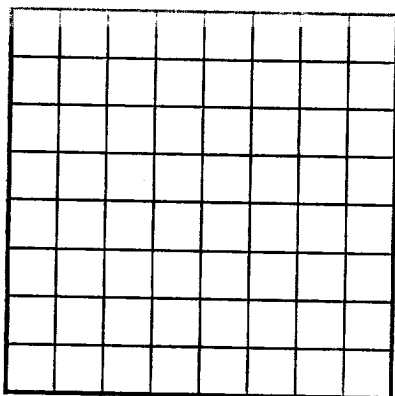




COPY TO O. C. C.

U. S. LAND OFFICE
SERIAL NUMBER 0579
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Carper Drilling Co., Inc. Address Artesia, New Mexico
Lessor or Tract Carper-McClrath-Minkle Field Wildcat State New Mexico
Well No. 1 Sec. 4 T. 16 R. 29 Meridian NMPM County Eddy
Location 2310 ft. {N} of N Line and 770 ft. {E} of W Line of Lot 5 - Sec. 4 Elevation 3713
(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. Marshall Kaul
Date _____ Title Vice-Pres.

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

Commenced drilling April 22, 1954 Finished drilling June 1, 1954

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

No. 1, from _____ to _____ 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 _____ 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>13 3/8</u>	<u>48#</u>	<u>8</u>	<u>Sals.</u>	<u>140'</u>	<u>Tex. Pat.</u>	<u>140'</u>			<u>Shut off dry</u>
									<u>save</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>140</u>	<u>Not cemented</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 _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Dry Hole, 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

D. M. Walter, Driller J. R. Svarts, Driller
K. P. Berents, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	175	175	Red bed
175	265	90	" " & anhyd.
265	470	205	Salt & potash
470	605	135	" & GYP
605	765	160	Anhyd.
765	830	65	Red bed
830	875	45	Anhyd.
875	890	15	Red rock
890	1350	460	Anhyd. & red bed
1350	1655	305	"
1655	1720	65	" & red sandy shale
1720	1735	15	Grey sand
1735	1810	75	Red shale - sandy
1810	1835	25	Anhyd.
1835	1870	35	Red rock & shale
1870	1980	110	Anhyd.
1980	2075	95	" & lime
2075	2105	30	" & red shale
2105	2245	140	" broken
2245	2365	120	Lime
2365	2371	8	" & anhyd.
2373	2809	436	Lime

Sample Analysis by H. S. Cave attached.

(OVER)

16-43094-2

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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.

No. 3' from _____ to _____ No. 1' from _____ to _____
 No. 1' from _____ to _____ No. 3' from _____ to _____
IMPORTANT WATER SANDS
 No. 3' from _____ to _____ No. 1' from _____ to _____
 No. 3' from _____ to _____ No. 2' from _____ to _____
 No. 1' from _____ to _____ No. 1' from _____ to _____
 (Please fill in)
Oil or Gas Sands or Zones
 Continued drilling _____ to _____ Discovered oil/gas _____ to _____
 The summary on this page is for the completion of the map at above listed
 Date _____ This is _____
 signed by _____
 so far as can be determined from all available records.
 The information given hereon is a complete and correct record of the map and all work done thereon
 Location shown on _____ of _____ to _____ of _____
 Map No. _____ Sec. _____ T. _____ N. _____ R. _____
 Section of _____
 Township of _____
 County of _____
 State of _____
 Date _____
 Company _____

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. The lines are black and the background is white. There are no markings or text on the grid.

ROC OF OIL OR GAS WELL

GEOLOGICAL SURVEY
 DEPARTMENT OF THE INTERIOR
 UNITED STATES

REPORT ON DETAIL TO PROJECT