

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Submit in Duplicate\*

5. Lease Designation & Serial #: SF-079045

6. If Indian, Allottee/Tribe Name

WELL COMPLETION OR RECOMPLETION AND LOG \*

1a. Type of Well: oil well \_\_\_ gas well X dry BLM other \_\_\_  
b. Type of Completion: new well X work over \_\_\_ deepen \_\_\_  
plug back \_\_\_ diff. resvr. \_\_\_ other FINISH COMPLETION STARTED IN JANUARY, 1990

7. Unit Agreement Name:  
Northeast Blanco Unit

8. Farm or Lease Name:  
Northeast Blanco Unit

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

9. Well No.:  
412

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

At total depth

840' FSL, 1725' FWL

Permit No.: 30-045-27354

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

11. Sec., T., M., or Block and Survey or Area:  
Sec. 29, T31N, R7W

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

15. Date Spudded: 12-1-89  
16. Date TD Reached: 1-23-90  
17. Date Compl. (ready to produce): 1-30-91  
18. Elev. (DF, RKB, RT, GR, Etc)\*: 6303' RKB  
19. Elev. Csgd.: 6289' GL

20. Total Depth, MD & TVD: 3189'  
21. Plug Back TD, MD & TVD: 3189'  
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 2890' to 3189'

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# J-55	317'	12.25"	295 cf of Class B Neat	20 Bbls Circ. Cement
7.000"	23# J-55	2890'	8.75"	731 cf of G Poz Mix	
				144 cf of Class G Neat	37 Bbls Circ. Cement

LINER RECORD

TUBING RECORD

Size	Top (MD)	Bottom (MD)	Sacks Cmt*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
5.500"	2796'	3188'	None	N/A	2.875"	3115'	N/A

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

5.5" Uncemented Pre-perfed Liner  
2891-2908'; 2996-3119'; 3144-3185'  
(8 HPF, 0.625)  
Open Hole 2890-3189'

MAR 04 1991

OIL CON. DIV.  
DIST. 3

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

Depth Interval (MD)	Amount and Kind of Material Used
2890' - 3189'	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: 2-06-90	Hours Tested: 1 Hr.	Choke Size: 3/4" Choke	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: 320 psig		Casing Pressure: 810 psig	Calculated 24 HR Rate:	Oil-Bbl N/A	Gas-MCF 2,436 MCFD	Water-Bbl 4,500 BWD	Oil Gravity-API N/A

34. Disposition of Gas (Sold, used for fuel, vented, etc):

Vented

Test Witnessed By:  
M. L. Smith

35. List of Attachments:

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

Signed: Roy W. Williams Title: Administrative Manager Date: 2/7/90

(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 of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMCOO

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# 412			
Fruitland Coal Zones:	2913'	2916'	
	3023'	3033'	
	3035'	3058'	
	3060'	3062'	
	3077'	3082'	
	3091'	3093'	
	3108'	3109'	
	3114'	3115'	
	3164'	3171'	
	3173'	3186'	

38.

GEOLOGICAL MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2130' *	
Kirtland	2230' *	
Fruitland	2850' *	
* Inferred from offset Well Logs		