

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 079082

LEASE OR PERMIT TO PROSPECT

NE Blanco Unit Agrmt #1 Sec 929

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

Company Blackwood & Nichols Company Address P. O. Box 611, Durango, Colorado

Lessor or Tract Tract 16A Field Blanco State New Mexico

Well No. 12-18 Sec. 18 T. 30N R. 7W Meridian NM Principal County San Juan

Location 2500 ft. Ex of N Line and 2500 ft. Ex of E Line of Sec 18 Elevation 6295
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed He Nassi Loos

Date October 19, 1953

Title Field Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling August 29, 1953 Finished drilling October 26, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2900' to 3305' (G) No. 4, from 5090' to 5410' (G)

No. 2, from 3305' to 3400' (G) No. 5, from 5410' to 5540' (G)

No. 3, from 4995' to 5090' (G) No. 6, from 5090' to 5185'

IMPORTANT WATER SANDS

IMPORTANT WATER SANDS

No. 1, from None to 1 No. 3, from 1 to 1

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
0-3/4"	225'	200	Pump & plug	Water	Circulated
7"	5001'	500	Pump & plug	Water	Water

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Leaving plug		Material		Length		Depth set	
Adapters—Material				Size			
SHOOTING RECORD							
Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out	
4 qts/ft	5½"	Nitroglycerine	1586 qts	10-6-53	5544'	5544'	
TOOLS USED							
Rotary tools were used from 0' feet to 5544' feet, and from _____ feet to _____ feet							
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet							
DATES							
Comp. 10-7, 1953				Put to producing Not connected, 19____			
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment.				Gravity, °Bé. _____			
If gas well, cu. ft. per 24 hours 5450 MCF				Gallons gasoline per 1,000 cu. ft. of gas _____			
Rock pressure, lbs. per sq. in. 1069 PSI							
EMPLOYEES							
_____, Driller				_____, Driller			
_____, Driller				_____, Driller			
FORMATION RECORD							
FROM—	TO—	TOTAL FEET	FORMATION				
0'	900'	900'	San Jose Formation				
900'	2105'	1205'	Animas Formation				
2105'	2250'	145'	Alamo Sandstone				
2250'	2900'	650'	Kirtland				
2900'	3305'	405'	Fruitland				
3305'	3455'	150'	Pictured Cliffs				
3455'	4995'	1540'	Lewis Shale				
4995'	5090'	95'	Cliffhouse				
5090'	5410'	320'	Menefee				
5410'	5544'	134'	Point Lookout				
FROM—	TO—	TOTAL FEET	(over)	FORMATION			

FORMATION RECORD—Continued