

A 10x10 grid with a small 'x' mark in the 4th column and 7th row.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
070001

LEASE OR PERMIT TO PROSPECT
Unit Agreement No. 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PRIOR
AUG 26 1954
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. H.

LOG OF OIL OR GAS WELL

Company Blackwood & Nichols Company Address P.O. Box 1237, Durango, Colorado
 Lessor or Tract 6-A Field Blanco Mesaverde State New Mexico
 Well No. 16-3 Sec. 3 T. 30N R. 7W Meridian NMPM County Rio Arriba
 Location 990 ft XX of N Line and 000 ft XX of E Line of Section 3 Township 6277

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.

records. ① 1900-1901 DE LASO 1025

Date **August 25, 1954** Title **Field Superintendent**

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

Commenced drilling June 11 1954 Finished drilling July 18 1954

WATER-GAS SANDS OR ZONES

SAS SANDS C

(Denote gas by G)

No. 1, from <u>2820'</u> to <u>3150'</u>	No. 4, from <u>5125'</u> to <u>5425'</u>
No. 2, from <u>3150'</u> to <u>3400'</u>	No. 5, from <u>5425'</u> to <u>5520'</u>
No. 3, from <u>5095'</u> to <u>5125'</u>	No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To—	
10-3/4	32.75	8rd	Nat'l	216'	Guide	- -	- -	- -	Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	229'	200	Pump & plug	Water	Circulated cement.
7"	5094'	175 sz 4 1/2 gal w/44 sz Strata-Crete followed by 75 sz neat cement	Pump & plug	Water	Water

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0' feet to 523' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Comp: 7-20, 1954	Put to producing Not connected , 19
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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 2864 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1107 PSI**

EMPLOYEES

EMPLOYEES

_____	Driller	_____	Driller
_____	Driller	_____	Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0'	1915'	1915'	Tertiary
1915'	2005'	90'	Ojo Alamo
2005'	2820'	815'	Kirtland
2820'	3150'	330	Fruitland
3150'	3400'	250	Pictured Cliffs
3400'	5095'	1695	Lewis Shale
5095'	5125'	30	Cliffhouse
5125'	5425'	300	Manefee
5425'	5520'	95	Point Lookout
5520'	5575'	- 5	Mancos Shale