

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit in Duplicate*

5. Lease Designation & Serial #:
SF-079082

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 ___

7. Unit Agreement Name:
NE Blanco Unit

8. Farm or Lease Name:
NE Blanco Unit

2. Name of Operator: Blackwood & Nichols Co., Ltd.

9. Well No.:
471

3. Address of Operator: P.O. Box 1237, Durango, Colorado 81302

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

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

At surface

At top prod. interval reported below 1315' FNL, 1710' FEL

At total depth

11. Sec., T., M., or Block and
Survey or Area:
Sec 25, T31N, R8W

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

Permit No.:
30-045-27319

15. Date Spudded: 02-20-90
16. Date TD Reached: 03-12-90
17. Date Compl. (ready to produce): 03-20-90
18. Elev. (DF, RKB, RT, GR, Etc)* 6415' KB
19. Elev. Csghd. 6401' GL

20. Total Depth, MD & TVD: 3299'
21. Plug Back TD, MD & TVD: 3299'
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 2971' to 3299'

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"	3# K-55	314'	12.25"	295 cf Class B Neat	22 Bbls Circ. Cement
7.000"	23# K-55	2971'	8.75"	715 cf 65/35 Poz Mix	
				148 cf of Class B Neat	20 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"	2903'	3298'	None	N/A	2.875"	3192'	N/A

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

8 HPF, 0.625"
3106.04-3124.27'; 3165.83'-3295.07'
5.50" predrilled uncemented liner.

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

Depth Interval (MD) Amount and Kind of Material Used

2971'-3299' 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: 03-20-90
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

Tubing Press: 1046 psig
Casing Pressure: (shut-in) 1500 psig
Calculated 24 HR Rate: N/A
Oil-Bbl N/A
Gas-MCF N/A
Water-Bbl N/A
Oil Gravity: N/A

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

Vented

APR 24 1990

Test Witnessed by:

D. Dwinell

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: 17 April 90

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

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OIL CON. DIV.
DET. 3

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# 471 Fruitland:	3018'	3019'	No Electric Logs run; only a Mud Log through the Fruitland Coal Zones: Coal Zones
	3068'	3069'	
	3111'	3115'	
	3160'	3161'	
	3165'	3173'	
	3177'	3187'	
	3212'	3227'	
	3242'	3243'	
	3270'	3275'	
	3277'	3295'	

38.

GEOLOGICAL MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Main Pictured	Cliffs: 3297'	3297'