

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
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-045-27536
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	NM-03358

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name Northeast Blanco Unit
2. Name of Operator Blackwood & Nichols Co., Ltd.	8. Well No. 462
3. Address of Operator P. O. Box 1237, Durango, Colorado 81302	9. Pool name or Wildcat Basin Fruitland Coal
4. Well Location Unit Letter <u>N</u> : <u>805</u> Feet From The <u>South</u> Line and <u>1370</u> Feet From The <u>West</u> Line Section <u>1</u> Township <u>31N</u> Range <u>7W</u> NMPM San Juan County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6557' GL	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: COMPLETION ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

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.

1-24-90 Moved on and rigged. Picked up 6-1/4" Smith bit 4-3/4" drill collars. Tallied 3-1/2" drill pipe.

1-25-90 Test blind rams, to 2000 psi. Pick up bottomhole assembly and 3-1/2" drill pipe.

BHA: 6-1/4" Smith FDT bit (jets: 20-20-20)
Bottomhole drill collar with float
Float sub with 2 floats
Ten 4-3/4" drill collars; 1 jt drill pipe
F nipple (2.25" I.D.); 3-1/2" sub
Total length less drill pipe: 327.66'

RECEIVED
MAR 4 1990
OIL CON. DIV.
DIST. 3

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

SIGNATURE William F. Clark TITLE Operations Manager DATE March 12, 1990
TYPE OR PRINT NAME William F. Clark TELEPHONE NO. 247-0728

(This space for State Use)

Original Signed by **FRANK T. CHAVEZ**

SUPERVISOR DISTRICT **11**

APPROVED BY _____ TITLE _____ DATE **MAR 14 1990**

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
MAR 14 1937
OIL CON. DIV.
DIST. 3

MAR 14 1937

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- 1-25-90 Test pipe rams, and 7" casing to 2000 psi. Drill cement and shoe at 3198'
(Cont.) Drill Fruitland coal with 8000# WOB, 100 RPM, 1000 psi @ 7 BPM.
- 1-26-90 Drilled Fruitland coal to 3462'.

Circulate at TD. Put on air with water. Returns black coal dust. Circulate at TD with 2 MM air, 3 BPM water @ 300 psi, no torque, no drag. Returns clear water, no coal, no shale, no gas increase.

Coal Intervals: 3253-3257' (4'); 3258-3270' (12'); 3271-3273' (2'); 3275-3286' (11'); 3288-3302' (14'); 3319-3321' (2'); 3332-3334' (2'); 3358-3364' (6'); 3370-3371' (1'); 3440-3445' (5'); 3449-3451' (2'); 3453-3459' (6'): total 67' coal.
- 1-27-90 Circulate at TD with air and water; no torque, no drag, clear water returns. Test well through 2" pitot: 1756 MCFD (wet).

Shut in; 2 hrs - 500 psi. Blew down.
- 1-28-90 Work pipe at TD of 3462' with air and water. Gauge well through 2" line: 1 hr - 1756 MCFD (wet). Shut in for pressure build up: 2 hrs - 940 psi. Blew down through choke, TIH, no fill. Water production 16 BPH, 384 BPD.
- 1-29-90 Work pipe at TD of 3462' with air and water. Hole caved in. Returns heavy 3/4" and smaller coal.
- 1-30-90 Worked pipe 3263-3295', hole sticky, torquing; heavy coal in returns.

Circulated down to 3389' with air and water. Returns heavy coal diminishing to light coal and clear water.
- 1-31-90 Working pipe at TD with water. Returns light coal fines.
- 2-01-90 Working pipe at TD with 200 psi back pressure; air and water. Short trip into 7" casing, flow well out blooie line; making light coal and water. Clean out 3295-3462'.
- 2-02-90 Load hole with water. Short trip to 7" casing. Trip to TD, no fill. Rig up snubbing equipment. Test 3 sets pipe rams to 2000 psi, held OK.
- 2-03-90 Snub drill pipe out of hole; snubbed drill collars out. Rigged up and snubbed 5-1/2" liner in to hole. Set liner hanger and packed off. Preparing to TOH with drill pipe.

Ran 9 joints (314.66') 5-1/2" 23.0# L-80 new Kawaski casing with a TIW 7" x 5-1/2" liner hanger (5.40') for a total liner length of 321.61'. Liner has 4-full predrilled and plugged perforated joints and 1-half joint; 8 HPF, 0.625" holes. Also 3-full and 1-half blank joints. Liner Summary: Top at 3139', Bottom at 3461', with a 58' overlap in the 7" casing. Perforations: 3243' to 3381' and 3420' to 3460'.

2-04-90 Rigged down Cudd Pressure Control. Picked up 4-1/2" plug and mill tubing.

Mill perf plugs from 3247 to 3464' with water and well flowing through 3/4" fixed choke holding 80 psig backpressure. Circulate well clean at 3464'; note the tubing measurements found the top of the liner and the perforations 4' deeper than reported.

2-04-90 Well flowing through 3/4" choke line. Rigged up and chemically cut the 2-7/8" tubing, leaving a 4-1/2" mill, bit sub and a 5' stub of 2-7/8" tubing in the bottom of the hole.

2-05-90 Well flowed back through 3/4" fixed choke for 10 hours; making slugs of water and some gas. FCP varied from zero to 100 psig. Unable to obtain meaningful final gauge.

Completion gauge from 1-28-90: 2" pitot after 1 hour -8 psig, 1756 MCFD (wet gauge). Water production gauged at 384 BWD.

Ran 109 jts (3347.54') 2-7/8" 6.5# J-55 new FBN Siderca tubing which is open ended at 3362' and 2.25" F nipple at 3336'. Left bottom of 5-1/2" liner, 4-1/2" plug mill (0.73'), bit sub (3.05'), and 5' of tubing; total 8.78'.

Finished rigging down. Rig Released.