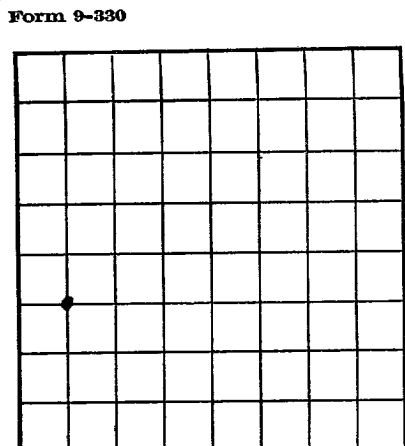




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Texas Company Address Box 1720, Fort Worth 1, Texas
Lessor or Tract C.C.Fristoe(b) NCT-4 Field Langlie-Mattix State New Mexico
Well No. 1 Sec. 31 T. 24-SR 37E Meridian NMPM County Lea
Location 1980 [N.] of S. Line and 660 ft. [E.] of W. Line of Sec. 31 Elevation 3254' (DF)
(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 [Signature]

Date March 16, 1948 Title Dist. Supt.

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

Commenced drilling January 22, 1948 Finished drilling March 3, 1948

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2705 to 2710 G No. 4, from 3475 to 3515
No. 2, from 2770 to 3050 G No. 5, from _____ to _____
No. 3, from 3350 to 3475 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—	
<u>13-3/8"</u>	<u>136</u>	<u>8RT</u>	<u>S-W</u>	<u>122</u>	<u>Reg. Pat.</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>9-5/8"</u>	<u>40</u>	<u>8VT</u>	<u>S-W</u>	<u>1172</u>	<u>Hallib.</u>	<u>122</u>	<u>122</u>	<u>122</u>	<u>122</u>
<u>7"</u>	<u>20</u>	<u>8RT</u>	<u>S-W</u>	<u>9522</u>	<u>Hallib.</u>	<u>1172</u>	<u>1172</u>	<u>1172</u>	<u>1172</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8"</u>	<u>136</u>	<u>150</u>	<u>Hallib.</u>	<u>-</u>	<u>-</u>
<u>9-5/8"</u>	<u>1172</u>	<u>100</u>	<u>Hallib.</u>	<u>-</u>	<u>-</u>
<u>7"</u>	<u>3525</u>	<u>1280</u>	<u>Hallib.</u>	<u>-</u>	<u>-</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>Neither shot nor acidized</u>						
<u>7" casing perforated 3475-3515' with 6 shots per foot, 240 holes.</u>						

TOOLS USED

Rotary tools were used from 0 feet to 3525 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 16, 1948 Put to producing March 9, 1948
The production for the first 21 hours was 301 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. GOR 500 Gravity, 50 API 28
If gas well, cu. ft. per 24 hours -- Gallons gasoline per 1,000 cu. ft. of gas --
Rock pressure, lbs. per sq. in. --

EMPLOYEES

J. H. Mitchell, Driller R. C. Roberts, Driller
H. H. Harris, Driller R. H. Leslie, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>140</u>	<u>140</u>	<u>Caliche & Red Beds</u>
<u>140</u>	<u>285</u>	<u>145</u>	<u>Red Beds</u>
<u>285</u>	<u>423</u>	<u>138</u>	<u>Caliche & Red Shale</u>
<u>423</u>	<u>669</u>	<u>246</u>	<u>Red Beds & Red Shale</u>
<u>669</u>	<u>720</u>	<u>51</u>	<u>Sandy Shale</u>
<u>720</u>	<u>840</u>	<u>120</u>	<u>Red Shale & Gyp</u>
<u>840</u>	<u>1088</u>	<u>248</u>	<u>Red Shale, Some Red Rock</u>
<u>1088</u>	<u>1175</u>	<u>87</u>	<u>Anhydrite</u>
<u>1175</u>	<u>1620</u>	<u>445</u>	<u>Anhydrite & Salt</u>
<u>1620</u>	<u>1760</u>	<u>140</u>	<u>Salt</u>
<u>1760</u>	<u>2410</u>	<u>650</u>	<u>Salt & Anhydrite</u>
<u>2410</u>	<u>2438</u>	<u>28</u>	<u>Anhydrite</u>
<u>2438</u>	<u>2595</u>	<u>157</u>	<u>Anhydrite & Salt</u>
<u>2595</u>	<u>2627</u>	<u>32</u>	<u>Sand, Lime & Anhydrite</u>
<u>2627</u>	<u>2703</u>	<u>76</u>	<u>Anhydrite & Lime</u>
<u>2703</u>	<u>2919</u>	<u>216</u>	<u>Lime & Sand</u>
<u>2919</u>	<u>2994</u>	<u>75</u>	<u>Lime</u>
<u>2994</u>	<u>3001</u>	<u>7</u>	<u>Sand & Lime</u>
<u>3001</u>	<u>3525</u>	<u>524</u>	<u>Lime</u>
	<u>3525</u>		<u>Total Depth</u>
	<u>3517</u>		<u>Plugged back total depth</u>

(OVER)

FORMATION RECORD—CONTINUED

