

WELL API NO.: 30-039-24321

5. Indicate Type of Lease:
State: X Fee:

6. State Oil & Gas Lease No.:
E-289-23

7. Lease Name or Unit Agreement
Name:
Northeast Blanco Unit

8. Well No.: 417

9. Pool Name or Wildcat:
Basin Fruitland Coal

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. Well Location:
Unit Letter: **W**: 1190 Feet From The South Line and 800 Feet From The West Line
Section 2 Township 30N Range 70E NMPM Rio Arriba County

10. Date Spudded: 10-18-89 11. Date TD Reached: 11-07-89 12. Date Compl. (ready to produce): 11-15-89 13. Elev. (DF, RKB, RT, GR, Etc)* 6333' UG 14. Elev. Csgd.

15. Total Depth: 3247' 16. Plug Back TD: 3247' 17. If Mult. Comp.: How Many Zones? 18. Intervals Drilled By: 19. Producing Interval(s), of this completion - Top, Bottom, Name: Fruitland Basin Coal, open hole completion from 3026' to 3247' 20. Was Directional Survey Made? Yes

21. Type Electric and Other Logs Run:
Mud Log 22. Was Well Cored? No

23. CASING RECORD (Report all strings set in well)

Casing Size	Weight, LB/FT	Depth Set	Hole Size	Cementing Record	Amount Pulled
9.625"	J-55	308'	12.25"	287 cf of Class B	21 Bbls of Circ. Cement
7.000"	K-55	2899'	8.75"	797 cf of Class G 65/35	POZ
				147 cf of Class G Neat	

24. LINER RECORD

Size	Top	Bottom	Sacks Cement	Screen	Size	Depth Set	Packer Set
5.50"	2817'	3247'	None	N/A	2.875"	3052'	N/A

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

Open hole completion with a pre-perforated uncemented liner.

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

Depth Interval	Amount and Kind of Material Used
3026' - 3247'	Natural stress relieved the coal zones.

28. PRODUCTION

Date First Production: Waiting on pipeline	Production Method (Flowing, gas lift, pumping-size and type of pump): Flowing during completion operations, wet gauge.					Well Status (shut-in): Shut-in	
Date of Test: 11-15-89	Hours Tested: 2 hr.	Choke Size: 3/4"	Prod'n For Test Period:	Oil-Bbl N/A	Gas-MCF N/A	Water-Bbl N/A	Gas-Oil Ratio N/A
Flow. Tubing Press: 650 psig	Casing Pressure: Shut-in 1235 psig	Calculated 24 HR Rate:	Oil-Bbl N/A	Gas-MCF 10,126 MCFD	Water-Bbl 288	Oil Gravity-API N/A	

29. Disposition of Gas (Sold, used for fuel, vented, etc): Vented Test Witnessed By: M. Dwinell

30. List of Attachments:

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

Signed: William F. Clark William F. Clark Title: Operations Manager Date: 2 Feb '90

RECEIVED
FEB 06 1990
OIL CON. DIV.
DIST. 3

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southwestern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canton	T. Ojo Alamo	T. Penn B
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn C
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn D
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn A	T.

OIL OR GAS SANDS OR ZONES

No. 1, fromto.....
 No. 2, fromto.....
 No. 3, fromto.....
 No. 4, fromto.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, fromto..... feet
 No. 2, fromto..... feet
 No. 3, fromto..... feet

LITHOLOGY RECORD(Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness in Feet	Lithology
No Electric Logs run; only a Mud Log through the Fruitland Coal Zones:							Ojo Alamo 2170' *
Coal Zones:							Kirtland 2290' *
3026'	3028'						Fruitland 2920' *
3032'	3034'						* Inferred from offset Well Logs.
3089'	3109'						
3116'	3125'						
3196'	3197'						
3200'	3204'						
3236'	3242'						
3243'	3246'						