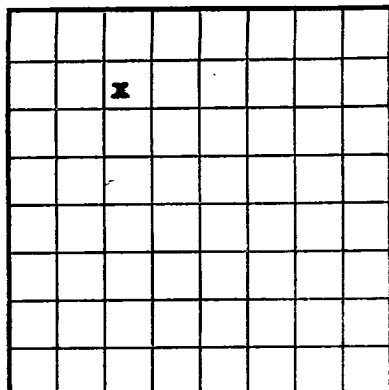


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 060544
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Carper Drilling Company Address Artesia, New Mexico
Lessor or Tract Evarts - Grier #2 Field Square Lake State New Mexico
Well No. 2 Sec. 29 T. 16 R. 31 Meridian NMPM County Eddy
Location 1980 ft. XX of N Line and 1980 ft. XX of E Line of Sec. 29 Elevation 3952
(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 James Henry
Date July 27, 1944 Title Partner

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

Commenced drilling May 17, 1944 Finished drilling July 23, 1944

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3273' to 3276' O. & G. No. 4, from _____ to _____
No. 2, from 3314' to 3340' O. & G. No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2640' to 2676' 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 1/2"</u>	<u>28 3/4</u>	<u>8</u>	<u>S. H.</u>	<u>548'</u>	<u>Common</u>	<u>Halliburton</u>			
<u>7 1/2"</u>	<u>26 3/4</u>	<u>8</u>	<u>Halliburton</u>	<u>3180'</u>	<u>Lat. Pattern</u>	<u>Halliburton</u>			
<u>5 1/2"</u>	<u>22 3/4</u>	<u>8</u>	<u>Halliburton</u>	<u>3180'</u>	<u>Lat. Pattern</u>	<u>Halliburton</u>			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 1/2"</u>	<u>648'</u>	<u>50</u>	<u>Halliburton</u>		<u>Mudded</u>
<u>7 1/2"</u>	<u>2698'</u>				<u>Mudded</u>
<u>5 1/2"</u>	<u>3180'</u>	<u>100</u>	<u>Halliburton</u>		<u>Circulated Mud</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

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3376 feet, and from _____ feet to _____ feet

DATES

July 27, 1944 Put to producing July 27, 1944The production for the first 24 hours was 125 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % 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

N. C. Pennell, Driller Harry Rhoads, Driller
M. A. Mapes, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>340</u>	<u>340</u>	<u>Red Beds</u>
<u>340</u>	<u>474</u>	<u>134</u>	<u>Red Rock</u>
<u>474</u>	<u>504</u>	<u>30</u>	<u>Anhydrite</u>
<u>504</u>	<u>508</u>	<u>4</u>	<u>Red Rock</u>
<u>508</u>	<u>607</u>	<u>99</u>	<u>Anhydrite</u>
<u>607</u>	<u>635</u>	<u>28</u>	<u>Gyp - Red Beds</u>
<u>635</u>	<u>637</u>	<u>2</u>	<u>Red Rock</u>
<u>637</u>	<u>670</u>	<u>33</u>	<u>Salt</u>
<u>670</u>	<u>690</u>	<u>20</u>	<u>Anhydrite - Shale - Salt</u>
<u>690</u>	<u>1440</u>	<u>750</u>	<u>Salt</u>
<u>1440</u>	<u>1455</u>	<u>15</u>	<u>Anhydrite</u>
<u>1455</u>	<u>1595</u>	<u>140</u>	<u>Salt & Polyh.</u>
<u>1595</u>	<u>1796</u>	<u>201</u>	<u>Anhydrite</u>
<u>1796</u>	<u>1830</u>	<u>34</u>	<u>Red Rock</u>
<u>1830</u>	<u>2090</u>	<u>260</u>	<u>Anhydrite & Shale</u>
<u>2090</u>	<u>2295</u>	<u>205</u>	<u>Anhydrite</u>
<u>2295</u>	<u>2312</u>	<u>17</u>	<u>Lime</u>
<u>2312</u>	<u>2405</u>	<u>93</u>	<u>Anhydrite</u>
<u>2405</u>	<u>2425</u>	<u>20</u>	<u>Sandy Anhydrite</u>
<u>2425</u>	<u>2640</u>	<u>215</u>	<u>Anhydrite</u>
<u>2640</u>	<u>2676</u>	<u>36</u>	<u>Red Sand</u>
<u>2676</u>	<u>2695</u>	<u>19</u>	<u>Anhydrite</u>
<u>2695</u>	<u>2698</u>	<u>3</u>	<u>Lime & Anhydrite</u>
<u>2698</u>	<u>2721</u>	<u>23</u>	<u>Anhydrite</u>
<u>2721</u>	<u>2727</u>	<u>6</u>	<u>Lime</u>
<u>2727</u>	<u>2819</u>	<u>92</u>	<u>Anhydrite</u>

(OVER)

FORMATION RECORD—Continued

