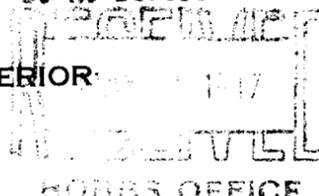


U. S. LAND OFFICE **Roswell**  
 SERIAL NUMBER **032233**  
 LEASE OR PERMIT TO PROSPECT

**B. A. Bowers**

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY



HOBBBS OFFICE


LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **Humble Oil & Refining Co.** Address **Box 2180, Houston, Texas**  
 Lessor or Tract **Federal Bowers** Field **Bowers** State **New Mexico**  
 Well No. **A-12** Sec. **29** T. **18S** R. **30E** Meridian \_\_\_\_\_ County **Lee**  
 Location **1980** ft. {N.} of **S** Line and **560** ft. {E.} of **W** Line of **Sec. 29** Elevation **3654**  
(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 \_\_\_\_\_  
 Assistant  
 Title **Division Superintendent**

Date **APRIL 30, 1947**

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

Commenced drilling **April 3, 1947** Finished drilling **April 18, 1947**

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

No. 1, from **3171** to **3183** 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-	
<b>8 5/8"</b>	<b>52.</b>	<b>8-R</b>	<b>Smith</b>	<b>221.52</b>	<b>Hall</b>				
<b>5 1/2"</b>	<b>14.</b>	<b>8-R</b>	<b>Natl.</b>	<b>3132.43</b>	<b>Hall</b>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<b>8 5/8"</b>	<b>235.52</b>	<b>100</b>	<b>Hall.</b>		
<b>5 1/2"</b>	<b>3144.43</b>	<b>675</b>	<b>Hall</b>		

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
	<b>Completed Natural</b>					

TOOLS USED

Rotary tools were used from **0** feet to **3183** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

**April 27, 1947**, 19\_\_\_\_ Put to producing **April 21, 1947**, 19\_\_\_\_  
 The production for the first 24 hours was **440** barrels of fluid of which **11%** was oil; \_\_\_\_\_ %  
 emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. **41.8**

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

Rock pressure, lbs. per sq. in. **Tubing Pressure 200#, Casing Pressure 470#**

EMPLOYEES

**Black** \_\_\_\_\_, Driller **Huddleston** \_\_\_\_\_, Driller  
**R. R. Frayser** \_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	200		Caliche
200	240		Red Sand Rock
240	1210		Red Bed
1210	1435		Red Rock
1435	1514		Red Rock, Shell
1514	1570		Red Rock
1570	1804		Red Rock & Salt
1804	1880		Anhy & Salt
1880	2045		Salt & Gyp.
2045	2250		Red Rock Salt Gyp.
2250	2547		Salt & Anhy.
2547	2603		Anhy.
2603	2696		Salt & Anhy.
2696	3156		Anhy & lime
3156	3183		Anhy. Sand

FOLD MARK

