

BLACKWOOD & NICHOLS Co., LTD.
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Completion Report

Northeast Blanco Unit No. 468 - Basin Fruitland Coal

LOCATION: 415' FNL, 1215' FEL
Section 35, T31N, R7W,
San Juan County, New Mexico

8-17-90 Rigging up.

Move in and rig up Aztec Rig No. 56. Nipple up BOP, manifold, and relief lines.

8-18-90 7" casing at 2940'; open hole 2940-3278'.

Circulating and working pipe at TD with 5 BPM water.

Pressure test 7" casing, blind rams, and manifold valves to 2000 psi for 30 minutes - held OK.

Pick up power swivel and rig up floor. Pick up drill collars and drill pipe from basket and strap.

Pick up 6-1/4" Smith FDT, SN# KP4911 (jets: 20-20-20), bit sub, float, 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 safety sub. Bottomhole assembly = 377.53'. Pick up remainder of 3-1/2" drill pipe. Tag cement at 2885'.

Pressure test 3-1/2" pipe rams and HCR valves to 2000 psi for 30 minutes - held OK.

Drill cement, float, and shoe to 2940'.

Drill Fruitland Coal 2940-3278'. Have 25' flare through 2 blooie lines.

Circulate and work pipe at TD with 5 BPM water. Returns moderate 1/8" and less coal (95%), in clear to gray water.

(Cont'd)

8-18-90	Coal Intervals:	2964-2966'	2'
		2990-2991'	1'
		3003-3007'	4'
		3039-3042'	3'
		3049-3053'	4'
		3056-3063'	7'
		3064-3068'	4'
		3074-3089'	15'
		3122-3128'	6'
		Total	46'

Top P.C. Tongue - 3146'
Top Main P.C. - 3274'
Total Depth - 3278'

8-19-90 7" casing at 2940'; open hole 2940-3278'.

Circulating and working pipe at TD with 1 BPM water.

Circulate and work pipe at TD with 5 BPM water. Returns light coal in clear water.

Circulate and work pipe at TD with 5 BPM decreasing to 1 BPM water. Returns light coal in clear water.

25-30' flare from both blooie lines.

8-20-90 7" casing at 2940'; open hole 2940-3278'.

Circulating and working pipe at TD with 2 MM air and 1 BPM water with 15 Bbl water sweeps hourly.

Circulate and work pipe at TD with 1 MM air and 4 BPM decreasing to 1 BPM water, reducing water 1 BPM each hour. Returns light 1/8" coal, shale and siltstone in clear water.

Circulate and work pipe at TD with 2 MM air and 3 BPM decreasing to 1 BPM water, reducing water 1 BPM each hour. Returns same as above.

Circulate and work pipe at TD with 2 MM air and 1 BPM water with 15 Bbl water sweeps hourly. Returns moderate 1/8" coal in black water on sweeps; light coal returns between sweeps.

Estimate 2 to 2.5 MMCFD.