

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 81302
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1190' F/SL, 1050' F/WL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

| REQUEST FOR APPROVAL TO: | | SUBSEQUENT REPORT OF: |
|--------------------------------------|--------------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | <input type="checkbox"/> |
| (other) Completion and Tubing Record | | |

5. LEASE
NM 03357
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Northeast Blanco
Unit No. 1, Sec. 929
8. FARM OR LEASE NAME
Northeast Blanco Unit
9. WELL NO.
304
10. FIELD OR WILDCAT NAME
Basin Dakota & Undesignated P.C.
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
M-30-31N-6W
12. COUNTY OR PARISH Rio Arriba 13. STATE
New Mexico
14. API NO.
30-039-24163
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6347' GL

(NOTE: Report results of multiple completion or 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.)*

- 10-25-87 PBTD of 7954'. Ran Cement Bond Log - CCL - GR logs. Pressure tested casing to 4000 psi - ok. Perforated the Dakota formation with 4 shots per zone at 7772', 7778', 7784', 7790', 7796', 7820', 7826', 7831', 7840', 7844', 7854', 7860', 7866', 7872', 7888', and 7894', for a total of 16 zones and 64 holes.
- 10-26-87 Broke down Dakota formation at 2300 psi. Pumped 1500 gallons 7 1/2% Acid and balled off.
- Stimulated Dakota formation with 40# gel with 2% KCl, 1 gal. F-75N (surfactant) and 1/4 gal. M-275 (bactericide) per 1,000 gallons (Dowell); total fluid - 108,000 gallons with 25,000# 40/60 sand and 100,000# 20/40 sand; average treating pressure - 3800 psi at 41 BPM; maximum - 4200 psi, minimum - 3400 psi; sand at 1, 1 1/2 and 2 ppgs. Flushed well with 6,500 gallons before pressured up to 4300 psi; ISIP - 3950 psi, 5 minute - 3200 psi, 15 minute - 2400 psi. (continued on next page)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED William F. Clark TITLE Operations Manager DATE November 5, 1987
William F. Clark

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well, and date well site conditioned for final inspection looking to approval of the abandonment.

GPO : 1976 O - 214-149

Ran 4 1/2" bridge plug at set at 3510'; pressure tested plug to 1200 psi - ok. Perforated Pictured Cliffs formation from 3290' to 3340' and 3347' to 3377' with 1 SPF.

Stimulated Pictured Cliffs formation; broke down at 1200 psi; spearheaded 500 gallons 7 1/2% HCl then frace with 96,000 gallons water and 100,000# 20/40 sand. Averaged - 1850 psi at 60 BPM; Maximum - 2250 psi, Minimum - 1000 psi at 25 BPM; ISIP - 800 psi; 15 minute shut in 650 psi.

10-31-87 Rigged up and set permanent packer on wireline at 3410'. Ran 2 3/8" tubing with seal assembly and blast joints. Set 10,000# down on packer seals and spaced out. Shut down for night.

11-01-87 P.C. Natural Gauge - 2,600 MCFD. Ran 2 1/16" tubing for PC zone. Installed wellhead and pumped out tubing plugs.

Dakota production tubing - Ran 104 jts. 2 3/8" tubing plus 5 3-1/16 blast joints (99.70') then Guiberson Se Assembly (4.75') then 140 jts. 2 3/8" tubing with Baker Model F Seating Nipple one joint from bottom - total 244 jts. 2 3/8" 4.7# J-55 EUE Nippon tubing - 7720.59'; set at 7862', SN @7820', Packer Seal at 3422' Blast Joints from 3290' - 3390'.

Pictured Cliffs production tubing - Ran 108 jts. 2 1/16" 3.25# J-55 IU tubing (3346.77') set at 3358' with 1 1/2" seating nipple at 3325'.