

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 ☐ 40
 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 2510' FSL, 1640' FEL
 At total depth

Permit No.: 30-039-24490

7. Unit Agreement Name:
Northeast Blanco Unit
 8. Farm or Lease Name:
Northeast Blanco Unit
 9. Well No.:
479
 10. Field and Pool, or Wildcat:
Basin Fruitland Coal
 11. Sec., T., M., or Block and
Survey or Area:
Sec. 20, T30N, R7W
 12. County or Parish:
San Juan
 13. State:
NM

15. Date Spudded: 08-08-89 16. Date TD Reached: 09-21-89 17. Date Compl. (ready to produce): 10-18-89 18. Elev. (DF, RKB, RT, GR, Etc)* 6313' GL 19. Elev. Csgd. 0000'
 20. Total Depth, MD & TVD: 3510' 21. Plug Back TD, MD & TVD: 3467' 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, cemented liner, perforated 3186' to 3240'. 25. Was Directional Survey Made? Yes
 26. Type Electric and Other Logs Run: Mud Log, 6' R-Induction, Density Neutron, CBC. CCL. Tracer Survey 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	323'	12.25"	288 cf of Class B	12 Bbls Circ. Cement
7.000"	23# J-55	3146'	8.75"	850 cf of HOWCO LITE 65/35	
				173 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)
4.50"	2960'	3505'	115 cf Class G	N/A	2.375"	3302'	N/A

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

2 HPF, 0.47" ID

3186' - 3206'

3252' - 3270'

3226' - 3240'

3295' - 3305'

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

Depth Interval (MD)	Amount and Kind of Material Used
3252'-3305'	Stimulated, see attached page.
3186'-3204'	

33. PRODUCTION

Date First Production: Waiting on pipeline Production Method (Flowing, gas lift, pumping-size and type of pump): Pumping Well Status (shut-in): Shut-in

Date of Test: 09-30-89 Hours Tested: 2 Hrs. Choke Size: 200# b.p. Prod'n For Test Period: Oil-Bbl 0.00 Gas-MCF 27 Water-Bbl 3 Gas-Oil Ratio 0.00
 Flow. Tubing Press: 200 psig Casing Pressure: 200 psig Calculated 24 HR Rate: Oil-Bbl Gas-MCF 27 MCFD Water-Bbl 3 BWD Oil Gravity-API
 34. Disposition of Gas (Sold, used for fuel, vented, etc): Vented Test Witnessed by P. Magnum

35. List of Attachments:

FARMINGTON RESOL.

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: 21 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.