

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

2. Lease Designation or Serial #: SF-079043

6. If Indian, Allottee/Tribe Name

WELL COMPLETION OR RECOMPLETION AND LOG *

1a. Type of Well: oil well ___ gas well X dry ___ other ___
 b. Type of Completion: new well X work over ___ deepen ___
 plug back ___ diff. resvr. ___ other ___

7. Unit Agreement Name:
Northeast Blanco Unit

8. Farm or Lease Name:
Northeast Blanco Unit

2. Name of Operator: Blackwood & Nichols Co., Ltd.

9. Well No.:
418

3. Address of Operator: P.O. Box 1237, Durango, Colorado 81302-1237

10. Field and Pool, or Wildcat:
Basin Fruitland Coal

4. Location of Well: (Report location clearly, in accordance with any State requirements)*
 At surface
 At top prod. interval reported below 825' FSL, 950' FWL
 At total depth

11. Sec., T., M., or Block and Survey or Area:
Sec. 28, T31N, R7W

Permit No.: 30-045-27403

12. County or Parish: San Juan
13. State: NM

15. Date Spudded: 12-30-89
16. Date TD Reached: 7-30-90
17. Date Compl. (ready to produce): 8-8-90
18. Elev. (DF, RKB, RT, GR, Etc)*: 6608' RKB
19. Elev. Csghd.: 6594 UG

20. Total Depth, MD & TVD: 3476'
21. Plug Back TD, MD & TVD: 3476'
22. If Mult. Comp.: How Many* N/A
23. Intervals Drilled By: Rotary Tools TD Cable Tools No

24. Producing Interval(s), of this completion - Top, Bottom, Name (MD and TVD)*:
Fruitland Basin Coals, open hole completion from 3286' to 3476'
25. Was Directional Survey Made? Yes

26. Type Electric and Other Logs Run: Mud Log
27. Was Well Cored? No

28. CASING RECORD (Report all strings set in well)

Casing Size	Weight, LB/FT	Depth Set (MD)	Hole Size	Cementing Record	Amount Pulled
9.625"	23# J-55	304'	12.25"	295 cf of Class B Neat	23 Bbls Circ. Cement
7.000"	23# J-55	3286'	8.75"	782 cf 65/35 Poz Mix	
				143 cf of Class B Neat	10 Bbls Circ. Cement

LINER RECORD

TUBING RECORD

Size	Top (MD)	Bottom (MD)	Sacks Cmt*	Screen (MD)	Size	Depth Set (MD)	Pack: Set (MD)
5.500"	3221'	3272'	None	N/A	2.875"	3393'	N/A

31. Perforation Record (Interval, size and number):

5.5" Uncemented Pre-perfed Liner
3311-3349'; 3352-3391'; 3393-3413'; 3454-3471'
(8 HPF, 0.625)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval (MD)	Amount and Kind of Material Used
3286' - 3476'	Natural, stress relieved the coal zones.

33. PRODUCTION

Date First Production: Waiting on pipeline
 Production Method (Flowing, gas lift, pumping-size and type of pump): Flowing during completion operation, wet gauge
 Well Status (shut-in): Shut-in

Date of Test: 8-8-90
 Hours Tested: 1 Hr.
 Choke Size: 2" pitot
 Prod'n For Test Period:
 Oil-Bbl N/A
 Gas-MCF N/A
 Water-Bbl N/A
 Gas-Oil Ratio N/A

Flow. Tubing Press: 1335 psig
 Casing Pressure: 1375 psig
 Calculated 24 HR Rate:
 Oil-Bbl N/A
 Gas-MCF 4832 MCFD
 Water-Bbl 5200 BWD
 Gravity API N/A

34. Disposition of Gas (Sold, used for fuel, vented, etc): Vented
 Test Witnessed By: SEP. 9 1990

35. List of Attachments: FARMINGTON RESOURCE AREA

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
 Signed: R. W. Williams Roy W. Williams Title: Administrative Manager Date: 9/17/90

(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC
NEBU# 418 Fruitland Coal Zones:	3311'	3312'	
	3320'	3323'	
	3325'	3330'	
	3334'	3340'	
	3341'	3342'	
	3349'	3351'	
	3369'	3371'	
	3394'	3395'	
	3400'	3401'	
	3453'	3454'	
	3456'	3470'	
	3471'	3473'	

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 OCT 1 1990
 OIL CON. DIV.
 DIST. 3

38. GEOLOGICAL MARKERS

NAME	MEAS. DEPTH	TOP	
		TRUE VERT. DEP	
Top PC Tongue	3403'		
Top Main PC	3474'		