

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

Santa Fe, New Mexico 87504-2088

RECEIVED

OCT 18 1993

OIL CON. DIV.

DIST. 3

WELL API NO. 30-039-25315
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Northeast Blanco Unit
8. Well No. 479R
9. Pool name or Wildcat Basin Fruitland Coal
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6315' GL

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) 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

4. Well Location
SURFACE Unit Letter C : 1166 Feet From The North Line and 2315 Feet From The West Line

Section 20 Township 30N Range 7W NMPM Rio Arriba County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
6315' GL

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>
	OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

9-09-93 Cut off 9-5/8", weld on bradenhead. Test welds. NU BOP stack, hook up flowline to double-screen shale shaker.
9-10-93 Make 92' in 4 hours drilling. Surveys: 1/2° at 150' and 1° at 308'. Drill out shoe jts, 48' cement, and 92' formation. TOH, wait on weighted DP. PU mud motor, MWD monel DC, another monel DC, 9 jts weighted DP, TIH. Condition mud.
9-11-93 Made 1083' in 19-1/4 hours drilling. Inclination = 50.2°; azimuth = 304.4°; MD = 1491'; and TVD = 1236'.
9-12-93 Made 209' in 8 hrs drilling. Wash and ream from 548' to 1491'. BHA = bit, mud motor, crossover, short DC, IBS, MWD, monel collar, monel collar, two 6-1/2" DC, and 35 jts weighted DP. Inclination = 50.1°; azimuth = 304.3°; MD = 1700'; and TVD = 1440'.

Continued on attached page

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Al Rector TITLE District Superintendent DATE 10-15-93
TYPE OR PRINT NAME Al Rector TELEPHONE NO. 303/247-0728

(This space for State Use)

APPROVED BY Original Signed by CHARLES GHULSON TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE OCT 18 1993
CONDITIONS OF APPROVAL, IF ANY:

9-13-93 Made 639' in 22-3/4 hours drilling. Inclination = 49.9°; azimuth = 303.7°; MD = 2130'; and TVD = 1860'. (1360' horizontal displacement).

9-14-93 Made 421' in 16-1/4 hours drilling. Inclination = 47.7°; azimuth = 300.9°; MD = 2551'; and TVD = 1969'.

9-15-93 Made 534' in 21 hours drilling. Drop 5° in last 534'. Hole in good shape. 1 round of torque, 5-10,000# drag.

Inclination = 42.9°; azimuth = 297.7°; MD = 3085'; and TVD = 2336'.

9-16-93 Made 360' in 16-1/4 hours drilling. Deviation drop 5° per 100' on average. Inclination = 28.9°; azimuth = 300.3°; MD = 3445'; TVD = 2626'.

9-17-93 Made 400' in 21-1/2 hours drilling. with bit no. 5 and mud motor, 30-40,000# WOB. Mud weight 9.4 ppg, vis 50, WL 6.4, 2/32 cake, pH 9.3; 8.0% solids. Inclination = 5.79°; azimuth = 305.04°; MD = 3845'; TVD = 3050'. TD 8-3/4" hole at 4:30 a.m., 9-17-93, inside target area.

9-18-93 POOH, laying down DP. LD mud motor, 2 monel DC, and MWD tools. PU rerun 8-3/4" ST&C bit, 6 pt reamer, 30' DC, 3 pt. reamer, jars, 30' DC, and 35 jts weighted pipe. Start reaming hole at 581'.

9-19-93 Ream out hole with BHA of 8-3/4" bit, 6 pt reamer, 1 DC, 3 pt reamer, jars, 1 DC, and 35 jts weighted pipe. Ream hole to TD at 3845'. TOH laying down DP and BHA. RU to run 7" 23# csg. Start in hole with csg at 3:00 a.m. PU cement nose guide shoe, 1 jt 7" 23# N-80 LT&C csg with insert float. Run csg.

9-20-93 Finish running 7" csg at 8:00 a.m. Ran 89 jts (3,831.65') 7" 23# N-80 LT&C, set at 3844.65", insert float at 3800.58'. (Ran centralizers as per procedure). RD csg. crew, RU cementers. Pump 20 Bbl mud flush. Lead cement: 183 Bbls (1360 cf) 13.2 ppg Howco Lite (yield 1.54) with 1/4 #/sk flocele, 1.2% HA-22, and 2% CaCl. Tail in with: 27 Bbls (148 cf) Class B with 1/4 #/sk flocele and .4% Halid 344. Circulate 40 Bbls good cement to pit. Plug down at 11:30 a.m. Bump plug with 1600 psi. Release pressure, float held. RD cementers. ND BOPs, set slips on 7" csg, cut off. NU dual BOPs for completion. WOC.