

U. S. LAND OFFICE Las CrucesSERIAL NUMBER 029410LEASE OR PERMIT TO PROSPECT LeaseUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Carper Drilling Company Address Artesia, New Mexico
Lessor or Tract _____ Field Maljamar State New Mexico
Well No. 2 Sec. 29 T. 17 R. 32 Meridian N.M.P.M. County Lea
Location 1980 ft. N. of N Line and 660 ft. E. of E Line of 29-17-32 Elevation _____
(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.

Date August 9, 1940 Signed Grady Booker
Title Partner

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

Commenced drilling June 7, 1940 Finished drilling August 2, 1940
Finished deepening July 5, 1944

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2295 to 2310 0 & G No. 4, from 3929 to 3937
No. 2, from 3755 to 3777 0 No. 5, from 3950 to 3959
No. 3, from 3878 to 3885 No. 6, from 4002 to 4019

IMPORTANT WATER SANDS

No. 1, from 4039 to 4045 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#	10	S.H.	860'	Common				
7"	20#	8	S.H.	3560'	Common				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	860'	50 El Toro	Halliburton		
7"	3560'	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
4 1/2		Nitro-Glycerin	180 Qt.	8-2	3750-3805	3810
						4082—deepening depth

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ 0 feet to 4082 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing August 6, 1940

The production for the first 24 hours was 200 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

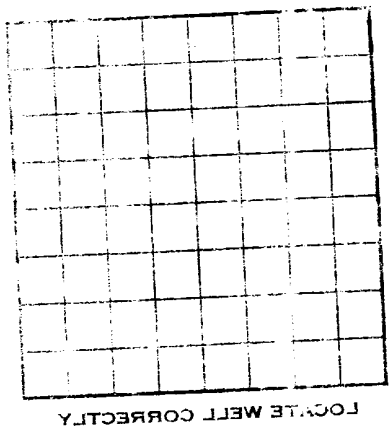
C. A. Pyatt, Driller Ray Warner, Driller
M. A. Lapsley, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	85		Surface sand and caliche
85	105		Sand Stone
105	755		Shale
755	835		Gyp
835	910		Anhyd.
910	915		Red Rock
915	920		Anhyd.
920	965		Anhyd. & red rock
965	1080		Red rock & salt
1080	1375		Salt & red rock
1375	1415		Gyp
1415	1530		Salt & Gyp
1530	1745		Salt
1745	1785		Potash
1785	1925		Salt & Gyp
1925	2423		Anhyd.
2423	2427		Sand & gravel
2427	2995		Anhyd.
2995	3000		Gray lime
3000	3080		Anhyd. & lime
3080	3100		Brown sand
3100	3425		Brown - gray lime & anhyd.
3425	3455		Anhyd. & red rock
3455	3525		Gray lime
3525	3540		Anhyd.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company _____
Lessor or Tract _____
Well No. _____
Location _____
The information given herewith is a complete and correct record of the work and all work done, shown so far as can be determined from all available records.

_____ signed _____

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

Commenced drilling _____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

ABUNDANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____

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 "idled" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If pipes 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

