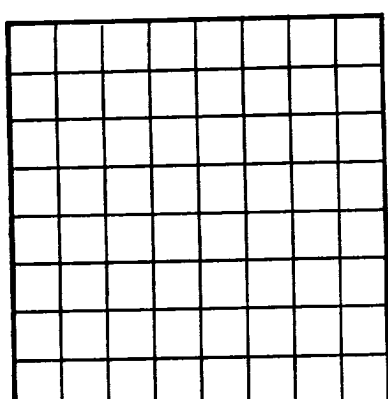


Form 9-350

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 25-03217
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 Co., Inc. Address Artesia
Lessor or Tract Carper-McMillan-Singart Field Alameda State New Mexico
Well No. 1 Sec. 22 T. 20N R. 26E Meridian NMPM County Sandoz
Location 660 ft. {N.} of 3 Line and 1900 ft. {E.} of 3 Line of 22 Elevation 3221
(Denote 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. Marshall LawleyDate 12-11-51 Title Vice-President

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

Commenced drilling Aug. 18, 1951 Finished drilling Nov. 23, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1246 to 1250 S.S.U. 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 93-100 to 495 No. 3, from 924 to _____
No. 2, from 127-134 to 802-810 No. 4, from 940 to _____
210-250 822-827 1783 1794

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 3/8</u>	<u>40.00</u>	<u>4</u>	<u>2000-lin</u>	<u>283</u>	<u>Beam pattern</u>				
<u>10 3/4</u>	<u>33.77</u>	<u>4</u>	<u>2000-lin</u>	<u>283</u>	<u>Beam pattern</u>				
<u>8 5/8</u>	<u>22.50</u>	<u>4</u>	<u>2000-lin</u>	<u>283</u>	<u>Beam pattern</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13 3/8</u>	<u>283</u>	<u>None</u>	<u>Hand</u>		<u>Jel-Flake 4 sax</u>
<u>10 3/4</u>	<u>920</u>	<u>"</u>	<u>"</u>		<u>Aqua-Gel 4 sax-Jel-Flake 1 sax</u>
<u>8 5/8</u>	<u>1234</u>	<u>150</u>	<u>Halliburton</u>		<u>Aqua-Gel 4 sax</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 2734 feet, and from _____ feet to _____ feet
_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____ % 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

_____, Driller
M. A. Lepaley, Driller J. A. Averts, Driller
Geo. Thalman, Driller I. O. Warren, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>40</u>	<u>40</u>	<u>Shale & broken line</u>
<u>40</u>	<u>106</u>	<u>66</u>	<u>Line</u>
<u>106</u>	<u>120</u>	<u>14</u>	<u>Anhyd.</u>
<u>120</u>	<u>222</u>	<u>102</u>	<u>Line</u>
<u>222</u>	<u>250</u>	<u>28</u>	<u>Anhyd.</u>
<u>250</u>	<u>255</u>	<u>5</u>	<u>Sand</u>
<u>255</u>	<u>285</u>	<u>30</u>	<u>Anhyd.</u>
<u>285</u>	<u>290</u>	<u>5</u>	<u>Sand</u>
<u>290</u>	<u>295</u>	<u>5</u>	<u>Anhyd.</u>
<u>295</u>	<u>300</u>	<u>5</u>	<u>Line</u>
<u>300</u>	<u>334</u>	<u>34</u>	<u>Anhyd.</u>
<u>334</u>	<u>338</u>	<u>4</u>	<u>Line</u>
<u>338</u>	<u>346</u>	<u>8</u>	<u>Anhyd.</u>
<u>346</u>	<u>373</u>	<u>27</u>	<u>Red rock</u>
<u>373</u>	<u>398</u>	<u>25</u>	<u>Anhyd.</u>
<u>398</u>	<u>500</u>	<u>102</u>	<u>Line</u>
<u>500</u>	<u>543</u>	<u>43</u>	<u>Anhyd.</u>
<u>543</u>	<u>555</u>	<u>12</u>	<u>Line & blue shale</u>
<u>555</u>	<u>587</u>	<u>32</u>	<u>Anhyd.</u>
<u>587</u>	<u>634</u>	<u>47</u>	<u>Line</u>
<u>634</u>	<u>636</u>	<u>2</u>	<u>Sandy shale</u>
<u>636</u>	<u>662</u>	<u>26</u>	<u>Line</u>
<u>662</u>	<u>675</u>	<u>13</u>	<u>Anhyd.</u>
<u>675</u>	<u>973</u>	<u>298</u>	<u>Line</u>
<u>973</u>	<u>975</u>	<u>2</u>	<u>Line</u>
<u>975</u>	<u>2734</u>	<u>1759</u>	<u>Line</u>

(Copy of Sample Analysis by Anderson attached)
_____ for acidizing results.

