

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Submit in Duplicate\*

5. Lease Designation & Serial #:  
SF-079043

6. If Indian, Allottee/Tribe Name

WELL COMPLETION OR RECOMPLETION AND LOG

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

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

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

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

At surface

At top prod. interval reported below 2045' FSL, 1395' FWL

At total depth

Permit No.:

30-045-27310

7. Unit Agreement Name:  
NE Blanco Unit

8. Farm or Lease Name:  
NE Blanco Unit

9. Well No.:  
446

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

11. Sec., T., M., or Block and  
Survey or Area:  
Sec 33, T31N, R7W

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

15. Date Spudded: 12-04-89  
16. Date TD Reached: 02-18-90  
17. Date Compl. (ready to produce): 02-24-90  
18. Elev. (DF, RKB, RT, GR, Etc)\* 6302' GL  
19. Elev. Csgd. 6302'

20. Total Depth, MD & TVD: 3202'  
21. Plug Back TD, MD & TVD: 3202'  
22. If Mult. Comp.: How Many\* N/A  
23. Intervals Drilled By: TD  
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 2877' to 3202'

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	315'	12.25"	295 cf of Class B Neat	22 Bbls Circ. Cement
7.000"	23# J-55	2877'	8.75"	774 cf B POX/MIX	
				147 cf of Class B	39 Bbls Circ. Cement

LINER RECORD

TUBING RECORD

Size	Top (MD)	Bottom (MD)	Sacks Cmt*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
5.50"	2817'	3201'	None	N/A	2.875"	3201'	N/A

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

8 HPF, 0.625"  
2695-3119'; 3182-3198'

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

Depth Interval (MD) Amount and Kind of Material Used  
2877'-3202' Natural, stress relieved the coal zones.

33. PRODUCTION

Date First Production: W/O Pipeline  
Production Method (Flowing, gas lift, pumping-size and type of pump used) Flowing during completion operation, wet gauge  
Flowing during completion operation, wet gauge

Date of Test: 02-22-90  
Hours Tested: 1 Hr.  
Choke Size: 2" pitot  
Prod. For Test Period: N/A  
Oil-Bbl N/A  
Gas-MCF N/A  
Water-Bbl N/A  
Gas-Oil Ratio N/A

Flow. Tubing Press: N/A psig  
Casing Pressure: N/A psig  
Calculated 24 HR Rate: N/A  
Oil-Bbl N/A  
Gas-MCF 3,848 MCFD  
Water-Bbl N/A  
Oil Gravity-API N/A

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

Vented

Measured by: Farmington Resource  
Checked by: A. Winell

35. List of Attachments:

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
Signed: William F. Clark WILLIAM F. CLARK Title: OPERATIONS MANAGER Date: 12 Mar '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):

38.

GEOLOGICAL MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC			
No Electric Logs run; only a Mud Log through the Fruitland Coal Zones: NEBU# 446				NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland Coal Zones:				Ojo Alamo	2095' *	
	2975'	2976'		Kirtland	2270' *	
	2979'	2980'		Fruitland	2885' *	
	2988'	2995'				
	2996'	2997'		* Inferred from Offset Well Logs		
	3032'	3041'				
	3042'	3044'				
	3077'	3086'				
	3106'	3107'				
	3109'	3110'				
	3187'	3197'				
	3199'	3200'				

FORM APPROVED

Budget Bureau No. 1004-0137

Expires August 31, 1985