FORMATION RECORD			
FROM	TO	TOTAL FEET	FORMATION
0	32	32	Gray or white lime
32	32.5	32.5	Hard white lime
32.5	33	33	Hard white lime
33	33.5	33.5	Hard white lime
33.5	34	34	Hard white lime
34	34.5	34.5	Hard white lime
34.5	35	35	Hard white lime
35	35.5	35.5	Hard white lime
35.5	36	36	Hard white lime
36	36.5	36.5	Hard white lime
36.5	37	37	Hard white lime
37	37.5	37.5	Hard white lime
37.5	38	38	Hard white lime
38	38.5	38.5	Hard white lime
38.5	39	39	Hard white lime
39	39.5	39.5	Hard white lime
39.5	40	40	Hard white lime
40	40.5	40.5	Hard white lime
40.5	41	41	Hard white lime
41	41.5	41.5	Hard white lime
41.5	42	42	Hard white lime
42	42.5	42.5	Hard white lime
42.5	43	43	Hard white lime
43	43.5	43.5	Hard white lime
43.5	44	44	Hard white lime
44	44.5	44.5	Hard white lime
44.5	45	45	Hard white lime
45	45.5	45.5	Hard white lime
45.5	46	46	Hard white lime
46	46.5	46.5	Hard white lime
46.5	47	47	Hard white lime
47	47.5	47.5	Hard white lime
47.5	48	48	Hard white lime
48	48.5	48.5	Hard white lime
48.5	49	49	Hard white lime
49	49.5	49.5	Hard white lime
49.5	50	50	Hard white lime
50	50.5	50.5	Hard white lime
50.5	51	51	Hard white lime
51	51.5	51.5	Hard white lime
51.5	52	52	Hard white lime
52	52.5	52.5	Hard white lime
52.5	53	53	Hard white lime
53	53.5	53.5	Hard white lime
53.5	54	54	Hard white lime
54	54.5	54.5	Hard white lime
54.5	55	55	Hard white lime
55	55.5	55.5	Hard white lime
55.5	56	56	Hard white lime
56	56.5	56.5	Hard white lime
56.5	57	57	Hard white lime
57	57.5	57.5	Hard white lime
57.5	58	58	Hard white lime
58	58.5	58.5	Hard white lime
58.5	59	59	Hard white lime
59	59.5	59.5	Hard white lime
59.5	60	60	Hard white lime
60	60.5	60.5	Hard white lime
60.5	61	61	Hard white lime
61	61.5	61.5	Hard white lime
61.5	62	62	Hard white lime
62	62.5	62.5	Hard white lime
62.5	63	63	Hard white lime
63	63.5	63.5	Hard white lime
63.5	64	64	Hard white lime
64	64.5	64.5	Hard white lime
64.5	65	65	Hard white lime
65	65.5	65.5	Hard white lime
65.5	66	66	Hard white lime
66	66.5	66.5	Hard white lime
66.5	67	67	Hard white lime
67	67.5	67.5	Hard white lime
67.5	68	68	Hard white lime
68	68.5	68.5	Hard white lime
68.5	69	69	Hard white lime
69	69.5	69.5	Hard white lime
69.5	70	70	Hard white lime
70	70.5	70.5	Hard white lime
70.5	71	71	Hard white lime
71	71.5	71.5	Hard white lime
71.5	72	72	Hard white lime
72	72.5	72.5	Hard white lime
72.5	73	73	Hard white lime
73	73.5	73.5	Hard white lime
73.5	74	74	Hard white lime
74	74.5	74.5	Hard white lime
74.5	75	75	Hard white lime
75	75.5	75.5	Hard white lime
75.5	76	76	Hard white lime
76	76.5	76.5	Hard white lime
76.5	77	77	Hard white lime
77	77.5	77.5	Hard white lime
77.5	78	78	Hard white lime
78	78.5	78.5	Hard white lime
78.5	79	79	Hard white lime
79	79.5	79.5	Hard white lime
79.5	80	80	Hard white lime
80	80.5	80.5	Hard white lime
80.5	81	81	Hard white lime
81	81.5	81.5	Hard white lime
81.5	82	82	Hard white lime
82	82.5	82.5	Hard white lime
82.5	83	83	Hard white lime
83	83.5	83.5	Hard white lime
83.5	84	84	Hard white lime
84	84.5	84.5	Hard white lime
84.5	85	85	Hard white lime
85	85.5	85.5	Hard white lime
85.5	86	86	Hard white lime
86	86.5	86.5	Hard white lime
86.5	87	87	Hard white lime
87	87.5	87.5	Hard white lime
87.5	88	88	Hard white lime
88	88.5	88.5	Hard white lime
88.5	89	89	Hard white lime
89	89.5	89.5	Hard white lime
89.5	90	90	Hard white lime
90	90.5	90.5	Hard white lime
90.5	91	91	Hard white lime
91	91.5	91.5	Hard white lime
91.5	92	92	Hard white lime
92	92.5	92.5	Hard white lime
92.5	93	93	Hard white lime
93	93.5	93.5	Hard white lime
93.5	94	94	Hard white lime
94	94.5	94.5	Hard white lime
94.5	95	95	Hard white lime
95	95.5	95.5	Hard white lime
95.5	96	96	Hard white lime
96	96.5	96.5	Hard white lime
96.5	97	97	Hard white lime
97	97.5	97.5	Hard white lime
97.5	98	98	Hard white lime
98	98.5	98.5	Hard white lime
98.5	99	99	Hard white lime
99	99.5	99.5	Hard white lime
99.5	100	100	Hard white lime
100	100.5	100.5	Hard white lime
100.5	101	101	Hard white lime
101	101.5	101.5	Hard white lime
101.5	102	102	Hard white lime
102	102.5	102.5	Hard white lime
102.5	103	103	Hard white lime
