

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit in Duplicate*

5. Lease Designation & Serial #:
SF-079045

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 1140' FSL, 790' FWL

At total depth

Permit No.:

30-045-27244

7. Unit Agreement Name:
NE Blanco Unit

8. Farm or Lease Name:
NE Blanco Unit

9. Well No.:
478

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

11. Sec., T., M., or Block and
Survey or Area:
Sec 21, ~~SE~~, R7W

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

15. Date Spudded: 01-07-90 16. Date TD Reached: 02-23-90 17. Date Compl. (ready to produce): 03-09-90 18. Elev. (DF, RKB, RT, GR, Etc)* 6422' KB 19. Elev. Csgd. 6408' GL

20. Total Depth, MD & TVD: 3321' 21. Plug Back TD, MD & TVD: 3321' 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 2996' to 3321'

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	310'	12.25"	295 cf Class B Neat	22 Bbls Circ. Cement
7.000"	23# J-55	2996'	8.75"	731 cf 65/35 Poz Mix	
				225 cf of Class Neat	34 Bbls Circ. Cement

LINER RECORD

TUBING RECORD

Size	Top (MD)	Bottom (MD)	Sacks Cmt*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
None					2.875"	2991'	N/A

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

Open hole - no liner

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MAY 29 1990

**OIL CON. DIV.,
DIST. 3**

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

Depth Interval (MD) Amount and Kind of Material Used

2996'-3321' 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: 02-27-90 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: 710 psig Casing Pressure: 1100 psig Calculated 24 HR Rate: N/A Oil-Bbl N/A Gas-MCF 4563 MCFD Water-Bbl 380 BWD Oil Gravity-API N/A

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

Vented

Test Witnessed By:

ACCEPTED FOR RECORD J. Bowden

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

(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC
No Electric Logs run; only a Mud Log through the Fruitland Coal Zones:			
NEBU# 478	3044'	3045'	Coal Zones
	3057'	3058'	
	3103'	3109'	
	3111'	3116'	
	3118'	3127'	
	3129'	3135'	
	3144'	3153'	
	3182'	3184'	
	3268'	3271'	
	3305'	3306'	

38. GEOLOGICAL MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs Tongue	3190' KB	3190' KB
Main Pictured Cliffs	3310' KB	3310' KB