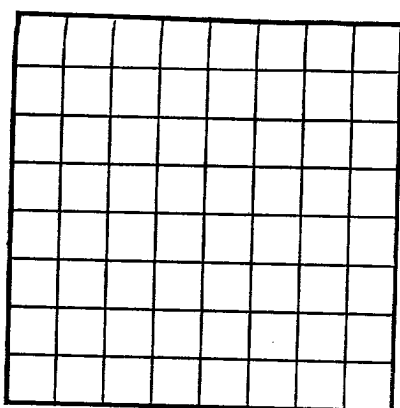


U. S. LAND OFFICE Las CrucesSERIAL NUMBER 029392-A

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, N. M.
Lessor or Tract Hinkle Field Shugart State New Mexico
Well No. 2 Sec. 34 T. 18 R. 31 Meridian N.M.P.M. County Eddy
Location 230 ft. N. of S Line and 990 ft. E. of E Line of 34-18-31 Elevation _____
(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 _____

Date _____ Title _____

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

Commenced drilling Sept. 18, 1940 Finished drilling Nov. 20, 1940

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2678 to 2698 0 No. 4, from _____ to _____
No. 2, from 3372 to 3380 G No. 5, from _____ to _____
No. 3, from 3395 to 3402 0 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	S.H.	970	Common				
7"	20#	8	Pitts	33.0	"				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	970'	50	Halliburton		
7"	33.0'	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
	6"	Nitro	90 qts.	11-21	3608-25	3627
	5 1/2"	"	140 "	11-26	3395-3432	"

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 3627 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Dec. 11, 1940The production for the first 24 hours was 50 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

W. T. Albert _____, Driller S. E. Chipman _____, Driller

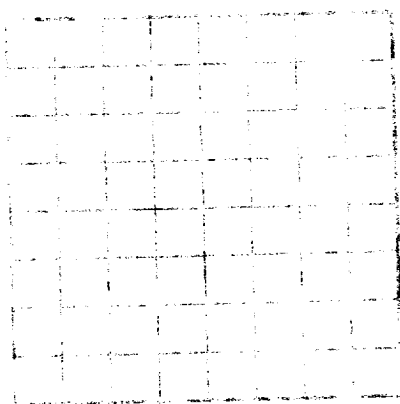
M. W. Lapsley _____, Driller Jim Hammond _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	75		Caliche & gyp & red bed
75	100		Red mud
100	120		Gray shale
120	145		Caliche
145	275		Red bed & rock
275	355		Muddy shale
355	748		Red bed
748	888		Anhyd. & red rock
888	900		" & salt
900	920		"
920	924		Shale
924	934		Anhyd.
934	948		Russell Lime
948	962		Shale
962	970		Anhyd.
970	980		Anhyd. & lime
980	987		" & salt
987	1000		Red & salt
1000	1160		Salt
1160	1177		Anhyd.
1177	1245		Salt
1245	1297		" potash & poly.
1297	1492		"
1492	1547		" & anhyd., shelly
1547	1618		"
1618	1635		Anhyd. & lime shells

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
BUREAU OF REVENUE



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.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
1635	2625	2625	Salt
2025	2047	2233	Anhyd. salt & shale
2047	2233	2243	Anhyd. & poly.
2233	2243	2432	" & br. lime
2243	2432	2445	Gray lime
2445	2518	2518	Anhyd. & shale
2518	2552	2552	Red rock, shale
2552	2562	2562	Anhyd. & br. shale
2562	2579	2579	"
2579	2592	2592	Lime & anhyd.
2592	2602	2602	Anhyd. & shale
2602	2620	2620	" , red rock
2620	2625	2625	White lime
2625	2652	2652	Br. lime & anhyd.
2652	2665	2665	Gray lime
2665	2675	2675	Sand & shale
2675	2678	2678	Shale
2678	2698	2698	Oil sand
2698	2714	2714	Sand
2714	2724	2724	Anhyd. & br. lime
2724	2749	2749	Shale & shells
2749	2769	2769	Sand rock, lime shells
2769	3627	3627	Lime