

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.	30-045-27285
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	

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. 469
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>H</u> : <u>1315</u> Feet From The <u>North</u> Line and <u>645</u> Feet From The <u>East</u> Line Section <u>13</u> Township <u>30N</u> Range <u>8W</u> NMPM San Juan County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6317' RKB	

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 type="checkbox"/>
	OTHER: <input checked="" type="checkbox"/> COMPLETION

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.

See Addendum for a full description of the open hole "stress relieve" type coal completion.

RECEIVED
SEP 18 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 R. W. Williams TITLE Administrative Manager DATE 9/17/90
TYPE OR PRINT NAME R. W. Williams TELEPHONE NO.

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE SEP 18 1990
CONDITIONS OF APPROVAL, IF ANY:

BLACKWOOD & NICHOLS CO., LTD.

P.O. BOX 1237

DURANGO, COLORADO 81302-1237

(303) 247-0728

Completion Report

Northeast Blanco Unit N. 469 - Basin Fruitland Coal

LOCATION: 1315' FNL, 645' FEL
Section 13, T30N, R8W,
San Juan County, New Mexico

6-17-90 Installing 3-1/2" rams in BOPS.

Move in and rig up Aztec Well Service Rig No. 56.

6-18-90 7" casing at 2963'; 6-1/4" open hole 2963-3215'.

Circulating and working pipe with 5 BPM water.

Install rams in BOP. Test blind rams, casing, all valves, and manifold to 2000 psi for 15 minutes - held OK.

Pick up drill collars and drill pipe; put on rack and tally same.

Pick up 6-1/4" Smith Tool Co., FDT bit, SN# KP-1618 (jets: 22-22-22), bit sub with float, string float, one 4-3/4" drill collar, N nipple (1.875" ID), ten 4-3/4" drill collars, 1 jt 3-1/2" drill pipe F nipple (2.25" ID), and stop sub. Total BHA = 378.76' (includes drill pipe). TIH with drill pipe and tag at 2905'.

Pick up swivel and test pipe rams and all 4-1/16" valves to 2000 psi for 15 minutes - held OK.

Drill cement and float at 2914' and shoe at 2963'.

Drill Fruitland formation with 10,000# WOB, 100 RPM, and 5 BPM water @ 300 psi.

(Cont'd)

6-18-90	Coal Intervals:	3018-3019'	(1')
		3042-3044'	(2')
		3047-3048'	(1')
		3051-3052'	(1')
		3059-3060'	(1')
		3064-3068'	(4')
		3069-3070'	(1')
		3074-3087'	(13')
		3088-3092'	(4')
		3094-3095'	(1')
		3096-3098'	(2')
		3110-3121'	(11')
		3126-3127'	(1')
		3150-3156'	(6')
		3195-3205'	<u>(10')</u>

		Total	59'
Top of PC Tongue	3212'		
TD	3215'		

Circulate and work pipe with 5 BPM water @ 200 psi.
Returns light 1/8" coal (99%) in clear water. Flare -
12-15' out two blooie lines.

BLACKWOOD & NICHOLS CO., LTD.

P.O. BOX 1237

DURANGO, COLORADO 81302-1237

(303) 247-0728

Completion Report

Northeast Blanco Unit N. 469 - Basin Fruitland Coal

LOCATION: 1315' FNL, 645' FEL
Section 13, T30N, R8W,
San Juan County, New Mexico

6-19-90 7" casing at 2963'; open hole 2963-3215'.

Working pipe at TD with 5 BPM water @ 200 psi. Returns light coal in clear water.

Work pipe at TD with 5 BPM decreasing to 1 BPM water @ 200 psi decreasing to 0 psi. Returns light 1/8" coal and smaller.

Work pipe at TD with 1 MM air and 3 BPM decreasing to 1 BPM water @ 200 psi decreasing to 0 psi. Returns light 1/8" coal in clear water.

Work pipe at TD with 2 MM air and 3 BPM decreasing to 1 BPM water at 200 psi decreasing to 100 psi. Returns light coal in clear water.

Work pipe at TD with 2 MM air and 10 Bbl water sweeps every 30 minutes. Returns light coal and fines in clear water.

Estimated 5 MMCFD.

BLACKWOOD & NICHOLS CO., LTD.

P.O. BOX 1237

DURANGO, COLORADO 81302-1237

(303) 247-0728

Completion Report

Northeast Blanco Unit N. 469 - Basin Fruitland Coal

LOCATION: 1315' FNL, 645' FEL
Section 13, T30N, R8W,
San Juan County, New Mexico

6-20-90 7" casing at 2963'; open hole 2963-3215'.

Working pipe at TD with 2 MM air and 3 BPM water.

Work pipe at TD with 2 MM air and 10 Bbl water sweeps every 1/2 hr. Returns light coal in black water on sweeps.

