

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Submit in Duplicate*

5. Lease Designation & Serial #: SF-079003

6. If Indian, Allottee/Tribe Name

WELL COMPLETION OR RECOMPLETION AND LOG *

1a. Type of Well: oil well ___ gas well X dry ___ other ___
b. Type of Completion: new well X 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. Location of Well: (Report location clearly, in accordance with any State requirements)*

At surface

At top prod. interval reported below

1200' FSL, 840' FWL

At total depth

Permit No.: 30-045-27568

7. Unit Agreement Name:
Northeast Blanco Unit

8. Farm or Lease Name:
Northeast Blanco Unit

9. Well No.:
476

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

11. Sec., T., M., or Block and
Survey or Area:
Sec. 22, T3N, R7W

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

15. Date Spudded: 2-3-90
16. Date TD Reached: 5-11-90
17. Date Compl. (ready to produce): 5-22-90
18. Elev. (DF, RKB, RT, GR, Etc)* 6464' KB
19. Elev. Csgd. 6450' GL

20. Total Depth, MD & TVD: 3376'
21. Plug Back TD, MD & TVD: 3376'
22. If Mult. Comp.: How Many* N/A
23. Intervals Drilled By: 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 3035' to 3376'
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"	36# J-55	299'	12.25"	295 cf of Class B Neat	20 Bbls Circ. Cement
7.000"	23# L-80	3035'	8.75"	748 cf 65/35 Poz Mix	
				148 cf of Class B	19 Bbls Circ. Cement

LINER RECORD

TUBING RECORD

Size	Top (MD)	Bottom (MD)	Sacks Cmt*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
5.500"	2975'	3375'	None	N/A	2.875"	3161'	N/A

31. Perforation Record (Interval, size and number)
5.5" Uncemented Pre-perfed Liner
3070-3111'; 3134-3154';
3157-3195'; 3198-3239'
(8 HPF, 0.625)
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Depth Interval (MD) Amount and Kind of Material Used
3035' - 3376' 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, wet gauge
Well Status (shut-in): Shut-in

Date of Test: 5-23-90
Hours Tested: 1 Hr.
Choke Size: 3/4" choke
Prod'n For Test Period: N/A
Oil-Bbl N/A
Gas-MCF N/A
Water-Bbl N/A
Gas-Oil Ratio N/A

Flow. Tubing Press: 1500
Casing Pressure: 1510
Calculated 24 HR Rate: N/A
Oil-Bbl N/A
Gas-MCF 4,476 MCFD
Water-Bbl 598 BWD
Gas-Oil Ratio N/A

34. Disposition of Gas (Sold, used for fuel, vented, etc): Vented
Test Conducted by: M. Duinell

35. List of Attachments: FARMINGTON RESOURCE AREA

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Signed: Roy W. Williams Title: Administrative Manager Date: 8/16/90

(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.

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# 476			
Fruitland Coal Zones:	3072'	3079'	
	3093'	3096'	
	3141'	3144'	
	3169'	3173'	
	3175'	3182'	
	3184'	3197'	
	3199'	3202'	
	3211'	3212'	
	3221'	3225'	
	3240'	3241'	

38. GEOLOGICAL MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPT
PC Tongue	3242'	
Main PC	3373'	

Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

I.

Name of Operator:	Blackwood & Nichols Co., Ltd.	Well API No.:	30-045-27568
Address of Operator:	P.O. Box 1237, Durango, Colorado 81302-1237		
Reason(s) for Filing (check proper area):	Other (please explain) _____		
New well: X	Change in Transporter of:		
Recompletion:	Oil:	Dry Gas:	
Change in Operator:	Casinghead Gas:	Condensate:	
If change of operator give name and address of previous operator: _____			

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AUG 22 1990

OIL CON. DIV.
DIST. 3

II. DESCRIPTION OF WELL AND LEASE

Lease Name:	Well No.:	Pool Name, Including Formation:	Kind Of Lease	Lease No.
Northeast Blanco Unit	476	Basin Fruitland Coal	State, Federal Or Fee:	SF-079003

LOCATION

Unit Letter: M; 1200 ft. from the South line and 840 ft. from the West line

Section: 22 Township: 31N Range: 7W, NMPM, County: San Juan

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil: or Condensate: X	Address (Give address to send approved copy of this form.)						
Giant Transportation	P.O. Box 12999, Scottsdale, AZ 85267						
Name of Authorized Trnspr of Casinghead Gas: or Dry Gas: X	Address (Give address to send approved copy of this form.)						
Blackwood & Nichols Co., Ltd.	P. O. Box 1237, Durango, CO. 81302						
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	No	When?
	M	22	31N	7W			10/90
If this production is commingled with that from any other lease or pool, give commingling order number: _____							

IV. COMPLETION DATA

Designate Type of Completion (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
		X	X					
Date Spudded: 2-3-90	Date Compl. Ready to Prod.: 5-22-90				Total Depth: 3376'	P.B.T.D.: 3376'		
Elevations (DF, RKB, RT, GR, etc): 6464 RKB	Name of Producing Formations: Fruitland Coal				Top Oil/Gas Pay: 3035'	Tubing Depth: 3161'		
Perforations: 3070-3111'; 3134-3154'; 3157-3195'; 3198-3239 (8 HPF, 0.625)					Depth Casing Shoe: 5" @ 3375'	7" @ 3035'		

TUBING CASING AND CEMENTING RECORD

MOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12.25"	9.625"	299'	295 cf Class B
8.75"	7.000"	3035'	748 cf 65/35 P02/147 cf Class G
6.25"	5.500" Liner	2975 - 3375	Uncemented
	2.875"	3161'	

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank:	Date of Test:	Producing Method: (Flow, pump, gas, lift, etc)	
Length of Test:	Tubing Pressure:	Casing Pressure:	Choke Size:
Actual Prod. Test:	Oil-Bbls.:	Water - Bbls.:	Gas-MCF:

GAS WELL To be tested; completion gauges: 4476 MCFD (wet 3/4" choke)

Actual Prod. Test - MCFD: 4476 MCFD (wet)	Length of Test: 1 hr.	Bbls. Condensate/HMCF: N/A	Gravity of Condensate: N/A
Testing Method: Completion Gauge	Tubing Pressure: (shut-in) 1500 psig	Casing Pressure: (shut-in) 1510 psig	Choke Size: 3/4" choke

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

R.W. Williams
Signature

Roy Williams

Title: Administrative Manager

Date: 8/20/90

Telephone No.: (303) 247-0728

OIL CONSERVATION DIVISION

SEP 11 1990

Date Approved

By

Title

SUPERVISOR DISTRICT #3

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out Sections I, II, III and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.