

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit in Triplicate*

Form approved
Budget Bureau No. 1004-0435
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use - Application For Permit- for such proposals.)

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, Colorado 81302-1237

4. Location of Well: (Report location clearly, in accordance with any State requirements)*
 At surface _____
 At top prod. interval reported below 1530' FNL, 1895' DEL
 At total depth _____

5. Lease Designation & Serial #: SF-078-988

6. If Indian, Allottee/Tribe Name _____

7. Unit Agreement Name: Northeast Blanco Unit

8. Farm or Lease Name: Northeast Blanco Unit

9. Well No.: 436

10. Field and Pool, or Wildcat: Basin Fruitland Coal

11. Sec., T., M., or Block and Survey or Area: Sec. 19, T31N, R6W

12. County or Parish: San Juan

13. State: NM

14. Permit No.: 30-045-27510

15. Elevations (Show whether DF, RKB, R, GR, Etc) 6338' UG GL

16. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

- Test Water Shut-off
- Fracture Seal
- Shoot or Acidize
- Repair
- Other

SUBSEQUENT REPORT OF:

- Pull or Alter Casing
- Multiple Complete
- Abandon*
- Change Plans
- Water Shut-off
- Fracture Treatment
- Shooting or Acidizing
- Other: COMPLETION
- Repairing Well
- Alternate Casing
- Abandonment*

(Note: Report results of multiple completion on Well Completion or Recompletion Report Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting 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.)*

- 12-23-89 Move in and rig up. RIH with 6-1/4" bit drill collars, and 3-1/2" drill pipe. Test manifolds, pipe rams, HCR valves, and casing to 2000 psi - held OK.
- 12-24-89 Thaw valves, pressure test manifold. Drain pumps, blow lines. Shut down at 12:00 noon for Christmas.
- 12-25-89 No activity - Christmas shut-down.
- 12-26-89 No activity - Christmas shut-down.
- 12-27-89 Rig repair.
- 12-28-89 Finished rig repairs. Test pipe rams and 7" casing. Drill cement to 2995' and drill shoe at 2995'. Drill 2995' to 3185' with water.

Drill coal 3010-3013' (3'); 3021-3030' (9'); 3053-3060' (7'); 3123-3129' (6'); and 3159-3167' (8'); total 33'. Gas flare 8' high and 2' long out of blooie line.

(Continued on next page)

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

Signed: William F. Clark William F. Clark

Accepted For Record

MAR 15 1990
Title: Operations Manager Date: 2 Feb 90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

Chief, Branch of
Mineral Resources
Farmington Resource Area

* See Instructions on Reverse Side

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

NMOCD

12-29-89 Drilling 3185'-3284' with water.

Coal intervals:3010-3013' (3')

3021-3030' (9')

3053-3060' (7')

3123-3129' (6')

3143-3145' (2')

3159-3167' (8')

3204-3205' (1')

3206-3207' (1')

3260-3262' (2')

3266-3269' (3')

3273-3276' (3')

45' net coal

Circulate well clean, blow with air and water. Light coal in returns. Short trip to 7", gauge well through 2" line: 1 hr - 464 MCFD (dry). Shut well in: 1 hr -420 psi. Estimate 80 BW per day. Surge well, TIH, had 3' fill, clean out with water, put on air.

12-30-89 Circulate at TD with air and water sweeps every hour, gauge water from formation, 57 BWD.

12-31-89 Circulate and work pipe at TD with air and water sweep; returns - gray/green water, air, and gas, with coal dust in flare. Pull into 7" casing, flow well through blooie line. Flow test: 1 hr - 430 MCFD (dry). Shut in: 2 hrs - 770 psi. Surge well, RIH, 1' fill. Circulate at TD with air, one 10 Bbl sweep. Produced water 57 BWD.

01-01-90 Circulate at TD with air. Pressure up to 1125 psi with boosters, pump 25 Bbls down drill pipe, pressure dropped to 825 psi, surge well, RIH, no fill.

Circulate at TD with air; returns - heavy gray water, air, and gas; water decreased, water estimated at 57 BWD. Pull into 7" casing for flow test. Flow test: 1 hr - 452 MCFD (dry). Shut-in: 2 hrs - 740 psi. Surge well, RIH, no fill.

01-02-90 Pull into 7" casing for shut-in test no. 7 for 2 hours: 640 psi. Surged well, TIH, no fill. Circulate at TD with air and one 10 Bbl water sweep; returns - small amount of gray water, then clear water, gas, and air. Continue circulating at TD; gas, air, very small stream of water.

01-03-90 Load hole with water. POOH with drill pipe to log. Rig up Schlumberger to log. Run GR, Compensated Neutron Density from 3983' to 2995', run Neutron to 1000'. TIH with drill pipe, no fill. POOH, lay down drill pipe and drill collars.

Run 100 jts tubing to 3286', blow well dry with air, pull 10 jts, land tubing on donut. Run 90 jts (2957.59') new 2-3/8" 4.7# J-55 EUE FBNAU TSI, land at 2971'; top of F n pple at 2936'. Nipple down BOP equipment. Final gauge, 2" pitot after 3 hours - 421 MCFD (dry); 57 BWD.

01-04-90 Pump off expendable check valve, gauge well while rigging down, tubing flow, 2" pitot: 1 hr - 421 MCFD (dry). Release rig at 12:00 noon, 1-3-90.