

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit in Duplicate*

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 _____

2. Name of Operator: Blackwood & Nichols Co., A Limited Partnership

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

4. Location of Well: (Report location clearly, in accordance with any State requirements)*

At surface

At top prod. interval reported below

1500' FSL, 790' FWL

At total depth

Permit No.: 30-045-27710

5. Lease Designation & Serial #: NM-03358

6. If Indian, Allottee/Tribe Name

7. Unit Agreement Name:
Northeast Blanco Unit

8. Farm or Lease Name:
Northeast Blanco Unit

9. Well No.:
498

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

11. Sec., T., M., or Block and
Survey or Area:
Sec. 13, T31N, R7W

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

15. Date Spudded: 6-5-90 16. Date TD Reached: 10-25-90 17. Date Compl. (ready to produce): 11-2-90 18. Elev. (DF, RKB, RT, GR, Etc)*: 6457' RKB 19. Elev. Csgd.: 6443' UG

20. Total Depth, MD & TVD: 3385' 21. Plug Back TD, MD & TVD: 3385' 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 3074' to 3385' 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"	36# K-55	309'	12.25"	295 cf of Class B Neat	23 Bbls Circ. Cement
7.000"	23# N-80	3074'	8.75"	759 cf 65/35 Poz Mix	16 Bbls Circ. Cement

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LINER RECORD

TUBING RECORD

Size	Top (MD)	Bottom (MD)	Sacks Cmt*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
			None	N/A	2.875"	3077'	N/A

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

Open Hole No Liner. Open Hole 3074'-3385'

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

Depth Interval (MD)	Amount and Kind of Material Used
3074' - 3385	Natural, stress relieved the coal zones.

33.

PRODUCTION

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

Date of Test: 11-2-90 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: 1450 psig Casing Pressure: 1500 psig Calculated 24 HR Rate: Oil-Bbl N/A Gas-MCF 919 MCFD Water-Bbl N/A Oil Gravity-API N/A

34. Disposition of Gas (Sold, used for fuel, vented, etc): Vented Test Witnessed By: D. Baxter FARMINGTON RESOURCE AREA

35. List of Attachments:

BY 22

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Signed: Roy W. Williams Title: Administrative Manager Date: 11/6/90

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency or the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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# 498 Fruitland Coal Zones:	3108'	3109'	
	3121'	3124'	
	3125'	3130'	
	3131'	3132'	
	3164'	3165'	
	3196'	3201'	
	3202'	3203'	
	3204'	3207'	
	3209'	3210'	
	3211'	3221'	
	3234'	3236'	
	3247'	3251'	
	3254'	3255'	
	3256'	3257'	
	3263'	3265'	
	3375'	3376'	

38.

GEOLOGICAL MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Top PC Tongue	3267'	
Main PC	3384'	