control equipment while pumping across the BOP stack.

Stripped out of the hole with 3-1/2" drill pipe and liner hanger setting tool. Left 1-1/2 swab cups and carrier (2-7/8" x 1.8') in hole; broke off of the liner setting tool.

Ran 9 jts 5-1/2" 23# L-80 LT&C Kawasaki and USS casing and TIW 7" x 5-1/2" JGS liner hanger.

Liner Summary:

V-set Shoe - 3090'

Top of hanger - 2820.52'

Overlap - 69.48'

Perforations (8 HPF)

2890-2929'

2950-2991'

2994-3010'

3013-3049'

3071-3087'

4-09-90 Rig up and snub drill collars out of derrick, snub out and lay down same.

Rig up Wireline Specialists, make 2 runs with 4-1/2" magnet, no recovery, top of liner at 2820', junk in liner at 2827', rig down Wireline Specialists.

Change rams, pick up 4-1/2" concave mill, float sub, one jt 3-1/2" drill pipe. Run in to blind rams, test blinds and 3-1/2" rams and float, held OK.

4-10-90 Snub 4-1/2" concave mill, float sub, two 3-1/2" drill collars, crossover, 1 jt 2-7/8" tubing, F nipple, and 2-7/8" tubing.

Strip in hole with remainder of 2-7/8" tubing, tag top of liner at 2821', tag junk at 2827', push junk to 2890'.

Pick up swivel, load tubing with water.

Milling plugs, 5000# WOM, 100 RPM, 300 psi, 3.5 BPM; holding 150 psi back pressure.

4-11-90 Mill on shoe at 3090'; mill on junk 3090-3097'; circulate hole clean through blooie line.

Strip out of hole with Cudd, lay down mill and drill collars.

Change rams, RIH with expendable check, 1 jt tubing, F nipple, and tubing; land tubing.

Rig down and load out Cudd.

Nipple down BOP, nipple up tree. Flow test well, 2" pitot: 1 hr - 25 psig, 3311 MCFD (all wet).

Estimated water production - 939 BPD.

Ran 98 jts. Released rig.