

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 BLM
b. Type of Completion: new well X work over ___ deepen ___
plug back ___ diff. resvr. ___ other file in

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 1830' FSL - 830' FEL, Sec. 12, T30N, R8W (SF-078581)

At top prod. interval reported below

At total depth 1402' FSL - 799' FML

Permit No.: 30-045-28222

5. Lease Designation & Serial #: SF-079042

6. If Indian, Allottee/Tribe Name

7. Unit Agreement Name: Northeast Blanco Unit

8. Farm or Lease Name: Northeast Blanco Unit

9. Well No.: 461

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

11. Sec., T., M., or Block and Survey or Area: Bottom Hole: Sec. 7, T30N, R7W I-12-30N-8W

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

15. Date Spudded: 11-02-90 16. Date TD Reached: 11-15-90 17. Date Compl. (ready to produce): 11-29-90 18. Elev. (DF, RKB, RT, GR, Etc)*: 6340' KB 19. Elev. Csghd.: 6326' UG

20. Total Depth, MD & TVD: 3850' (MD)/3250' (TVD) 21. Plug Back TD, MD & TVD: 3850' (MD)/3250' (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 3638' to 3850' (MD)/3038' to 3250' (TVD) 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
10.750"	40.5# WC50	300'	14.750"	566 cf of Class B	27 Bbls Circ. Cement
7.625"	29.7# N-80	3638'	9.875"	1249 cf Halliburton Lite	
				147 cf Class B	14 Bbls Circ. Cement

LINER RECORD

TUBING RECORD

Size	Top (MD)	Bottom (MD)	Sacks Cmt*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
	N/A			N/A	2.375"	3621'	N/A

31. Perforation Record (Interval, Size and number):
Open Hole No Liner
3638' - 3850'

OIL CON. DIV.
DIST. 3

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

Depth Interval (MD) Amount and Kind of Material Used
3638' - 3850' 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, dry gauge Well Status (shut-in): Shut-in

Date of Test: 11-24-90 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: 1500 psig Casing Pressure: 1540 psig Calculated 24 HR Rate: Oil-Bbl N/A Gas-MCF 492 MCFD Water-Bbl TSTM 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: Mark S. Manson Mark S. Manson Title: Operations Engineer Date: 10-18-91

(See Instructions and Spaces for Additional Information)

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.

NMOOD

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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
NEBU# 461 Fruitland Coal Zones:	3057'	3059'		Top Main PC	3247'	
	3061'	3073'				
	3074'	3076'				
	3124'	3125'				
	3126'	3135'				
	3159'	3165'				
	3213'	3223'				
	3244'	3245'				