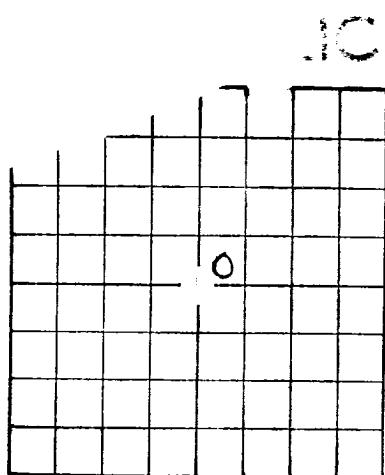




U. S. LAND OFFICE.....
SERIAL NUMBER.....
LEASE OR PERMIT TO PROSPECT

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Harman Oil Syndicate Address Harmon
Lessor or Tract Mary H. Musser Estate Field..... State Ill.
Well No. 1 Sec. 15 T. 18 R. 25 Meridian..... County Franklin
Location ft. N. of Line and ft. E. of Line of 3532 Elevation.....
(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.

Subscribed and sworn to
Date this 23rd day of August 1922 Signed Harman Title.....
The summary on this page is for the condition of the well at above date

Commenced drilling Aug 12, 1921 Finished drilling Jan 22, 1922

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1140 to 1160 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 97 to 146 No. 3, from 732 to
No. 2, from 200 to 240 No. 4, from 912 to
1400 1400 1400

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 1/4</u>	<u>40.5</u>	<u>6.88</u>							
<u>8 1/4</u>	<u>38.0</u>	<u>6.88</u>							
<u>5 7/16</u>									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5 7/16</u>	<u>980</u>		<u>set</u>		<u>20 ft.</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>4"</u>		<u>Saturn</u>	<u>20</u>	<u>Mar 12 1922</u>		

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from feet to 1432 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..... Gallons gasoline per 1,000 cu. ft. of gas.....

Rock pressure, lbs. per sq. in.

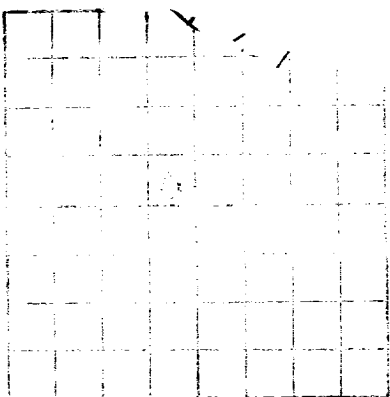
EMPLOYEES

U. P. Linn, Driller....., Driller
Jimmy Miller, Driller....., Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
<u>0</u>	<u>14</u>		<u>Soil</u>
<u>14</u>	<u>37</u>		<u>Concyle</u>
<u>37</u>	<u>40</u>		<u>shale</u>
<u>40</u>	<u>100</u>		<u>Gravelly water</u>
<u>100</u>	<u>136</u>		<u>yellow shaly lime</u>
<u>136</u>	<u>170</u>		<u>thin bedded sandstone</u>
<u>170</u>	<u>200</u>		<u>Red rock</u>
<u>200</u>	<u>240</u>		<u>Gravelly water</u>
<u>240</u>	<u>275</u>		<u>Brown soft sand</u>
<u>275</u>	<u>300</u>		<u>blue shale</u>
<u>300</u>	<u>350</u>		<u>gray sandstone</u>
<u>350</u>	<u>400</u>		<u>Red rock</u>
<u>400</u>	<u>425</u>		<u>Red rock</u>
<u>425</u>	<u>532</u>		<u>Red sandstone</u>
<u>532</u>	<u>685</u>		<u>Brown shale gyp streaks</u>
<u>685</u>	<u>714</u>		<u>Blue shale</u>

(OVER)



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Company _____
Person or Firm _____
Address _____
State _____
County _____
Section _____
Twp _____
Range _____
Locality _____
This log is to be filled out by the person or firm who has charge of the well and is to be submitted to the nearest office of the Geological Survey.

OIL OR GAS SANDS OR SOLIDS

IMPORTANT WATER SANDS

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "detached" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

9-5745

MINING AND CEMENTING RECORD

TOOLS USED

DATE

FROM	TO	TOTAL FEET	FORMATION
714	732	732	Water in the clay line
867	980	980	Hard clay line about 5 ft.
907	1106	1106	Bank "
1131	1140	1140	Brown line
1140	1159	1159	Gravelly black line
1159	1171	1171	Black sand line
1171	1196	1196	Black sand line
1196	1227	1227	Brown to black line
1230	1302	1302	Grayish brown line
1302	1367	1367	Grayish brown line
1367	1382	1382	Black line
1382	1391	1391	Black line
1391	1400	1400	Black line
1400	1425	1425	Black line
1425	1432	1432	Black line