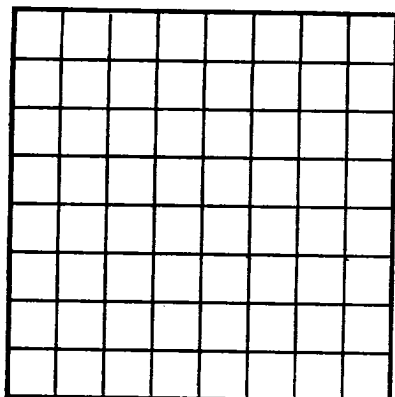


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029410-A
LEASE OR PERMIT TO PROSPECT Lease

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Carper Drilling Company, Inc. Address Artesia, New Mexico
Lessor or Tract Simon Field Maljamar State New Mexico
Well No. 3-A Sec. 29 T. 17 R. 32 Meridian NMPM County Lea
Location 1980 ft. {N.} of S Line and 1980 ft. {E.} of W Line of 29-17-32 Elevation _____
(Derivative 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 _____

Date February 12, 1941 Title _____

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

Commenced drilling December 10, 1940 Finished drilling February 2, 1941

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2350 to 0 & G No. 4, from _____ to _____
No. 2, from 3549 to 3562 No. 5, from _____ to _____
No. 3, from 3808 to 3823 0 & G 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—	
8"	24#	8 thd.	S.H.	990'					
7"	20#	8 thd.	S.H.	990'					
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	990'	50	Halliburton		
7"	3482'	100	"		4 tons

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
5"	3	Nitro-Glycerin	30 qts	2-2-41	3803-3930	3944
4 1/2"	2	" "	30 qts	"		
4 1/2"	2	" "	20 qts	"		

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3964 feet, and from 3964 feet to 4046 deepening feet

DATES

Put to producing February 7, 1941

The production for the first 24 hours was 500 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

Art Gormley _____, Driller Jim Nellis _____, Driller
Pat Gormley _____, Driller S. M. Munnerlyn _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	55		Sand and caliche
55	350		Red mud
350	470		Red shale
470	775		" mud
775	800		Anhyd.
800	810		Red mud
810	935		Anhyd.
935	960		Mud
960	977		Red beds & gyp
977	990		Salt
990	1035		Salt & polyhalite
1035	1765		Salt
1765	1795		Anhyd.
1795	1960		Salt
1960	1990		Anhyd.
1990	2000		Br. shale
2000	2035		Anhyd.
2035	2050		Salt
2050	2545		Anhyd.
2545	2565		Lime
2565	2700		Anhyd.
2700	2725		Gray anhyd.
2725	2780		Anhyd. & Lime
2780	2825		Anhyd.
2825	2865		Gray lime

(OVER)

FORMATION RECORD—CONTINUED

FROM-	TO-	TOTAL FEET	FORMATION
2865	3110	3110	Anhyd. - shale
3110	3115	3115	Red sand
3115	3140	3140	Sand & anhyd.
3140	3185	3185	Lime
3185	3475	3475	Lime - Anhyd. - Shale
3475	3808	3808	Lime
3808	3847	3847	Sand
3847	3853	3853	Sandy lime
3853	3915	3915	Lime
3915	3928	3928	Lime, gray & br.
3928	3964	3964	Lime
3964	4076	4076	Lime
4076	3988		Deepening
3988			

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 "struck" or left in the well, give its size and location. If the well has been dynamited, give date, 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.

Company _____ Address _____
Location _____
Date _____
Casing _____
No. of rods _____
No. of pumps _____
No. of valves _____
No. of tests _____
No. of shots _____
No. of dynamite _____
No. of casing _____
No. of plugs _____
No. of bridges _____
No. of water _____
No. of gas _____
No. of oil _____
No. of sand _____
No. of shale _____
No. of limestone _____
No. of granite _____
No. of basalt _____
No. of gneiss _____
No. of schist _____
No. of mica _____
No. of quartz _____
No. of feldspar _____
No. of hornblende _____
No. of amphibole _____
No. of pyroxene _____
No. of olivine _____
No. of calcite _____
No. of dolomite _____
No. of magnesite _____
No. of siderite _____
No. of hematite _____
No. of magnetite _____
No. of pyrite _____
No. of marcasite _____
No. of galena _____
No. of sphalerite _____
No. of copper _____
No. of lead _____
No. of zinc _____
No. of nickel _____
No. of cobalt _____
No. of manganese _____
No. of iron _____
No. of aluminum _____
No. of silicon _____
No. of oxygen _____
No. of hydrogen _____
No. of carbon _____
No. of nitrogen _____
No. of phosphorus _____
No. of sulfur _____
No. of chlorine _____
No. of bromine _____
No. of iodine _____| U. S. GOVERNMENT PRINTING OFFICE 10-43064-1 | | | |