

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029438-B
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 Company Address Artesia, N. M.
Lessor or Tract Johnson Field Square Lake State New Mexico
Well No. 5-B Sec. 34 T. 16 R. 31 Meridian NMPM County Eddy
Location 1980 ft. {N.} of S Line and 1980 ft. {E.} of W Line of 34-16-31 Elevation _____
(Derivat 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 Jan. 5, 19 46 Finished drilling March 23, 19 46

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3450 to 3480 o & g No. 4, from _____ to _____
No. 2, from 3505 to 3525 " No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2860 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 1/4"	28#	8	S.H.	810	Tex. Pat.				
7"	20#	8	Ref. 1.	2895	Guide shoe-salvaged				
5 1/2"	14#	8	"	3473	"				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/4"	810	50 sacks	Halliburton		
7"	2895	Mudded with aquagel			40 sax
5 1/2"	3473	100 sacks	"		25 "

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
3 1/2"		Nitro	60 qts	3-16-46	3450-80	
2 1/2"		"	25	"	3480-3505	
3 1/2"		"	40 "	"	3505-25	3537'

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3537 feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing March 23, 19 46.The production for the first 24 hours was 135 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

M. A. Mapes, Driller W. T. Martin, DrillerMart Murphy, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10		Sand
10	25		Gyp
25	635		Red rock & shale
635	780		Anhyd.
780	803		Red bed & br. shale
803	1535		Salt
1535	1585		" & poly.
1585	1795		"
1795	2510		Anhyd.
2510	2555		" & lime
2555	2695		"
2695	2730		" & shale
2730	2865		Anhyd.
2865	2885		Red sand
2885	3290		Anhyd.
3290	3305		Gray lime
3305	3340		Lime
3340	3347		Shale, broken
3347	3360		Lime & Anhyd.
3360	3375		Anhyd. & shale
3375	3415		Lime
3415	3425		Shale breaks
3425	3429		Lime
3429	3435		Shale breaks
3435	3537		Lime

(OVER)

16-43094-2

1. DATE OF BIRTH _____
2. PLACE OF BIRTH _____
3. DATE OF DEATH _____
4. PLACE OF DEATH _____
5. DATE OF BURIAL _____
6. PLACE OF BURIAL _____
7. DATE OF CREMATION _____
8. PLACE OF CREMATION _____
9. DATE OF INTERMENT _____
10. PLACE OF INTERMENT _____
11. DATE OF EXHUMATION _____
12. PLACE OF EXHUMATION _____
13. DATE OF REINTERMENT _____
14. PLACE OF REINTERMENT _____
15. DATE OF REMOVAL _____
16. PLACE OF REMOVAL _____
17. DATE OF RETURN _____
18. PLACE OF RETURN _____
19. DATE OF DESTRUCTION _____
20. PLACE OF DESTRUCTION _____
21. DATE OF RECONSTRUCTION _____
22. PLACE OF RECONSTRUCTION _____
23. DATE OF REPAIR _____
24. PLACE OF REPAIR _____
25. DATE OF RENOVATION _____
26. PLACE OF RENOVATION _____
27. DATE OF REDEMPTION _____
28. PLACE OF REDEMPTION _____
29. DATE OF REDEMPTION _____
30. PLACE OF REDEMPTION _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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

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.

Location of [] of [] and [] of [] line of [] Elevation [] (Circle box contains true feet)

Well No. [] Sec. [] T. [] N. [] E. Meridian [] County [] State []

Season or Time of [] Field [] Address [] Company []

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

Date _____

Time _____

Signed _____

GIL OR GAS SANDS OR ZONES

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

1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309</
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CASING RECORD

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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 "backtracked" 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

U. S. GOVERNMENT PRINTING OFFICE

[illegible]

FORMATION RECORD—Continued