

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 200M
b. Type of Completion: new well ☒ work over ___ deepen ___
plug back ___ diff. resvr. ___ other 3000' to 3300'
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 957' FSL, 827' FWL
At total depth

7. Unit Agreement Name: NE Blanco Unit
8. Farm or Lease Name: NE Blanco Unit
9. Well No.: 445
10. Field and Pool, or Wildcat: Basin Fruitland Coal
11. Sec., T., M., or Block and Survey or Area: Sec 25, T31N, R8W
12. County or Parish: San Juan 13. State: NM

15. Date Spudded: 09-16-89 16. Date TD Reached: 02-28-90 17. Date Compl. (ready to produce): 03-07-90 18. Elev. (DF, RKB, RT, GR, Etc)* 6404' KB 19. Elev. Csgd. 6390' GL
20. Total Depth, MD & TVD: 3303' 21. Plug Back TD, MD & TVD: 3303' 22. If Mult. Comp.: How Many* N/A 23. Intervals Drilled By: TD 24. Producing Interval(s), of this completion - Top, Bottom, Name (MD and TVD)*: Fruitland Basin Coals, open hole completion from 3008' to 3303'
25. Was Directional Survey Made? Yes
26. Type Electric and Other Logs Run: Mud Log 27. Was Well Cored? No

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	119'	12.25"	288 cf Class B Neat	20 Bbls Circ. Cement
7.000"	23# K-55	3009'	8.75"	811 cf 65/35 Poz Mix	
				115 cf of Class B Neat	21 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"	2934'	3300'	None	N/A	2.875"	3217'	N/A

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

8 HPF, 0.625"
3122.80-3238.38'; 3260.98'-3297'
5.50" predrilled uncemented liner.

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

Depth Interval (MD)	Amount and Kind of Material Used
3009'-3303'	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 Status (shut-in): Shut-in
Date of Test: 03-08-90 Hours Tested: 1 Hr. Choke Size: 2" pitot Prod'n For Test Period: Oil-Bbl N/A Gas-MCF N/A Oil Ratio N/A
Flow. Tubing Press: N/A psig Casing Pressure: (shut-in) 1500 psig Calculated 24 HR Rate: Oil-Bbl N/A Gas-MCF 4200 MCFD Water-Bbl 570 BWD Oil Gravity-API N/A
34. Disposition of Gas (Sold, used for fuel, vented, etc): Vented
Accepted for Record
MAR 30 1990
Checked By: M. A. Dwimell

35. List of Attachments: NMOCD

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: 22 Mar 90

(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	GEOLOGICAL MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
No Electric Logs run; only a Mud Log through the Fruitland Coal Zones: NEBU# 445 Fruitland:						
	3081'	3082'	Coal Zones	Ojo Alamo	2197' *	
	3126'	3127'		Kirtland	2207' *	
	3156'	3163'		Fruitland	3117' *	
	3168'	3176'		* Projected from Offset Well Logs		
	3187'	3188'				
	3208'	3214'				
	3223'	3225'				
	3269'	3280'				
	3281'	3298'				

RECEIVED
APR 03 1990
OIL CON. DIV. 1
DIST. 3