

Santa Fe, New Mexico

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Blackwood & Nichols Company
(Company or Operator)

Northeast Blance Unit
(Lean)

Well No. **40-32**, in **S2** 1/4 of **E2** 1/4, of Sec. **32**, T. **31N**, R. **7W**, NMPM.

Flora Nevada

Pool _____

County

Well is 1650 feet from North line and 990' feet from East line

of Section 32 If State Land the Oil and Gas Lease No. is 2-172-1

Drilling Commenced.....**July 6**....., 19..**56**.. Drilling was Completed.....**July 28**....., 19..**57**..

Name of Drilling Contractor **George Holand Drilling Co. to 7-5/8" Csg Ph; E. B. Lynn Drilling Corp.**

Address **623 S. Detroit, Tulsa 20, Oklahoma; P. O. Box 1045, Farmington, New Mexico, respectively**

Elevation above sea level at Top of Tubing Head..... **6363' (GL)**..... The information given is to be kept confidential until

....., 19.....

No. 1, from 2900' to 3260' (4) No. 4, from 5220' to 5510' (4)

No. 2, from 3260' to 3490' (6) No. 5, from 5510' to 5790' (6)

No. 3, from 5170' to 5220' (a) No. 6, from _____ to _____

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.

No. 4, from.....to.....feet.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10-3/4"	32.75	New	154'	Tonne Pnd	--	-----	Surface
7-5/8"	26.40	New	3507'	Flask	--	-----	Intermediate
5-1/2"	15.50	New	9718'	Milling	--	5170' - 5600'	Production
2-3/8"	4.7	New	6991'	--	--	-----	Tubing

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	10-3/4"	170'	200	Pump & Plug	Water	Cement circulated
9-7/8"	7-5/8"	3221'	225	" "		
6-3/4"	5-1/2"	3730'	150	" "		Top cement 3270'

(Record the Process used, No. of Qts. or Gals. used, interval treated or sh.)

Perforated the Cliffhouse, Mammoth & Point Lookout zones thru 5-1/2" casing at various intervals, with 2 15/32" holes per foot and sand-water fraced in 2 stages: 1st stage - 5508'-5490' - with 60,400 gal of water (incl. flush) & 40,000 lbs of sand; 2nd stage - 5470'-5446' - with 48,300 gal of water (incl. flush) & 30,000 lbs of sand.

Result of Production Stimulation. On 8/8/57, calculated absolute potential was 9.629 MUPPS. Rate of flow thru 3/4" choke after 3 hours was 4.146 MUPPS.

Depth Cleaned Out.....**5718!**

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0' feet to 5730' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing Not connected August 15, 19 57

OIL WELL: The production during the first 24 hours was barrels of liquid of which was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity

GAS WELL: The production during the first 24 hours was 9,620 (ACT) M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure 1105 lbs.

Length of Time Shut in 11 days

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy			T. Devonian		T. Ojo Alamo 2305'
T. Salt			T. Silurian		T. Kirtland-Fruitland 2550'
B. Salt			T. Montoya		T. Farmington
T. Yates			T. Simpson		T. Pictured Cliffs 3260'
T. 7 Rivers			T. McKee		T. Menefee 3220'
T. Queen			T. Ellenburger		T. Point Lookout 3510'
T. Grayburg			T. Gr. Wash		T. Mancos 3700'
T. San Andres			T. Granite		T. Dakota
T. Glorieta			T.		T. Morrison
T. Drinkard			T.		T. Penn.
T. Tubbs			T.		T.
T. Abo			T.		T.
T. Penn.			T.		T.
T. Miss.			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	1270'	1270	San Jose				
1270'	2305'	1035	Anima				
2305'	2550'	245	Ojo Alamo SS				
2550'	2980'	430	Kirtland				
2980'	3260'	280	Fruitland SS				
3260'	3490'	230	Pictured Cliffs SS				
3490'	5170'	1680	Lewis Shale				
5170'	5220'	50	Massive Cliffhouse SS				
5220'	5510'	290	Menefee Shale				
5510'	5700'	190	Point Lookout SS				
5700'	-		Mancos Shale				

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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Operator	1	
Santa Fe	1	
Proration Office		
State Land Office	1	
U. S. G. S.	2	
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File	1	✓

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

August 15, 1957

(Date)

Company or Operator Blackwood & Nichols Company

Address P. O. Box 1237, Durango, Colorado

Original Signed

Name by Delasso Lees

Position or Title Field Superintendent