

WELL COMPLETION OR RECOMPLETION AND LOG

1a. Type of Well: oil well _____ gas well X dry _____ other _____
 b. Type of Completion: new well X 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 81302-1237

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

At surface

At top prod. interval reported below

At total depth

1650' FNL, 1160' FEL

Permit No.: 30-039-24448

6. If Indian, Allottee/Tribe Name

7. Unit Agreement Name:
Northeast Blanco Unit

8. Farm or Lease Name:
Northeast Blanco Unit

9. Well No.:
477

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

11. Sec., T., M., or Block and
Survey or Area:
Sec. 29, T30N, R7W

12. County or Parish: RA 13. State:
ba NM

15. Date Spudded: 08-28-89 16. Date TD Reached: 09-05-89 17. Date Compl. (ready to produce): 10-04-89 18. Elev. (DF, RKB, RT, GR, Etc)* 6336' GL 19. Elev. Csgd. 0000'

20. Total Depth, MD & TVD: 3199' 21. Plug Back TD, MD & TVD: 3199' 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 3087' to 3199'

25. Was Directional Survey Made?
Yes

26. Type Electric and Other Logs Run:

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	306'	12.25"	295 cf of Class B	21 Bbls Circ. Cement
7.000"	23# J-55	2925' - 3079'	8.75"	705 cf of 65/35 POZ 6	
				118 cf of Class B Neat	2 Bbls Circ. Cement

LINER RECORD**TUBING RECORD**

Size	Top (MD)	Bottom (MD)	Sacks Cmt*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
None					2.375"	3078'	N/A

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
3087' - 3199'	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): Pumping - 2" x 1-1/2" x 18' Well Status (shut-in): Shut-in

Date of Test: 11-15-89 Hours Tested: 24 Hrs. Choke Size: 200 # b.p. Prod'n For Test Period: Oil-Bbl N/A Gas-MCF 165 Water-Bbl 15 Gas-Oil Ratio N/A

Flow. Tubing Press: 200 psig Casing Pressure: S.I. 1282 Calculated 24 HR Rate: Oil-Bbl N/A Gas-MCFD 165 Water-Bbl **ACCEPTED FOR RECORD** Oil Gravity-API

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

Vented

Test Witnessed By:
P. Magnum

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: 23 Jan 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.

NM000

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
No Electric Logs run; only a Mud Log through the Fruitland Coal Zones:			
Fruitland Coal Zones:	3087'	3114'	
	3125'	3142'	
	3161'	3172'	
	3177'	3182'	
	3184'	3192'	

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FEB 13 1990
OIL CON. DIV. 1
DIST. 3

38. GEOLOGICAL MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. D
Ojo Alamo	2050' *	
Kirtland	2220' *	
Fruitland	3000' *	
* Inferred from offset Well Logs		

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