103	103.5	103.5	Hard white lime
103.5	104	104	Hard white lime
104	104.5	104.5	Hard white lime
104.5	105	105	Hard white lime
105	105.5	105.5	Hard white lime
105.5	106	106	Hard white lime
106	106.5	106.5	Hard white lime
106.5	107	107	Hard white lime
107	107.5	107.5	Hard white lime
107.5	108	108	Hard white lime
108	108.5	108.5	Hard white lime
108.5	109	109	Hard white lime
109	109.5	109.5	Hard white lime
109.5	110	110	Hard white lime
110	110.5	110.5	Hard white lime
110.5	111	111	Hard white lime
111	111.5	111.5	Hard white lime
111.5	112	112	Hard white lime
112	112.5	112.5	Hard white lime
112.5	113	113	Hard white lime
113	113.5	113.5	Hard white lime
113.5	114	114	Hard white lime
114	114.5	114.5	Hard white lime
114.5	115	115	Hard white lime
115	115.5	115.5	Hard white lime
115.5	116	116	Hard white lime
116	116.5	116.5	Hard white lime
116.5	117	117	Hard white lime
117	117.5	117.5	Hard white lime
117.5	118	118	Hard white lime
118	118.5	118.5	Hard white lime
118.5	119	119	Hard white lime
119	119.5	119.5	Hard white lime
119.5	120	120	Hard white lime
120	120.5	120.5	Hard white lime
120.5	121	121	Hard white lime
121	121.5	121.5	Hard white lime
121.5	122	122	Hard white lime
122	122.5	122.5	Hard white lime
122.5	123	123	Hard white lime
123	123.5	123.5	Hard white lime
123.5	124	124	Hard white lime
124	124.5	124.5	Hard white lime
124.5	125	125	Hard white lime
125	125.5	125.5	Hard white lime
125.5	126	126	Hard white lime
126	126.5	126.5	Hard white lime
126.5	127	127	Hard white lime
127	127.5	127.5	Hard white lime
127.5	128	128	Hard white lime
128	128.5	128.5	Hard white lime
128.5	129	129	Hard white lime
129	129.5	129.5	Hard white lime
129.5	130	130	Hard white lime
130	130.5	130.5	Hard white lime
130.5	131	131	Hard white lime
131	131.5	131.5	Hard white lime
131.5	132	132	Hard white lime
132	132.5	132.5	Hard white lime
132.5	133	133	Hard white lime
133	133.5	133.5	Hard white lime
133.5	134	134	Hard white lime
134	134.5	134.5	Hard white lime
134.5	135	135	Hard white lime
135	135.5	135.5	Hard white lime
135.5	136	136	Hard white lime
136	136.5	136.5	Hard white lime
136.5	137	137	Hard white lime
137	137.5	137.5	Hard white lime
137.5	138	138	Hard white lime
138	138.5	138.5	Hard white lime
138.5	139	139	Hard white lime
139	139.5	139.5	Hard white lime
139.5	140	140	Hard white lime
140	140.5	140.5	Hard white lime
140.5	141	141	Hard white lime
141	141.5	141.5	Hard white lime
141.5	142	142	Hard white lime
142	142.5	142.5	Hard white lime
142.5	143	143	Hard white lime
143	143.5	143.5	Hard white lime
143.5	144	144	Hard white lime
144	144.5	144.5	Hard white lime
144.5	145	145	Hard white lime
145	145.5	145.5	Hard white lime
145.5	146	146	Hard white lime
146	146.5	146.5	Hard white lime
146.5	147	147	Hard white lime
147	147.5	147.5	Hard white lime
147.5	148	148	Hard white lime
148	148.5	148.5	Hard white lime
148.5	149	149	Hard white lime
149	149.5	149.5	Hard white lime
149.5	150	150	Hard white lime
150	150.5	150.5	Hard white lime
150.5	151	151	Hard white lime
151	151.5	151.5	Hard white lime
151.5	152	152	Hard white lime
152	152.5	152.5	Hard white lime
152.5	153	153	Hard white lime
153	153.5	153.5	Hard white lime
153.5	154	154	Hard white lime
154	154.5	154.5	Hard white lime
154.5	155	155	Hard white lime
155	155.5	155.5	Hard white lime
155.5	156	156	Hard white lime
156	156.5	156.5	Hard white lime
156.5	157	157	Hard white lime
157	157.5	157.5	Hard white lime
157.5	158	158	Hard white lime
158	158.5	158.5	Hard white lime
158.5	159	159	Hard white lime
159	159.5	159.5	Hard white lime
159.5	160	160	Hard white lime
160	160.5	160.5	Hard white lime
160.5	161	161	Hard white lime
161	161.5	161.5	Hard white lime
161.5	162	162	Hard white lime
162	162.5	162.5	Hard white lime
162.5	163	163	Hard white lime
163	163.5	163.5	Hard white lime
163.5	164	164	Hard white lime
164	164.5	164.5	Hard white lime
164.5	165	165	Hard white lime
165	165.5	165.5	Hard white lime
165.5	166	166	Hard white lime
166	166.5	166.5	Hard white lime
166.5	167	167	Hard white lime
167	167.5	167.5	Hard white lime
167.5	168	168	Hard white lime
168	168.5	168.5	Hard white lime
168.5			