Short trip to 7" casing, gauge well through 2" line with pitot tube: 1/4 hr - 40 psi, 4653 MCFD (mist); 1/2, 3/4, and 1 hr - 45 psi, 5100 MCFD (heavy mist).

Shut in test: 1/4 hr - 850 psi; 1/2 hr - 1000; 3/4 hr - 1075; 1 hr - 1120; 1-1/4 hrs - 1160; 1-1/2 hrs - 1185.

Blow well down to 500 psi, then surge well.

TIH, tag bridge at 3097', fill at 3130'. Clean out to TD. Returns moderate to heavy 1/8" coal and fines in black water.

Work pipe at TD with 2 MM air and 3 BPM decreasing to 1 BPM water. Returns light 1/8" coal and fines in clear water.

Work pipe at TD with 2 MM air and 10 Bbl water sweeps hourly. Returns light 1/8" coal and fines in black water on sweeps.

Hole became sticky. Circulate with 2 MM air and 3 BPM water. Returns heavy coal and fines reducing to moderate to light in clear water. :)

BLACKWOOD & NICHOLS CO., LTD.

P.O. BOX 1237

DURANGO, COLORADO 81302-1237

(303) 247-0728

Completion Report

Northeast Blanco Unit N. 469 - Basin Fruitland Coal

LOCATION: 1315' FNL, 645' FEL
Section 13, T30N, R8W,
San Juan County, New Mexico

6-21-90 7" casing at 2963'; open hole 2963-3215'.

Working pipe at TD with 2 MM air and 1 BPM water.

Work pipe at TD with 2 MM air and 3 BPM water. Returns moderate 1/8" coal and fines in gray water.

Work pipe at TD with 2 MM air and 3 BPM decreasing to 1 BPM water at 350 psi decreasing to 100 psi. Returns light to moderate 1/8" coal and fines with an occasional slug of heavy coal in black water.

Work pipe at TD with 2 MM air and 1 BPM water. Returns light 1/8" coal and fines in clear water.

Short trip, gauge well with pitot tube through 2" line:
1/4 hr - 40 psi, 4653 MCFD (dry); 1/2 hr - 50 psi, 5548 (mist); 3/4 and 1 hr - 58 psi, 6264 MCFD (heavy mist).

Bucket test - 734 BPD water.

TIH, no fill.

Work pipe at TD with 2 MM air and 1 BPM water. Returns moderate 1/8" coal and fines with occasional slugs of coal in black water.

BLACKWOOD & NICHOLS CO., LTD.

P.O. BOX 1237

DURANGO, COLORADO 81302-1237

(303) 247-0728

Completion Report

Northeast Blanco Unit N. 469 - Basin Fruitland Coal

LOCATION: 1315' FNL, 645' FEL
Section 13, T30N, R8W,
San Juan County, New Mexico

6-22-90 7" casing at 2963'; open hole 2963-3215'.

Working pipe at TD with 2 MM air and 10 Bbl water sweeps
each 1/2 hour.

Work pipe at TD with 2 MM air and 1 BPM water. Returns
light 1/8" coal and fines in clear water.

Work pipe at TD with 2 MM air and 10 Bbl water sweeps
every 1/2 hour. Returns light 1/8" coal and fines in
clear water.

Short trip to 7" casing, gauge well through 2" line with
pitot tube: 1/4 hr - 52 psi, 5727 MCFD (mist); 1/2 hr -
60 psi, 6442 MCFD (mist); 3/4 hr - 66 psi, 6974 MCFD
(mist); 1 hr - 68 psi, 7158 MCFD (heavy mist); 1-1/4,
1-1/2, and 1-3/4 hrs - 70 psi, 7337 MCFD (heavy mist).

TIH, had 3' fill.

Work pipe at TD with 2 MM air and 10 Bbl water sweeps
every 1/2 hr. Returns light 1/8" coal and fines in clear
water.

BLACKWOOD & NICHOLS CO., LTD.

P.O. BOX 1237

DURANGO, COLORADO 81302-1237

(303) 247-0728

Completion Report

Northeast Blanco Unit N. 469 - Basin Fruitland Coal

LOCATION: 1315' FNL, 645' FEL
Section 13, T30N, R8W,
San Juan County, New Mexico

6-23-90 7" casing at 2963'; open hole 2963-3215'.

Changing BOP rams to snub drill collars out of hole.

Work pipe at TD with 2 MM air and 10 Bbl water sweeps every 1/2 hour. Returns light 1/8" coal and fines in clear water.

Short trip to 7". TIH, had 1' of fill.

Load hole with water, circulate out gas; had 200 psi at surface.

Lay down 8 jts drill pipe, hang drill pipe on donut. Rig up snubbing unit, test snubbing stack to 2000 psi - held OK.

TIH, had 3' fill. Circulate out gas bubble with 200 psi at surface.

Strip out of hole with 3-1/2" drill pipe.

