

State of New Mexico

Form C-105
Revised 1-1-89

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
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

CON. DIV.
DIST. 3

WELL API NO.
30-045-27223

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E-178-1

7. Lease Name or Unit Agreement Name

Northeast Blanco Unit

8. Well No.
448

9. Pool name or Wildcat

Basin Fruitland Coal

WELL COMPLETION OR RECOMPLETION REPORT 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 G: 1515' Feet From The North Line and 1340' Feet From The East Line
Section 32 Township 31N Range 7W NMPM San Juan County

10. Date Spudded 10-30-89
11. Date T.D. Reached 11-05-89
12. Date Compl. (Ready to Prod.) 11-12-89
13. Elevations (DF & RKB, RT, GR, etc.) 6373'
14. Elev. Casinghead

15. Total Depth 3266'
16. Plug Back T.D. 3266'
17. If Multiple Compl. How Many Zones? N/A
18. Intervals Drilled By TD
Rotary Tools
Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
Basin Fruitland Coal, open hole completion from 2961' to 3266'
20. Was Directional Survey Made Yes

1. Type Electric and Other Logs Run
Mud Log
22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9.625"	36# J-55	325'	12.25"	288 cf Class B	N/A
7.000"	23# K-55	2961'	8.75"	710 cf Class B 65/35/6	N/A
				144 cf Class B Neat	N/A

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5.5"	2894'	3265'	None	N/A	2.875"	3166'	N/A

26. Perforation record (interval, size, and number)

8 HPF, 5/8"
2944'-2986' 3109-3168
3028'-3070' 3245-3263

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2961' to	Natural stress relieved
3266'	the coal zones.

PRODUCTION

28. Date First Production W/O pipeline
Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing during completion operation, wet gauge.
Well Status (Prod. or Shut-in) Shut-in
Date of Test 11-08-89
Hours Tested 1 Hr.
Choke Size 2" pitot
Prod'n For Test Period
Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio
Flow Tubing Press. N/A
Casing Pressure N/A
Calculated 24-Hour Rate
Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API - (Corr.)
3000 MCFD 360 BWD

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

Test Witnessed By
Jack Bowden

30. List 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

Printed

Operations Manager Date

19 Dec '89

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the 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

Southeastern New Mexico

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinberry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	T. _____
T. Wolfcamp _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	No. 3, from.....to.....
No. 2, from.....to.....	No. 4, from.....to.....

IMPORTANT WATER SANDS

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

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
No Electric Log run; only a Mud Log through the Fruitland Coal Zones:							
Fruitland Coal Zones:							
3044	3047						Ojo Alamo 2215' *
3056	3072						Kirtland 2310' *
3124	3140						Fruitland 3000' *
3145	3146						* Inferred from offset Well Logs.
3159	3171						
3247	3261						
3263	3266						