

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)

1315' FNL, 1710' FEL - Sec. 25, T31N, R8W

5. Lease Designation & Serial #:

SF-079082

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.# 471

9. API Well No.:

30-045-27319

10. Field & Pool/Explrty 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
	<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

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APR 30 1990
OIL CON. DIV.
DIST. 3

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.)*

3-08-90 Move in and rig up.

3-09-90 Picking up 6-1/4" bit and drill collars.
Pressure test blind rams, casing, and manifold to 2000 psi for 15 minutes - held OK.

3-10-90 Pick up drill pipe and TIH.

Tag cement at 2921'. Pressure test 7" casing and BOP to 2000 psig for 15 minutes - held OK. Drill cement from 2921' to 2970', float at 2926' and shoe at 2970'.

Drill Fruitland formation from 2970' to 3149'.

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

Signed: William F. Clark WILLIAM F. CLARK Title: OPERATIONS MANAGER Date: 17 April 90

(This space for Federal or State office use)

ACCEPTED FOR RECORD

Approved By _____ Title _____ APR 24 1990

Conditions of approval, if any:

SMOOD

FARMINGTON RESOURCE AREA

BY W.F.C.

RECEIVED
MAY 19 1964

OIL CONT. DIV.
C 1210

RECEIVED

...

3-11-90 Drill Fruitland formation from 3149' to 3299' with water to TD at 3299.

Work pipe and circulate hole with water. Returns light coal and clear water.

Circulate hole with decreasing water. Returns light with occasionally moderate coal with clear water. Hole free. Well making 8' gas flare.

3-12-90 Circulating hole with air and water. Circulate with air. Returns heavy coal, 1/16 to 1/4", 98% with clear water.

Work pipe and circulate hole with 2 MM air and 5 BPM water. Returns heavy decreasing to light 1/16" to 1/4", hole free. Estimated gas 1000 MCFD. (MD/WFC)

Coal Intervals: 3018-3019'

3068-3069'

3111-3115'

3160-3161'

3165-3173'

3177-3187'

3212-3227'

3242-3243'

3270-3275'

3277-3295'

3-13-90 Work pipe at TD with air and decreasing water. Returns moderate and heavy 1/16" to 3/8" coal in clear water.

Work pipe at TD with air and water, hole very sticky. Returns very heavy to light 1/16" to 1/4" coal (98%), shale and siltstone decreasing to clear water.

Work pipe at TD with air and decreasing water. Returns moderate 1/16" to 1/4" coal, shale and siltstone in clear water, hole free and clean. Estimated gas rate 2-3 MMCFD. Estimated water production 2480 BWD.

3-14-90 Work pipe at TD with air and decreasing water. Returns moderate to heavy to 1/2" coal, shale and siltstone in clear water.

Hole very sticky. Work pipe at TD with air, increase water. Returns - well unloaded very heavy coal in blackwater; returns decreased to moderate in one hour, hole free.

Hole very sticky, work pipe at TD with air, increase water. Returns - well unloaded heavy coal in black water, decreased to moderate.

Work pipe at TD with air and water. Returns, heavy to moderate coal in black water decreasing to light in gray water.

3-15-90 Work pipe at TD with air and water. Returns moderate 1/16" to 1/4" coal, shale and siltstone in gray water.

Hole sloughed, pipe stuck for 20 minutes, continue to pump air, increase water. Well unloaded. Continue to circulate at same rate until hole became clean and free.

Work pipe at TD with air and water. Returns moderate 1/16" to 1/8" coal (95%), shale and siltstone in clear water.

Hole sloughed, got very sticky, increased air and increased water. Returns - well unloaded very heavy coal in black water, flow stabilized to moderate to heavy 1/4" to 1/2" coal (90%), shale and siltstone in clear water decreasing to light coal returns.

Estimate gas at 4.5 to 5 MMCFD; water at 3345 BPD.

3-16-90 Work pipe at TD with air and water. Returns moderate to light, less coal, shale and siltstone in clear water.

Work pipe at TD with air and water. Added air every 2 hours until circulating with air and water. Reduced water rate. Returns light 1/8" and less coal, shale and siltstone in clear water, no torque, no drag.

3-17-90 Work pipe at TD with air and water. Returns light 1/8" and less coal, shale and siltstone in clear water, no torque, no drag.

Lay down drill pipe, pull into 7" casing for 2" pitot test #1: 1 hr - 62 psi, 6622 MCFD (wet).

Work pipe at TD with air and water. Returns, moderate 1/4" and less coal, siltstone and shale, then light coal, no torque, no drag.

5 gal. bucket test - 1029 BPD water.

3-18-90 Work pipe at TD with air and water sweeps. Returns light coal, shale and siltstone in clear water, no torque, no drag. Rig up Cudd, test BOPs to 2000 psi, held OK.

Strip out of hole with drill pipe, strap same. Change out rams.

3-19-90 Snub out drill collars.

Rig up and snub in 11 jts of 5-1/2" liner.

Set liner at 3298', release and pack off liner, observe well. Pack off held.

Rig down Cudd snubbing equipment. Lay down drill pipe.

3-19-90	Liner Summary:	Perforations (8HPF):
	Shoe - 3298'	3106.04-3124.27'
	Top of liner - 2902.72'	3165.83-3295.07'
	Overlap - 67.28'	

3-20-90 RIH with 4-1/2" mill to mill plugs. Mill perf plugs.
Rig up Wireline Specialties. Left mill, bit sub, and 6' of tubing
in hole. Total length of fish 9.79'.

Ran 103 jts (3184.04;) 2-7/8" 6.5# J-55 8rd EUE FBNAU US Steel
tubing, set at 3192', Baker F nipple (2.25" ID) set at 3166'.

3/4" fixed choke flowing pressure: 1/4 hr - 130 psi, 1634 MCFD; 1/2,
3/4, and 1 hr - 135 psi, 1697 MCFD, well surging slugs of water and
gas.

Previous water gauge - 1028 BWD. Rig Released.