

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR

Blackwood & Nichols Co., Ltd.

3. ADDRESS OF OPERATOR

P.O. Box 1237, Durango, Co. 81301

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 990' F/NL - 990' F/EL

AT TOP PROD. INTERVAL: Same

AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

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5. LEASE

SF 079003

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NEBU Agrmt. #1, Sec. 929

8. FARM OR LEASE NAME

Northeast Blanco Unit

9. WELL NO.

70

10. FIELD OR WILDCAT NAME

Blanco Mesaverde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

A-27-31N-7W

12. COUNTY OR PARISH

San Juan

13. STATE

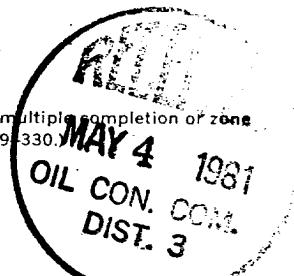
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

6420' GL

(NOTE: Report results of multiple completion of zone change on Form 9-330.)



17. 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.)*

4-6-81 5900' PBTD. Tested casing to 2200 PSI, held OK. Spotted 500 gals. 7 1/2% acetic acid. Ran Gamma Ray Correlation and Cement Bond Logs. Perforated 1st stage four holes per foot per interval; 5618', 5624', 5634', 5662', 5676', 5698', 5708', 28 holes. Could not break down formation. Went in hole with RTTS tool. Spotted 600 gals. HCL acid. Set tool at 5590', broke down formation with 3000 PSI. Sand-water fractured with 102,550 gals. water with 2# FR-2/1,000 gals. and 86,700 lbs. 20-40 sand. Maximum treating pressure 2200 PSI, average treating pressure 1500 PSI, average injection rate 55 bbls/min. Set top drillable bridge plug at 5560'. Tested casing to 2200 PSI, held OK. Perforated 2nd stage four holes per foot per interval; 5310', 5322', 5332', 5340', 5438', 5496'. Could not break down formation. Went in hole with RTTS tool. Spotted 500 gals. 15% HCL acid. Set tool at 5200'. Broke down formation at 2800 PSI. Sand-water fractured with 49,210 gals. water and 30,000 lbs. 20-40 sand with 2# FR-2/1000 gals. water. Maximum treating pressure 1900 PSI, Subsurface Safety Valve: Manu. and Type average treating pressure 1500 PSI Set @ average injection rate 30 bbls/min. Ft.

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

SIGNED DeLasso Loos TITLE District Manager DATE 4-21-81

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

MAY 1 1981

FARMINGTON DISTRICT

BY RB

*See Instructions on Reverse Side

NMOCC