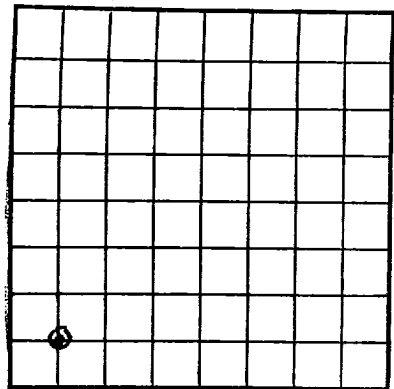


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 676919
LEASE OR PERMIT TO PROSPECT _____

RECEIVED
FEB 17 1953
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company Morris Miel, et al Address 905 Kennedy Bldg.-Tulsa, Okla.
Lessor or Tract None Field Blanco Mts. State New Mexico
Well No. 1 Sec. 3 T. 29N R. 7W Meridian NM County Rio Arriba
Location 660 ft. {N} of S Line and 660 ft. {E} of W Line of Section 3 Elevation 6262'
(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 James Woodard
Date February 17, 1953 Title Agent in Farmington

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

Commenced drilling December 14, 1952, 19____ Finished drilling February 5, 19 53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1850' (G) to 5293' (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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	
<u>10-3/4"</u>	<u>47.5</u>	<u>8</u>	<u>Howco</u>	<u>161'</u>	<u>Howco</u>	<u>Surface</u>	<u>5293'</u>	<u>5293'</u>	<u>Production</u>
<u>7"</u>	<u>47.5</u>	<u>8</u>	<u>Howco</u>	<u>185'</u>	<u>Howco</u>	<u>5293'</u>	<u>5293'</u>	<u>5293'</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>161'</u>	<u>150</u>	<u>Howco</u>		
<u>7"</u>	<u>1745'</u>	<u>185</u>	<u>Howco</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>3-1/2" & 4-1/2"</u>	<u>30QT.</u>	<u>SNQ</u>	<u>1815</u>	<u>2-6-53</u>	<u>1850'-5293'</u>	<u>5293'</u>

TOOLS USED

Rotary tools were used from Surface feet to 5293 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 16, 19 53 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 3,710 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1008#

EMPLOYEES

J. V. Gay, Driller J. L. White, Driller
R. C. Copenhagen, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>162</u>	<u>162</u>	<u>Surface, Sand & Shale</u>
<u>162</u>	<u>2860</u>	<u>2698</u>	<u>Sand & Shale</u>
<u>2860</u>	<u>3190</u>	<u>330</u>	<u>Sand, Shale & Coal</u>
<u>3190</u>	<u>4745</u>	<u>1555</u>	<u>Sand & Shale</u>
<u>4745</u>	<u>5293</u>	<u>748</u>	<u>Sand</u>
			<u>Top Pictured Cliffs 3100'</u>
			<u>Top Lewis 3185'</u>
			<u>Top Cliffhouse 4735'</u>
			<u>Top Manatee 4940'</u>
			<u>Top Point Lookout 5220'</u>

FORMATION RECORD—Continued

