

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

MAR 2 0 1989

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.
30-039-24326

5. Indicate Type of Lease
STATE ☒ FEE ☐

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

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, CO 81302-1237

4. Well Location
Unit Letter N : 1140 Feet From The South Line and 1330 Feet From The West Line
Section 16 Township 30N Range 7W NMPM Rio Arriba County

10. Date Spudded 11-21-88
11. Date T.D. Reached 11-26-88
12. Date Compl. (Ready to Prod.) 12-14-88
13. Elevations (DF & RKB, RT, GR, etc.) 6245' UGL
14. Elev. Casinghead 6245'

15. Total Depth 3400'
16. Plug Back T.D. 3356'
17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By Rotary Tools Yes Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 3022' - 3129'; Coal
20. Was Directional Survey Made No

21. Type Electric and Other Logs Run Gamma Ray-Induction, Density, Neutron, VDL-CBL-CCL, Tracer
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
9-5/8"	36.0	313'	12-1/4"	207 cf Class B neat	None
5-1/2"	17.0	3397'	7-7/8"	182 cf Class G 50/50 Poz mix	
				832 cf Class G	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
None					2-7/8"	3180' KB
						PACKER SET
						No

26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
3022-3042'; 3042-3048'; 3062-3072'; 3072-3079'; 3092-3102'; 3102-3107'; 3121-3129'; .48"; 264 total holes		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		3022-3129'	117,000 gal. 30# X-link Borate
			50,000# 40/70 sand
			280,000# 12/20 Brady sand

28. PRODUCTION									
Date First Production			Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
12-14-88			16/64" - 36/64" Flowing					SI-waiting on connec	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio		
1-11-89	24			0	541	621			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)			
290 Stab.	150 psi 805 psi		0	541	621	-			
29. Disposition of Gas (Sold, used for fuel, vented, etc.)							Test Witnessed By		
vented									

30. List Attachments

none

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 Name William F. Clark

Title Operations Mngr Date 3-13-89

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. Blinbry _____ 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 2143' T. Penn. "B" _____
 T. Kirtland-Fruitland 2251' T. Penn. "C" _____
 T. Pictured Cliffs 3147' 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 3022' to 3129' O.A. _____ 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 None 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
2143'	2251'	108	Ojo Alamo				
2251'	2822'	571	Kirtland				
2822'	3146'	324	Fruitland				
3146'	3275'	129	Pictured Cliffs				
3275'	TD	125	Lewis				

RECEIVED
 MAR 20 1989
 OIL CON. DIV
 DIST. 3