

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit in Duplicate*

5. Lease Designation & Serial #: SF 079-010

6. 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 81302-1237

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

At surface

At top prod. interval reported below

1340' FNL, 1105' FEL

At total depth

Permit No.: 30-045-27476

7. Unit Agreement Name:
Northeast Blanco Unit

8. Farm or Lease Name:
Northeast Blanco Unit

9. Well No.:
456

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

11. Sec., T., M., or Block and
Survey or Area:
Sec. 26, T31N, R7W

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

15. Date Spudded: 11-28-89
16. Date TD Reached: 12-07-89
17. Date Compl. (ready to produce): 12-14-89
18. Elev. (DF, RKB, RT, GR, Etc)*: 6320' GL
19. Elev. Csgd.

20. Total Depth, MD & TVD: 3125'
21. Plug Back TD, MD & TVD: 3125'
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 2945' to 3125'

25. Was Directional Survey Made?
Yes

26. Type Electric and Other Logs Run:

Mud Log, GR-Neutron 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	26# J-55	443'	12.25"	413 cf of Class B Neat	31 Bbls Circ. Cement
7.000"	23# J-55	2931'	8.75"	722 cf of 65/35 POZ	
				144 cf of Class G	12 Bbls Circ. Cement

LINER RECORD

TUBING RECORD

Size	Top (MD)	Bottom (MD)	Sacks Cmt*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
5.50"	2865'	3124'	None	N/A	2.375"	2931'	N/A

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

Open hole with an uncemented
pre-perforated liner.

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

Depth Interval (MD) Amount and Kind of Material Used

2945' - 3125'

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, wet gauge
Well Status (shut-in): Shut-in

Date of Test: 12-13-90
Hours Tested: 1.5 Hrs.
Choke Size: 2" pitot
Prod'n For Test Period:
Oil-Bbl N/A
Gas-MCF
Water-Bbl
Ratio N/A

Flow. Tubing Press: N/A 860
Casing Pressure: N/A 1500
Calculated 24 HR Rate:
Oil-Bbl N/A
Gas-MCF 615 MCFD
Water-Bbl 120 BBL
Oil Gravity-API N/A

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

Vented

Test Witnessed By:

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 Date: 30 Jan 90

(See Instructions and Spaces for Additional Data on Reverse Side)

1121

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
Fruitland Coal Zones: from Mud Log	2945'	2946'	
	2959'	2964'	
	3023'	3039'	
	3082'	3090'	
	3092'	3094'	
	3103'	3109'	
	3121'	3124'	

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OIL CON. DIV.
DIST. 3

38. GEOLOGICAL MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2190' *	
Kirtland	2290' *	
Fruitland	2900' *	
* Inferred from offset Well Logs		