

U. S. LAND OFFICE Santa FeSERIAL NUMBER 079045

LEASE OR PERMIT TO PROSPECT

Blanco Unit Agrmt No. 1 Sec 929

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Blackwood & Nichols Company Address P.O. Box 1237, Durango, Colorado
Lessor or Tract Tract 11 Field Blanco State New Mexico
Well No. 2-20 Sec. 20 T. 31N R. 7W Meridian NMPM County San Juan
Location 990 ft. ^[N.] of X Line and 1650 ft. ^[E.] of W Line of Section 20 Elevation 6427'
(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 De Lasso Loos DE LASSO LOOSDate June 16, 1954Title Field Superintendent

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

Commenced drilling November 17, 1952 Finished drilling June 5, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3050' to 3190' (G) No. 4, from 5305' to 5625' (G)
No. 2, from 3190' to 3365' (G) No. 5, from 5625' to 5715' (G)
No. 3, from 5255' to 5305' (G) 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	8 rd	Natl	292'	Guide	In well	None		Surface Production
7"	23.4	8 rd	Natl	5065'	Float	In well	None		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	301'	175	Pump & plug	Water	Circulated
7"	5075'	200 w/1# Floccs/sk	Pump & plug	Water	

PLUGS AND ADAPTERS

Heaving 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	5"	SNO	1365 qts	6-2-54	5730'	5730'

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

DATES

June, 1954 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 1236 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

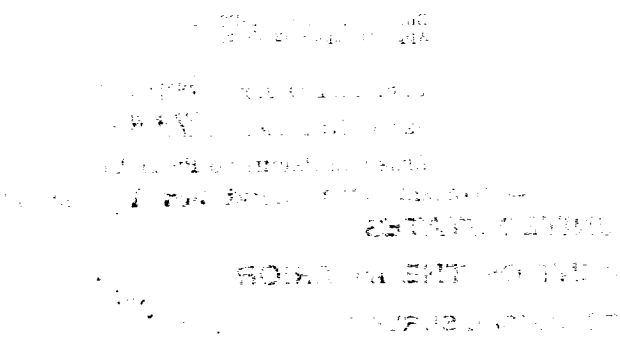
Rock pressure, lbs. per sq. in. 788 PSI

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	860'	860	Tertiary
860'	2240'	1380	Animas
2240'	2340'	100	Ojo Alamo
2340'	3050'	710	Kirtland
3050'	3190'	140	Fruitland
3190'	3315'	125	Pictured Cliffs
3315'	5255'	1940	Lewis Shale
5255'	5305'	50	Cliffhouse
5305'	5625'	320	Mansfee
5625'	5715'	90	Point Lookout
5715'	5730'	15	Mancos Shale



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FORMATION RECORD—Continued