

UNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 20 1990

5. Lease Designation & Serial #:
SF-079010

6. If Indian, Allottee/Tribe Name

WELL COMPLETION OR RECOMPLETION AND LOG *

1a. Type of Well: oil well ☐ gas well ☒
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 1477' FNL, 793' FEL

At total depth

Permit No.:
30-039-24620

7. Unit Agreement Name:
NE Blanco Unit

8. Farm or Lease Name:
NE Blanco Unit

9. Well No.:
493

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

11. Sec., T., M., or Block and
Survey or Area:
Sec 25, T31N, R7W

12. County or Parish: Rio Arriba
13. State: NM

15. Date Spudded: 4-13-90 16. Date TD Reached: 5-13-90 17. Date Compl. (ready to produce): 5-20-90 18. Elev. (DF, RKB, RT, GR, Etc)*: 6297' KB 19. Elev. Csgd.: 6283' GL

20. Total Depth, MD & TVD: 3208' 21. Plug Back TD, MD & TVD: 3208' 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 2926' to 3208'

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	315'	12.25"	295 cf Class B Neat	22 Bbls Circ. Cement
7.000"	23# K-55	2926'	8.75"	726 cf 65/35 Poz Mix	
				147 cf of Class G Neat	20 Bbls Circ. Cement

LINER RECORD

Size	Top (MD)	Bottom (MD)	Sacks Cmt*	Screen	Size	Depth Set (MD)	Packer Set (MD)
					2.875"	2920'	N/A

TUBING RECORD

31. Perforation Record (Interval, size and number)
Open hole - no liner

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

Depth Interval (MD) Amount and Kind of Material Used
2926'-3208' 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): Flowing during completion operation, wet gauge Well Status (shut-in): Shut-in

Date of Test: 5-19-90 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: 580 psig Casing Pressure: (shut-in) 1500 psig Calculated 24 HR Rate: N/A Oil-Bbl 600 MCFD Gas-MCF 601 BWD Water-Bbl N/A Oil Gravity-API N/A

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

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 MGR Date: 8/16/90

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

NMOCD

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# 493 Fruitland:	2953'	2960'	
	2985'	2987'	
	2997'	3003'	
	3046'	3049'	
	3070'	3074'	
	3076'	3077'	
	3081'	3083'	
	3093'	3103'	
	3190'	3191'	
	3193'	3195'	
	3198'	3205'	

38. GEOLOGICAL MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Picture Cliff Tongue	3119'	
Main Picture Cliff	3206'	

FORM APPROVED
Budget Bureau No. 1004-0137
Expires August 31, 1985