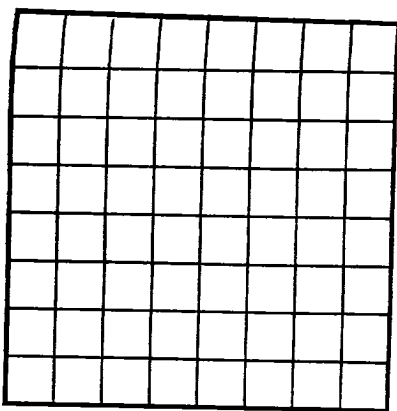




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM-04138
LEASE OR PERMIT TO PROSPECT LeaseUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Carper Drilling Co., Inc. Address Artesia, New Mexico
Lessor or Tract Carper-Federal Field Robinson State New Mexico
Well No. 1 Sec. 25 T. 16 R. 31 Meridian NMP County Eddy
Location 1980 ft. N. of S. Line and 660 ft. E. of E. Line of Sec. 25 Elevation 4224
(Derivat 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. Harker LawleyDate Sept. 29, 1951 Title Vice-President

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

Commenced drilling May 14, 1951 Finished drilling Sept. 4, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3215 to 3220 G No. 4, from 3880 to 3892 S.S.C.
No. 2, from (Tested 2 million cu. ft. after No. 5, from 3926 to 3935 0
being open for 76 hrs.) No. 6, from _____ to _____
No. 3, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 170' - 6 bailers per hr. No. 3, from _____ to _____
No. 2, from 375' - 1 1/2 " to " " No. 4, from 395' - 1 bailer per hr.

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>13"</u>	<u>40#</u>	<u>8 yds</u>	<u>S.H.</u>	<u>218</u>	<u>Common</u>	<u>218' pulled</u>			<u>S.S. water</u>
<u>10 3/4"</u>	<u>32#</u>	<u>8 yds</u>	<u>S.H.</u>	<u>539</u>	<u>Texas Pat.</u>	<u>539</u>			<u>" "</u>
<u>8 1/2"</u>	<u>21#</u>	<u>8 yds</u>	<u>New</u>	<u>1058</u>					<u>" "</u>
<u>7"</u>	<u>20#</u>	<u>8 yds</u>	<u>S.H.</u>	<u>3748</u>					<u>" "</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>"</u>	<u>218'</u>	<u>None</u>	<u>Set down</u>		<u>None</u>
<u>3 1/4"</u>	<u>539'</u>	<u>"</u>	<u>" "</u>		<u>"</u>
<u>5 1/8"</u>	<u>1058'</u>	<u>50</u>	<u>Denton</u>		<u>"</u>
	<u>3748'</u>	<u>100</u>	<u>"</u>		<u>10 sack squagel</u>

PLUGS AND ADAPTERS

Leaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>4"</u>	<u>40'</u>	<u>Nitro</u>	<u>100 qts.</u>	<u>9-5-51</u>	<u>3910-50</u>	<u>4197'</u>

TOOLS USED

Rotary tools were used from 0 feet to 1073 feet, and from _____ feet to _____ feet
Cable tools were used from 1073 feet to 4212 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing September 15, 1951The production for the first 24 hours was 8 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. BHP 325# — 72 hrs.

EMPLOYEES

D. H. Walter, Driller K. M. BERENTE, Driller
C. H. Hammond, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>125</u>	<u>125</u>	<u>Surface sand</u>
<u>125</u>	<u>140</u>	<u>15</u>	<u>Gravel</u>
<u>140</u>	<u>170</u>	<u>30</u>	<u>Red rock</u>
<u>170</u>	<u>175</u>	<u>5</u>	<u>Sand (water)</u>
<u>175</u>	<u>375</u>	<u>200</u>	<u>Red rock & red bed</u>
<u>375</u>	<u>395</u>	<u>20</u>	<u>Sandy red bed (water)</u>
<u>395</u>	<u>755</u>	<u>360</u>	<u>Red bed & red rock</u>
<u>755</u>	<u>780</u>	<u>25</u>	<u>Brown sand</u>
<u>780</u>	<u>1020</u>	<u>240</u>	<u>Red bed & red rock</u>
<u>1020</u>	<u>1125</u>	<u>105</u>	<u>Anhyd.</u>
<u>1125</u>	<u>1130</u>	<u>5</u>	<u>Red rock</u>
<u>1130</u>	<u>1190</u>	<u>60</u>	<u>Anhyd.</u>
<u>1190</u>	<u>2119</u>	<u>929</u>	<u>Salt</u>
<u>2119</u>	<u>2980</u>	<u>861</u>	<u>Anhyd.</u>
<u>2980</u>	<u>3005</u>	<u>25</u>	<u>Red sand</u>
<u>3005</u>	<u>3215</u>	<u>210</u>	<u>Anhyd.</u>
<u>3215</u>	<u>3245</u>	<u>30</u>	<u>Br. & red sand</u>
<u>3245</u>	<u>3638</u>	<u>393</u>	<u>Anhyd. w/ lime stringers</u>
<u>3638</u>	<u>3690</u>	<u>52</u>	<u>Lime</u>
<u>3690</u>	<u>3729</u>	<u>39'</u>	<u>Anhyd.</u>
<u>3729</u>	<u>3925</u>	<u>196</u>	<u>Gray lime</u>
<u>3925</u>	<u>3935</u>	<u>10</u>	<u>Br. sand</u>
<u>3935</u>	<u>4212</u>	<u>277</u>	<u>Gray lime</u>

(Sample description by E. F. Kenney attached.)

(OVER)

16-43094-2

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.

Location of Well { of _____ Line and _____ }
of _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____
County _____ State _____ Field _____ Address _____

Contractor's name: _____
 The amount on this page is for the condition of the well as of _____
 Date: _____

GIL OR GAS SANDS OR SHALES

No. 1 from	No. 1 from
No. 2 from	No. 2 from
No. 3 from	No. 3 from

IMPORTANT WATER

[illegible]

CASTING LEOCOT

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 "mishandled," 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.

HISTORY OF OIL OR GAS WELL

16-43094-1 U. S. GOVERNMENT PRINTING OFFICE

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