

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit in Duplicate*

5. Lease Designation & Serial #: SF 078-988

6. If Indian, Allottee/Tribe Name

WELL COMPLETION OR RECOMPLETION AND LOG *

1a. Type of Well: oil well ___ gas well X dry ___ other dry
b. Type of Completion: new well X work over ___ deeper dry
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

1530' FNL, 1895' FEL

At total depth

Permit No.: 30-045-27510

7. Unit Agreement Name:
Northeast Blanco Unit

8. Farm or Lease Name:
Northeast Blanco Unit

9. Well No.:
436

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

11. Sec., T., M., or Block and
Survey or Area:
Sec. 19, T31N, R6W

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

15. Date Spudded: 11-27-89
16. Date TD Reached: 12-29-89
17. Date Compl. (ready to produce): 01-03-90
18. Elev. (DF, RKB, RT, GR, Etc)* 6338' UG GL
19. Elev. Csgd. 0000'

20. Total Depth, MD & TVD: 3284'
21. Plug Back TD, MD & TVD: 3284'
22. If Mult. Comp.: How Many* N/A
23. Intervals Drilled By:
24. Producing Interval(s), of this completion - Top, Bottom, Name (MD and TVD)*:
Fruitland Basin Coals, open hole completion from 3010' to 3284'

25. Was Directional Survey Made?
Yes

26. Type Electric and Other Logs Run:
Mud Log, GR-Density & Neutron
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	318'	12.25"	295 cf of Class B	16 Bbls Circ. Cement
7.000"	23# L-80	2989'	8.75"	797 cf of HOWCO LITE	
				147 cf of Class B Neat	46 Bbls Circ. Cement

LINER RECORD

Size	Top (MD)	Bottom (MD)	Sacks Cmt*	Screen (MD)
None				

TUBING RECORD

Size	Depth Set (MD)	Packer Set (MD)
2.375"	2971'	N/A

31. Perforation Record (Interval, size, type of pump):

Open Hole - No Liner

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

Depth Interval (MD) Amount and Kind of Material Used
3010' - 3284' Natural, stress relieved the coal zones.

33. PRODUCTION

Date First Production: Waiting on pipeline
Production Method (Flowing, gas lift, pumping-size and type of pump): Flowing during completion operation, dry gauge
Well Status (shut-in): Accepted For Record
Date of Test: 01-03-90
Hours Tested: 3 Hrs.
Choke Size: 2" pitot
Prod'n For Test Period:
Flow. Tubing Press: N/A
Casing Pressure: SI- 1525 psig
Calculated 24 HR Rate:
Oil-Bbl N/A
Gas-MCF N/A
Water-Bbl N/A
Gas-Oil Ratio N/A
Oil-Bbl N/A
Gas-MCF 421 MCFD
Water-Bbl 57 BWD
Oil Gravity-API N/A

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

Test Checked by J. Bowdin
Mineral Resources
Farmington Resource Area

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 Title: Operations Manager Date: 6 Feb 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):	38. GEOLOGICAL MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC
No Electric Logs run;			NEBU# 436
Fruitland Coal Zones:	3010'	3013'	
	3021'	3030'	
	3053'	3060'	
	3123'	3129'	
	3143'	3145'	
	3159'	3167'	
	3204'	3205'	
	3206'	3207'	
	3260'	3262'	
	3266'	3269'	
	3273'	3276'	
Ojo Alamo			2267' *
Kirtland			2392' *
Fruitland			2872' *
* Inferred from offset Well Logs			