

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved
Project Bureau No. 42-R1424

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, Colorado 81301

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

AT SURFACE: 1190' F/SL - 2040' 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:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other)

SUBSEQUENT REPORT OF:

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RECEIVED

JUL 28 1981

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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

OIL CON. COM.
DIST. 2

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.)*

7-21-81 Tested casing to 2500 PSI, held OK. Perforated 1st stage four holes per foot per interval; 5484', 5490', 5498', 5510', 5516', 5538', 5546', 5552', 5582', 5596' and 5604' - 44 holes. Spearheaded 500 gals. acetic acid ahead of water. Sand-water fractured with 106,932 gals. water with 2# FR-20 per 1,000 gals. water and 90,000 lbs. 20-40 sand. Maximum treating pressure 2000 PSI, average treating pressure 1500 PSI, average injection rate 75 bbls. per min. Set top drillable bridge plug at 5420'. Tested casing to 2500 PSI, held OK. Perforated 2nd stage four holes per foot per interval; 5136', 5148', 5152', 5158', 5168', 5206', 5306', 5314', 5324', 5352' - 40 holes. Could not break down formation with 2500 PSI. Went in hole with 2 3/8" tubing. Spotted 500 gals. 7 1/2% HCL acid. Broke down formation at 2000 PSI. Sand-water fractured with 66,822 gals. water with 2# FR-20/1,000 gals. water and 50,000 lbs. 20-40 sand. Maximum treating pressure 2000 PSI, average treating pressure 1500 PSI, average injection rate 62 bbls. per min. Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED DeLasso Loos TITLE District Manager DATE 7-27-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC

BY

FARMINGTON DIST.

JUL 29 1981