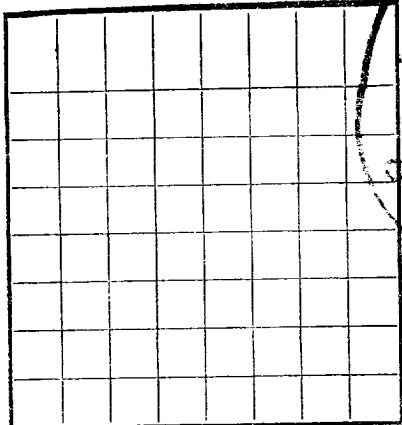




U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 078988

LEASE OR PERMIT TO PROSPECT _____

N E 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
~~Lease~~ Tract 5 Field Blanco Mesaverde State New Mexico
Well No. 61-19 Sec. 19 T. 31N R. 6W Meridian NMPM County San Juan
Location 1690 ft. XXX of N Line and 1790 ft. XXX of E Line of Section 19 Elevation 6320'
(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.

Original Signed _____
Released Signed DeLasso Loos

Date June 30, 1961 Title Field Superintendent

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

Commenced drilling June 4, 1961 Finished drilling June 19, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2870' to 3155' (G) No. 4, from 5310' to 5545' (G)
No. 2, from 3155' to 3420' (G) No. 5, from 5545' to 5775' (G)
No. 3, from 5204' to 5310' (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ 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	CE&I	186'	Tex Pat	---	---	---	Surface
7-5/8"	26.40	8rd	CE&I	3447'	Float	---	---	---	Intermediate
5-1/2"	15.50	8rd	CE&I	5800'	Guide	---	5204'	5756'	Production
2-3/8"	4.7	8rd EUE	CE&I	5795'	---	---	---	---	Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	202'	225	Pump & Plug	Water	Cement Circulated
7-5/8"	3462'	350	" "		Top cement 1335'
5-1/2"	5814'	200	" "		Top cement 3000'

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
Sand-water fraced the Mesaverde Group through casing perforations.						

TOOLS USED

Rotary tools were used from 0 feet to 5820' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 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 3864 MCF(AOF) Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1174

Rate of flow thru 3/4" choke after EMPLOYEES

3 hours was 3036 MCFPD _____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	1000'	1000	San Jose
1000'	2265'	1265	Animas
2265'	2390'	125	Ojo Alamo ss
2390'	2870'	480	Kirtland
2870'	3155'	285	Fruitland ss
3155'	3420'	265	Pictured Cliffs ss
3420'	5204'	1784	Lewis Shale
5204'	5310'	106	Cliffhouse ss
5310'	5545'	235	Menefee Shale
5545'	5775'	230	Point Lookout ss
5775'	-		Mancos Shale

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