

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SF-079045

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. 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

1310' FNL - 830' FEL

At total depth

Permit No.: 30-045-27287

6. If Indian, Allottee/Tribe Name

7. Unit Agreement Name:
Northeast Blanco Unit

8. Farm or Lease Name:
Northeast Blanco Unit

9. Well No.:
416

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

11. Sec., T., M., or Block and
Survey or Area:
Sec. 21, T31N, R7W

12. County or Parish:
San Juan

13. State:
NM

15. Date Spudded: 10-10-89 16. Date TD Reached: 10-23-89 17. Date Compl. (ready to produce): 10-24-89 18. Elev. (DF, RKB, RT, GR, Etc)* 6403' GL 19. Elev. Csgd.

20. Total Depth, MD & TVD: 3414' 21. Plug Back TD, MD & TVD: 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 2992' to 3414'

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	310'	12.25"	295 cf Class B	18 Bbls Circ. Cement
7.000"	23# J-55	2992' 2996'	8.75" 8 9/16"	747 cf Class G 65/35/6	
				144 cf of Class G Neat	12 Bbls Circ. Cement

LINER RECORD

TUBING RECORD

Size	Top (MD)	Bottom (MD)	Sacks Cmt*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
No Liner Run			None	N/A	2.375"	3111'	N/A

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

No Liner Run

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

Depth Interval (MD)	Amount and Kind of Material Used
2992' - 3414'	Natural, stress relieved the coal zones.

33.

PRODUCTION

Date First Production: 3-05-90		Production Method (Flowing, gas lift, pumping-size and type of pump): Flowing during completion operation				Well Status (shut-in): Producing	
Date of Test: 8-11-93	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: 761 psig	Casing Pressure: 762 psig	Calculated 24 HR Rate:	Oil-Bbl N/A	Gas-MCF 1808 MCFD	Water-Bbl N/A	Oil Gravity-API N/A	

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

Vented

ACCEPTED FOR RECORD

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: Al Rector Al Rector Title: District Supervisor

(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# 416	No Electric Log run; only a Mud Log through the Fruitland Coal Zones:		
Fruitland Coal Zones:	3008'	3021'	
	3084'	3086'	
	3090'	3115'	
	3118'	3120'	
	3130'	3135'	

38. GEOLOGICAL MARKERS

NAME	MEAS. DEPTH	TOP	
			TRUE VERT. DEPT.
Ojo Alamo	2233' *		
Kirtland	2353' *		
Fruitland	2923' *		
* Inferred from offset Well Logs			