6-24-90 7" casing at 2963'; open hole 2963-3215'.

Stripping out and laying down drill pipe.

Strip out of hole with drill collars.

Rig up to run 5-1/2" casing.

Pick up casing shoe, 8 jts 5-1/2" casing, Baker liner hanger, and snub in hole. Rig down snubbers, strip in hole with drill pipe.

(Cont'd)

6-24-90 Pick up swivel, tag bottom, no fill. Pick up 5' off bottom, attempt to set liner hanger, could not hang liner, set liner on bottom, back off setting tool.

Run 8 jts (299.78') new 5-1/2" 23# L-80 USS casing, set at 3215' with perfs at 3213-3154' and 3133-3009' with top of hanger at 2915'. Bleed off casing pressure, did not appear to have pack-off.

Rig up and circulate well holding 200 psi at surface.

Strip out of hole laying down drill pipe.

6-25-90 7" casing at 2963'; 5-1/2" liner 2915-3215'.

Snubbing in hole with 2-7/8" tubing and fishing tools.

Strip out of hole, lay down drill pipe. Left two swab cups, spacers, and bottom nut from Baker liner setting tool in hole.

Rig up to run 2-7/8" tubing. Rig up snubbing equipment while waiting on fishing tools.

Pick up taper top, bumper sub, F nipple, and snub 2-7/8" tubing in hole. Rig down snubbers. TIH with tubing, tag at 2920'. Screw into fish, had 2000# drag for 6'.

Strip out with tubing. Rig up snubbers, snub out remainder of tubing, recover one swab cut (1/2 of fish).

Wait on daylight to snub back in hole.

Snub fishing tools in hole on 2-7/8" tubing.

BLACKWOOD & NICHOLS CO., LTD.
P.O. BOX 1237
DURANGO, COLORADO 81302-1237

(303) 247-0728

Completion Report

Northeast Blanco Unit N. 469 - Basin Fruitland Coal

LOCATION: 1315' FNL, 645' FEL
Section 13, T30N, R8W,
San Juan County, New Mexico

6-26-90 7" casing at 2963'; 5-1/2" liner 2915-3215'.

Milling on perfs at 3045'.

Snub and strip in hole with taper tap.

Strip and snub OOH, recovered spacer sleeve from Baker setting tool.

Lay down taper tap, pick up 4 1/2" junk mill, snub and strip 2 7/8" tubing in hole, tag at 3009'.

Circulate hole with water, holding 200 psi back pressure.

Mill junk and plugs from 3009' - 3045'.

BLACKWOOD & NICHOLS CO., LTD.

P.O. BOX 1237

DURANGO, COLORADO 81302-1237

(303) 247-0728

Completion Report

Northeast Blanco Unit N. 469 - Basin Fruitland Coal

LOCATION: 1315' FNL, 645' FEL
Section 13, T30N, R8W,
San Juan County, New Mexico

6-27-90 7" casing at 2963'; 5-1/2" liner 2915-3215'.

Snubbing in 2-7/8" tubing.

Mill plugs from 3045-3153'. Tubing parted below collar at swivel, tubing dropped 30'. Closed #2 rams around tubing.

Wait on fishing tools.

Make up spear on one jt of tubing, spear fish. Pull up and lay down bad jt, tubing was dragging 20,000#. Pick up swivel and rotate to top of liner.

Circulate well holding 200 psi back pressure.

Strip out 2-7/8" tubing, no bent jts.

Lay down junk mill, pick up 4-1/2" plug mill, rig up to snub, wait on daylight.

Snub tubing in hole.

BLACKWOOD & NICHOLS CO., LTD.

P.O. BOX 1237

DURANGO, COLORADO 81302-1237

(303) 247-0728

Completion Report

Northeast Blanco Unit N. 469 - Basin Fruitland Coal

LOCATION: 1315' FNL, 645' FEL
Section 13, T30N, R8W,
San Juan County, New Mexico

6-28-90 7" casing at 2963'; 5-1/2" liner 2915-3215'.

Rigging down.

Snub 2-7/8" tubing in hole.

Pick up power swivel, mill plugs to 3215'.

Rig up Wireline Specialists, cut mill, float, and 6' of tubing off string. Total cut 10.50'.

Rig up Jay Wireline, set plug in tubing.

Lay down 3 jts 2-7/8" tubing, land tubing with donut.

Ran 102 jts (3138.39') 2-7/8" 6.5# J-55 EVE FBNAU USS tubing, set at 3141.89. F nipple set at 3115.92'.

Nipple down Cudd.

Donut was leaking, wait on new packing.

Strip donut out, install new rubber, land donut. Nipple down BOP, nipple up tree.

Rig up Jay Wireline and pull plug.

Rig down, rig released at 6:00 a.m., 6-28-90.

Well surging water 65-120 psi on 2" line.

Last gauge on 6-22-90 was 7.337 MCFD. Water production 734 BWD.