



LOCATE WELL CORRECTLY

Company Humble Oil & Refining Co. Address Box 2180, Houston, Texas  
Lessor or Tract Federal Powers Field Bowers State New Mexico  
Well No. A-12 Sec. 29 T. 18S R. 30E Meridian \_\_\_\_\_ County Lee  
Location 1980 ft. {N.} of 3 Line and 560 ft. {E.} of 4 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 [Signature] 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—	
<u>8 5/8"</u>	<u>52.</u>	<u>8-R</u>	<u>Smith</u>	<u>221.52</u>	<u>Hall</u>				
<u>5 1/2"</u>	<u>14.</u>	<u>8-R</u>	<u>Metl.</u>	<u>3132.43</u>	<u>Hall</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>235.52</u>	<u>100</u>	<u>Hall.</u>		
<u>5 1/2"</u>	<u>3144.43</u>	<u>675</u>	<u>Hall</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 3183 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

April 29, 1947, 19\_\_\_\_ Put to producing April 21, 1947, 19\_\_\_\_  
Based on Pot. Test, The production for the first 24 hours was 440 barrels of fluid of which 100 % 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. Fraysher, Driller \_\_\_\_\_, Driller

FORMATION RECORD

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

## FORMATION RECORD-Continued

## HISTORY OF OIL OR GAS WELL

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 "sidetracked" 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.

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