



**RECEIVED**  
NOV 13 1957  
U.S. LAND OFFICE  
FARM

U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 080557  
LEASE OR PERMIT TO PROSPECT  
N. E. Blanco Unit Agreement 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  
~~Lesso~~ Tract 18 Field Blanco Mesaverde State New Mexico  
Well No. 42-19 Sec. 19 T. 31N R. 7W Meridian NMPM County San Juan  
Location 790 ft. N. of 3 Line and 1230 ft. E. of 3 Line of Section 19 Elevation 6340'  
(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 by DeLasso Loos  
Signed DeLasso Loos

Date November 14, 1957 Title Field Superintendent

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

Commenced drilling September 18, 1957 Finished drilling October 13, 1957

**OIL OR GAS SANDS OR ZONES**  
(Denote gas by G)

No. 1, from 2935' to 3165' (G) No. 4, from 5275' to 5570' (G)  
No. 2, from 3165' to 3575' (G) No. 5, from 5570' to 5735' (G)  
No. 3, from 5220' to 5275' (G) No. 6, from \_\_\_\_\_

**IMPORTANT WATER SANDS**

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_

**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	Lone Star	159'	Tex. Pat.				Surface
7-5/8	26.40	8rd	CPSI	3962'	Flow				Intermediate
5-1/2	15.50	8rd	CPSI	5286'	Flow				Production
2-3/8	14.7	8rd	CPSI	5623'	Flow				Tubing

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	174'	300	Pump & Plug	Water	Cement circulated
7-5/8	3575'	225	"	"	"
5-1/2	5797'	150	"	"	Top cement at 3990'

**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 thru casing perforations.						

**TOOLS USED**

Rotary tools were used from 0 feet to 5800 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

\_\_\_\_\_, 19\_\_\_\_ 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 2,002 MCF (AOF) Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rate of flow thru 3/4" choke after 3 hours was 4,000 MCFPD.

Rock pressure, lbs. per sq. in. 1124

**EMPLOYEES**

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
0'	1250'	1250	San Jose
1250'	2155'	905	Anias
2155'	2260'	105	Ojo Alamo SS
2260'	2935'	675	Kirtland
2935'	3165'	230	Fruitland SS
3165'	3575'	410	Pictured Cliffs SS
3575'	5220'	1645	Lewis Shale
5220'	5275'	55	Massive Cliffhouse SS
5275'	5570'	295	Menefee Shale
5570'	5735'	165	Point Lookout SS
5735'	—	—	Mancos Shale

