

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Hobbs Oil & Refining Co. Address Box 998, Hobbs, N.M.
Lessor or Tract General Field Hobbs State N.M.
Well No. 1 Sec. 8 T. 15-N R. 34-E Meridian N+1/2 County Chaves
Location 30 ft. S. of W Line and 330 ft. E. of W Line of N 1/4 Sec. 8 Elevation 4221

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.

Date November 14, 1937 Signed Division No. 11.
Title Division No. 11.

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

Commenced drilling Sept. 24, 1937 to Nov. 1, 1937 Finished drilling November 1, 1937, 1937

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from <u>4100</u> to <u>4123</u>	No. 4, from <u>4186</u> to <u>4221</u>
No. 2, from <u>4123</u> to <u>4156</u>	No. 5, from <u>4156</u> to <u>4186</u>
No. 3, from <u>4156</u> to <u>4186</u>	No. 6, from <u>4186</u> to <u>4221</u>

IMPORTANT WATER SANDS

No. 1, from <u>None</u> to <u>4100</u>	No. 3, from <u>4186</u> to <u>4221</u>
No. 2, from <u>4100</u> to <u>4123</u>	No. 4, from <u>4123</u> to <u>4156</u>

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
<u>15 1/2</u>	<u>70-Lb.</u>	<u>6</u>	<u>Natl.</u>	<u>235'</u>	<u>Tex. Pat.</u>				
<u>9 5/8</u>	<u>36-Lb.</u>	<u>8</u>	<u>Natl.</u>	<u>2716'</u>	<u>Tex. Pat.</u>				
<u>7"</u>	<u>26-Lb.</u>	<u>10</u>	<u>Natl.</u>	<u>3987'</u>	<u>Tex. Pat.</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>15 1/2</u>	<u>235'</u>	<u>225</u>	<u>Pumped</u>		
<u>9 5/8</u>	<u>2716'</u>	<u>630</u>	<u>Pumped</u>		
<u>7"</u>	<u>3987'</u>	<u>300</u>	<u>Pumped</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 cleared out

TOOLS USED

Rotary tools were used from 4100 feet to 4221 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

November 1, 1937 Put to producing November 1, 1937

The production for the first 24 hours was 460 barrels of fluid of which 000 was oil; 1/2 emulsion; No % 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

Neal Martin Driller L. J. Josselin Driller
L. J. Josselin Driller Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
<u>0</u>	<u>223</u>	<u>223</u>	<u>Red bed</u>
<u>223</u>	<u>654</u>	<u>431</u>	<u>Red bed</u>
<u>654</u>	<u>1244</u>	<u>590</u>	<u>Red bed</u>
<u>1244</u>	<u>1350</u>	<u>106</u>	<u>Red bed</u>
<u>1350</u>	<u>1470</u>	<u>120</u>	<u>Red bed</u>
<u>1470</u>	<u>1535</u>	<u>65</u>	<u>Red bed</u>
<u>1535</u>	<u>1570</u>	<u>35</u>	<u>Red bed</u>
<u>1570</u>	<u>1600</u>	<u>30</u>	<u>Anhydrite</u>
<u>1600</u>	<u>1660</u>	<u>60</u>	<u>Red bed</u>
<u>1660</u>	<u>2070</u>	<u>410</u>	<u>Salt</u>
<u>2070</u>	<u>2270</u>	<u>200</u>	<u>Salt & anhydrite</u>
<u>2270</u>	<u>2370</u>	<u>100</u>	<u>Salt & anhydrite, red</u>
<u>2370</u>	<u>2385</u>	<u>15</u>	<u>Anhydrite</u>
<u>2385</u>	<u>2900</u>	<u>515</u>	<u>Salt</u>
<u>2900</u>	<u>3982</u>	<u>1082</u>	<u>Anhydrite</u>
<u>3982</u>	<u>3995</u>	<u>13</u>	<u>Anhydrite</u>
<u>3995</u>	<u>4004</u>	<u>9</u>	<u>Anhydrite</u>
<u>4004</u>	<u>410</u>	<u>39</u>	<u>Anhydrite</u>
<u>410</u>	<u>4221</u>	<u>111</u>	<u>Salt</u>