

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit in Duplicate*

5. Lease Designation & Serial #: SF-079060

6. If Indian, Allottee/Tribe Name

WELL COMPLETION OR RECOMPLETION AND LOG *

1a. Type of Well: oil well ___ gas well X dry ___ other None
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

350' FNL, 460' FEL

At total depth

Permit No.: 30-039-24946

7. Unit Agreement Name:

Northeast Blanco Unit

8. Farm or Lease Name:

Northeast Blanco Unit

9. Well No.:

413R

10. Field and Pool, or Wildcat:

Basin Fruitland Coal

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

Sec. 20, T30N, R7W

12. County or Parish:

Rio Arriba

13. State:

NM

15. Date Spudded: 10-1-90 16. Date TD Reached: 12-7-90 17. Date Compl. (ready to produce): 12-18-90 18. Elev. (DF, RKB, RT, GR, Etc)* 6312' RKB 19. Elev. Csgd. 6298' UG

20. Total Depth, MD & TVD: 3213' 21. Plug Back TD, MD & TVD: 3213' 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 2920' to 3213'

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	313'	12.25"	295 cf. of Class B	7 Bbls Circ. Cement
7.000"	23# N-80	2920'	8.75"	810 cf. Howco Lite	
				148 cf. Class B	15 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"	2837'	3212'	None	N/A	2.875"	3160'	N/A

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

5.5" Uncemented Pre-perfed Liner - Open Hole 2920'-3213'
2927-2967'; 2986-3045'; 3084-3202'
(8 HPF, 0.625)

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

Depth Interval (MD)	Amount and Kind of Material Used
2920' - 3213'	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, light mist gauge Well Status (shut-in): Shut-in

Date of Test: 12-18-90 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: 1250 psig Casing Pressure: 1245 psig Calculated 24 HR Rate: Oil-Bbl N/A Gas-MCF 10,813 MCF Water-Bbl 100 Bbl Oil Gravity-API N/A

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

Vented

Test Witnessed By: FEB 01 1991 Baxter

35. List of Attachments:

FARMINGTON RESOURCE AREA

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: 1/31/91

(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, flowing and shut-in pressures, and recoveries):

38. GEOLOGICAL MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC	NAME	MEAS. DEPTH
NEBU# 413R					
Fruitland Coal Zones:	2939'	2940'		Top Main PC	3211'
	2950'	2951'			
	2952'	2953'			
	2996'	2997'			
	2998'	3000'			
	3007'	3008'			
	3019'	3021'			
	3076'	3081'			
	3084'	3095'			
	3096'	3097'			
	3099'	3104'			
	3123'	3125'			
	3126'	3131'			
	3133'	3134'			
	3137'	3139'			
	3154'	3156'			
	3157'	3163'			
	3165'	3169'			
	3180'	3186'			

RECEIVED
FEB 01 1991
OIL CON. DIV
DIST. 3