

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 X 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 1048' FSL, 1770' FWL

At total depth

5. Lease Designation & Serial #: SF-079045

6. If Indian, Allottee/Tribe Name

7. Unit Agreement Name: Northeast Blanco Unit

8. Farm or Lease Name: Northeast Blanco Unit

9. Well No.: 422

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

11. Sec., T., M., or Block and Survey or Area: Sec. 20, T31N, R7W

12. County or Parish: San Juan 13. State: NM

14. Permit No.: 30-045-27299

15. Elevations (Show whether DF, RKB, RT, GR, Etc) 6419' GL

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

NOTICE OF INTENTION TO:

- Test Water Shut-off
- Fracture Treat
- Shoot or Acidize
- Repair Well
- Other

SUBSEQUENT REPORT OF:

- Water Shut-off
- Fracture Treatment
- Shooting or Acidizing
- Other: COMPLETION
- Repairing Well
- Alternate Casing
- Abandonment*
- X

(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.)*

- 12-06-89 Move on and rig up. Pressure test 7" casing and BOP blind rams to 2000 psig for 15 minutes - held OK. Pick up 6-1/4" bit, then 4-3/4" drill collars then 3-1/2" drill pipe.
- 12-07-89 Drill cement 2930'-2963', found plug at 2930'. Drill cement 2963'-2998'. Drill Fruitland formation with water.
- 12-08-89 Drill Fruitland Coal 3184' - 3298' with water. Work pipe, blow hole with air and water.
- 12-09-89 Work pipe and blow open hole with air and water. Returns - light to moderate 1/16" to 1/4" coal (98%), some shale and siltstone in clear water. Pull into 7" casing. Flow test: 30 min. -46 psi, 5190 MCFD (wet); 45 min. - 42 psi, 4832 MCFD; 60 min. - bridged off with flow. Hole bridged under bit, circulated with air and water. Well unloaded heavy coal.
- 12-10-89 Clean out bridges 3160-3298' with air and water. Returns - heavy coal.
- 12-11-89 Circulating and working pipe at TD, air with water sweep. Circulate at TD with air and water. Returns - clear water, started torquing with some drag; returns black water, increase pump rate; returns heavy coal, hole stabilized; returns clear water and very little coal. Estimated water production 480 BPD.

(Continued on Page 2)

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

Signed:

William F. Clark

William F. Clark

Title: Operations Manager

ACCEPTED FOR RECORD

30 June 90
FEB 08 1990

NMOCD

(This space for Federal or State office use)

FARMINGTON RESOURCE AREA

APPROVED BY

TITLE

DATE

BY

* 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 or the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

- 12-12-89 Circulating at TD with air and water sweep every hour.
Gauge well, 2" pitot: Initial - 60 psi, 6442 MCFD (wet); 1 hr - 60 psi, 6442 MCFD (wet).
- 12-13-89 Circulated hole and worked pipe; returns very light coal. Rigged up Cudd pressure control equipment. Stripped drill collars out of hole and prepared to snub 5-1/2" liner at daylight.
- 12-14-89 Snub 5-1/2" liner. Pick up, make up, and snub 5-1/2" liner hanger. Rig down snubbing equipment. Strip 3-1/2" drill pipe. Wash 5 jts drill pipe to bottom, 2' bridge from 3160' to 3162'. Hang 5-1/2" liner and set pack-off. Lay down drill pipe and drill collars. Change over and pick up 2-7/8" tubing, F nipple, and plug mill. Ran 12 jts (359.90') 5-1/2" 23# P-110 and L-80 LTC CF&I and Kawaski casing with Brown V shoe on bottom and Brown 7" x 5-1/2" Hiflo liner hanger with packer element (10.06'); total liner length - 369.96'.

Liner Summary:

Top - 2927'

Bottom - 3297'

Overlap w/ 7" - 71'

Perforations:

3016-3033'

3075-3113'

3116-3133'

3135-3172'

3194-3212'

3275-3294'

Open hole TD at 3298'.

- 12-15-89 Finish TIH with 4-1/2" mill. Mill perf plugs from 3016' to 3295' in 8 hours; 5-1/2" liner PBTD - 3295'. Cut water and circulate hole clean with 2.0 MM air; well making strong gas and water. Strip 2-7/8" tubing out of hole to snub point. Well flowing through 3/4" fixed choke: after 1 hour - FCP 700 to 750 psig; 8,655 MCFD (very wet).
- 12-16-89 Snub 2-7/8" tubing out of hole and lay down 4-1/2" mill. Pick up expendable check valve and snub tubing in hole. Rig down snubbing equipment and strip tubing in hole; tag at 3295' PBTD. Lay down 5 jts and land 2-7/8" tubing. Ran 103 jts (3165.17') 2-7/8" 6.5# J-55 EUE Siderca FBNAU tubing and set expendable check at 3179' and F nipple at 3146'.

Rig down snubbing equipment and BOP stack and nipple up upper tree. Drop ball, pump off expendable check valve, flow well up tubing 1 hour; flowing tubing pressure through 3/4" choke 440 psi; 5589 MCFD (wet). Slowly shut well in with variable choke. Rig down. Released rig 12-16-89.