

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Texas Company Address Box 1720, Fort Worth, Texas.
 Lessor or Tract W. H. Rhodes (b) Field Rhodes State New Mexico
 Well No. 3 Sec. 28 T. 26-N R. 37-E Meridian N.M.P.M. County Lea
 Location 1980 ft. N. of 5 Line and 660 ft. E. of E Line of Sec. 28 Elevation 2983
 (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 J. H. Shipler Title District Superintendent.
 Date June 26, 1943

The summary on this page is for the condition of the well at above date.
 Commenced drilling May 29, 1943 Finished drilling June 26, 1943

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

No. 1, from 3140 to 3150 G. No. 4, from _____ to _____
 No. 2, from 3230 to 3245 G. No. 5, from _____ to _____
 No. 3, from 3288 to 3330 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>8-5/8"</u>	<u>32</u>	<u>8</u> Rad.	<u>L.W.</u>	<u>597'</u>	<u>Baker Guide</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
<u>5-1/2"</u>	<u>15</u>	<u>8</u> Rad.	<u>Sals.</u>	<u>233'</u>	<u>Halliburton Guide</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
			<u>L.W.</u>	<u>2968'</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>608'</u>	<u>200</u>	<u>Halliburton</u>		
<u>5-1/2"</u>	<u>3185'</u>	<u>300</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>3"</u>		<u>Nitroglycerine</u> <u>(EL-357)</u>	<u>60</u>	<u>6-21</u> <u>1943</u>	<u>3288-3330'</u>	<u>3330'</u>

TOOLS USED

Rotary tools were used from 0 feet to 3330' feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 1, 1943 Put to producing June 26, 1943
66 barrels of fluid of which 100 % was oil; _____ %

The production for the first 24 hours was _____
 emulsion; _____ % water; and _____ % sediment.

If gas well, cu. ft. per 24 hours _____ Gravity, 36 API
 Rock pressure, lbs. per sq. in. _____ Gallons gasoline per 1,000 cu. ft. of gas
Gas-Oil ratio 1200 cu.ft. per bbl.

EMPLOYEES

J. C. Hill. _____, Driller Engine Blount _____, Driller
Hugh West. _____, Driller _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
<u>0</u>	<u>113</u>	<u>113</u>	<u>Surface Sand & Shale</u>
<u>113</u>	<u>440</u>	<u>327</u>	<u>Red Beds & Shells</u>
<u>440</u>	<u>611</u>	<u>171</u>	<u>Red Rock</u>
<u>611</u>	<u>1180</u>	<u>569</u>	<u>Red Beds & Shells</u>
<u>1180</u>	<u>1424</u>	<u>244</u>	<u>Anhydrite</u>
<u>1424</u>	<u>2726</u>	<u>1302</u>	<u>Anhydrite & Salt</u>
<u>2726</u>	<u>2860</u>	<u>134</u>	<u>Anhydrite</u>
<u>2860</u>	<u>2977</u>	<u>117</u>	<u>Lime & Anhydrite</u>
<u>2977</u>	<u>3030</u>	<u>53</u>	<u>Lime</u>
<u>3030</u>	<u>3154</u>	<u>124</u>	<u>Lime & Sand</u>
<u>3154</u>	<u>3229</u>	<u>75</u>	<u>Lime</u>
<u>3229</u>	<u>3245</u>	<u>16</u>	<u>Lime, Sand & Shale</u>
<u>3245</u>	<u>3288</u>	<u>43</u>	<u>Lime and Some Sand</u>
<u>3288</u>	<u>3330</u>	<u>42</u>	<u>Porous Sandy Lime & Sand.</u>

LET TO THE GOV

260	-	00
900	-	10
1320	-	00
1740	-	00
2220	-	1/20
2555	-	1-1/20
2780	-	10
3098	-	10

SECRET

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. This well was shot on 6-21-43 with 60 quarts of nitroglycerine from Peters shooting. The shot was loaded with 2 quarts of gravel. Flowing by hands. The well produced 87 barrels of oil in 15 hours. Produced 66 barrels oil in 10 hours flowing thru 2" tubing with a gas-oil ratio of 1200.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
			UNITED STATES GEOLOGICAL SURVEY WATER RESOURCES DIVISION ALBUQUERQUE, NEW MEXICO REPORT OF INVESTIGATION NO. 1 BY W. H. HARRIS AND W. H. HARRIS IN COOPERATION WITH THE ARMY OF THE UNITED STATES ENGINEERING DISTRICT OF ALBUQUERQUE ALBUQUERQUE, NEW MEXICO 1917