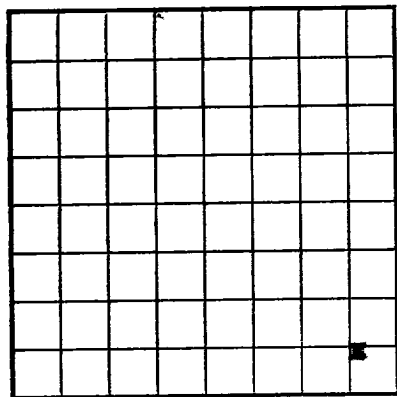
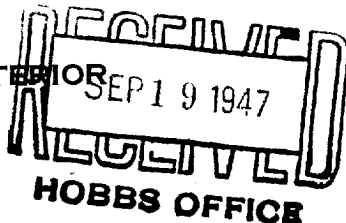




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Company Address Box 2180, Houston, Texas
Lessor or Tract Federal Bowers Field Bowers State New Mexico
Well No. A-15 Sec. 30 T. 18 R. 38 Meridian _____ County Lea
Location 480 ft. {N.} of 5 Line and 630 ft. {E.} of 1 Line of Section 30 Elevation 3200
(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 _____

Date September 12, 1947

Title Division Superintendent

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

Commenced drilling August 22, 1947 Finished drilling September 1, 1947

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

No. 1, from 3205 to 3218 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 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>8-5/8"</u>	<u>28.</u>	<u>107</u>	<u>Reading</u>	<u>239.15</u>					
<u>5 1/2"</u>	<u>14.</u>	<u>62</u>	<u>Youngs</u>	<u>2716.86</u>					
<u>5 1/2"</u>	<u>15.5</u>	<u>62</u>	<u>Youngs</u>	<u>432.44</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>248.50'</u>	<u>150 Atlas</u>	<u>Halliburton</u>		
<u>5 1/2"</u>	<u>5152.0'</u>	<u>1250 Okay S-S</u>	<u>Halliburton</u>		
		<u>150 Okay Reg.</u>	<u>Halliburton</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>Completed natural</u>				

TOOLS USED

Rotary tools were used from -0- feet to 3218 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

September 4, 1947 Put to producing September 5, 1947

Based on potential test
The production for the first 24 hours was 251.2 barrels of fluid of which PLC % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 40.4

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

R. T. Lovelady, Driller T. P. - 754 C.F. - 1504
Evert Ivey, Driller J. D. Kendrick, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>-0-</u>	<u>95</u>	<u>95</u>	<u>Surface</u>
<u>95</u>	<u>260</u>	<u>165</u>	<u>Clachie Red Bed</u>
<u>260</u>	<u>882</u>	<u>622</u>	<u>Red Bed, Blue shale</u>
<u>882</u>	<u>1365</u>	<u>483</u>	<u>Red Bed, Gyp.</u>
<u>1365</u>	<u>1495</u>	<u>130</u>	<u>Red Bed, Anhy.</u>
<u>1495</u>	<u>1650</u>	<u>155</u>	<u>Red Bed, Anhy. Streak salt, shells.</u>
<u>1650</u>	<u>2822</u>	<u>1172</u>	<u>Anhy. salt, shells</u>
<u>2822</u>	<u>3083</u>	<u>261</u>	<u>Anhy.</u>
<u>3083</u>	<u>3160</u>	<u>77</u>	<u>Anhy. GYP.</u>
<u>3160</u>	<u>3165</u>	<u>5</u>	<u>Cement, Anhy.</u>
<u>3165</u>	<u>3186</u>	<u>21</u>	<u>Anhy. sandy lime</u>
<u>3186</u>	<u>3205</u>	<u>19</u>	<u>Anhy.</u>
<u>3205</u>	<u>3217</u>	<u>12</u>	<u>Sand</u>
<u>3217</u>	<u>3218</u>	<u>1</u>	<u>Anhy.</u>
<u>Top pay</u>	<u>3217</u>		