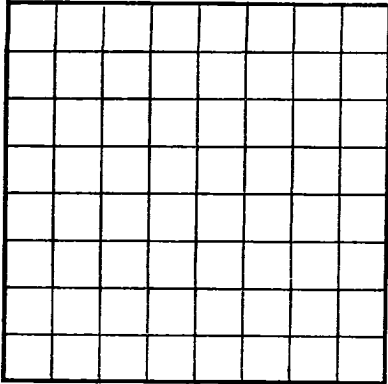


U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT  
NE Blanco Unit Agmt #1 Sec 929

*SF Number  
is correct  
Santa Fe*



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Blackwood & Nichols Company Address PO Box 611, Durango, Colorado  
Lessor or Tract Tract 17 Field Blanco State New Mexico  
Well No. 5-131 Sec. 13 T. 30N R. 8W Meridian 111 Principal County San Juan  
Location 1190 ft. N. of S Line and 1100 ft. E. of W Line of Sec 13 Elevation 6099'  
(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 Gooz Low  
Date August 17, 1953 Title Field Superintendent

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

Commenced drilling June 12, 19 53 Finished drilling July 7, 19 53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2705' to 2922' (G) No. 4, from 4810' to 5190' (G)  
No. 2, from 2922' to 3165' (G) No. 5, from 5190' to 5305' (G)  
No. 3, from 4532' to 4810' (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—	
<u>10-3/4" 32.75</u>		<u>8 rd</u>	<u>Nat'l</u>	<u>204'</u>	<u>Guide</u>	<u>in well</u>	<u>None</u>	<u>None</u>	<u>Surface</u>
<u>7"</u>	<u>28.85</u>	<u>8 rd</u>	<u>Nat'l</u>	<u>4686'</u>	<u>Guide</u>	<u>in well</u>	<u>None</u>	<u>None</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4"</u>	<u>204'</u>	<u>150 (Circulated)</u>	<u>Pump &amp; Plug</u>	<u>Water</u>	<u>Circulated</u>
<u>7"</u>	<u>4686'</u>	<u>400 (2860' top cement)</u>	<u>Pump &amp; Plug</u>	<u>Water</u>	<u>Water</u>

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
		<u>Nitroglycerine</u>	<u>1560 qts</u>	<u>7-8-53</u>	<u>4771'-5357'</u>	<u>5357'</u>

TOOLS USED

Rotary tools were used from 0 feet to 5357 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

Completed 7-14-, 19 53 Put to producing Shut in. Awaiting connection.

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 3942 MCF Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 1402 (SICP)

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0'</u>	<u>1995'</u>	<u>1995'</u>	<u>Tertiary</u>
<u>1995'</u>	<u>2705'</u>	<u>710'</u>	<u>Kirtland</u>
<u>2705'</u>	<u>2922'</u>	<u>217'</u>	<u>Fruitland</u>
<u>2922'</u>	<u>3165'</u>	<u>243'</u>	<u>Pictured Cliffs</u>
<u>3165'</u>	<u>4532'</u>	<u>1367'</u>	<u>Lewis</u>
<u>4532'</u>	<u>4810'</u>	<u>278'</u>	<u>Cliffhouse</u>
<u>4810'</u>	<u>5190'</u>	<u>380'</u>	<u>Manatee</u>
<u>5190'</u>	<u>5305'</u>	<u>115'</u>	<u>Point Lookout</u>
<u>5305'</u>	<u>5359' (TD)</u>	<u>54'</u>	<u>Manatee</u>

FOLD | MARK

