

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit in Duplicate*

5. Lease Designation & Serial #: **SF-079042**

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 **930' FSL, 610' FWL**

At total depth

Permit No.:

30-045-27263

7. Unit Agreement Name:
NE Blanco Unit

8. Farm or Lease Name:
NE Blanco Unit

9. Well No.: **453**

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

11. Sec., T., M., or Block and Survey or Area:
Sec 6, T30N, R7W

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

15. Date Spudded: **10-27-89** 16. Date TD Reached: **04-01-90** 17. Date Compl. (ready to produce): **04-11-90** 18. Elev. (DF, RKB, RT, GR, Etc)* **6176' GL** 19. Elev. Csgd. **6190' KB**

20. Total Depth, MD & TVD: **3097'** 21. Plug Back TD, MD & TVD: **3097'** 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 2890' to 3097'

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	340'	12.25"	287 cf Class B Neat	16 Bbls Circ. Cement
7.000"	23# K-55	2889'	8.75"	422 cf 65/35 Poz Mix	
				144 cf Class G Neat	12 Bbls Circ. Cement

29. **LINER RECORD**

Size	Top (MD)	Bottom (MD)	Sacks Cmt*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
5.50"	2821'	3090'	None	N/A	2.875"	3033'	N/A

30. **TUBING RECORD**

31. PERFORATION RECORD (Interval, size and number):

8 HPF, 0.625"
2890-2929'; 2950-2991'; 2994-3010'
3013-3049'; 3071-3087'
5.50" uncemented liner

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

Depth Interval (MD)	Amount and Kind of Material Used
2890'-3097'	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: **04-11-90** Hours Tested: **1 Hr.** Choke Size: **2" pitot** Prod'n 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: (shut-in) 1500 psig Casing Pressure: (shut-in) 1575 psig Calculated 24 HR Rate: **N/A** Oil-Bbl **N/A** Gas-MCF **3311 MCFD** Water-Bbl **939 BWD** Oil Gravity-API **N/A**

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

Vented NMOC Test Witnessed By: **ACCEPTED FOR RECORD**

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: *William F. Clark* **William F. Clark** title: **Operations Manager** **MAY 16 1990**

(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	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland Coal	2894'	2899'	No Electric logs run; only a Mud Log through the Fruitland Coal Zones. Coal Zones	Pictured Cliffs	3096'	3096'
	2908'	2912'				
	2915'	2918'				
	2921'	2923'				
	2962'	2970'				
	2972'	2974'				
	2976'	2977'				
	2998'	3007'				
	3009'	3010'				
	3035'	3041'				
	3043'	3045'				
	3082'	3092'				

RECEIVED
MAY 21 1990
OIL CON. DIV.
LST.

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