

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 056548
LEASE OR PERMIT TO PROSPECT Wells

RO-770

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares. The grid is used for plotting the graph of the function $y = \sin^{-1} x$.

Company R. Olsen Address Drawer "Z" Jal, N. M.
 Lessor or Tract Kells Field Langley Water State N.M.
 Well No. 2 Sec. 5 T. 25S R. 37E Meridian N.M. County Lincoln
 Location 660 ft. { N. of S. Line and 810 ft. { E. of W. Line of Sec. 5 Elevation 3182.5
 (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.

Date 1-9-56

Title

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

Commenced drilling 11-28, 19 55. Finished drilling 12-17, 19 55.

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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

CASING RECORD							Perforated		Purpose
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	
8-5/8"	23 1/2	8 rd.		300'	Guide				
5-1/2"	15 1/2	8 rd.		300'	Guide				
Guidelines for casing record: This record is to be kept for each well and should be filled out as the casing is run. It should show the size, weight, and length of each section of casing, the kind of shoe used, and the location where it was cut and pulled from. The purpose of this record is to provide a complete history of the well casing.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	250'	250 .	circulated		
5-1/2"	255'	50 sks	throw 2-staged.		
Guide shoe & float collar		200 sks	Howco		

PLUGS AND ADAPTERS

PLUGS AND ADAPTERS

Heaving plug—Material ~~Baker Magnesium~~ Length _____ Depth set **3345**

Adapters—Material _____ Size: _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
With 4 jet shots per foot, perforated from 3200 to 3250' & from 3280' to 3340'.						

TOOLS USED

TOOLS USED

Rotary tools were used from 0 feet to 3356 feet, and from 3356 feet to 3440 feet

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

DATES

Put to producing 1-12-56, 1956

The production for the first 24 hours was 50 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

EMPLOYEES

_____	Driller	_____	Driller
_____	Driller	_____	Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
Drillers Log:			
0	1103	1103	Red beds and sand
1103	2443	1340	Anhydrite and salt
2443	2830	387	Anhydrite and lime
2830	3022	192	lime
3022	3356	334	Lime and sand
			Tops (Geological)
			Yates 2890'
			7 River 3285 3130
			Queen 3360'

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

MY COMMISSION EXPIRES OCTOBER 28, 1959

LOCATE WELL CORRECTLY

[illegible]

Company
Lessor or Trust
Well No. Sec. T. R. S. Meridian
Location of line and line and
The information given herewith is a complete and correct record of the well and all work done thereon
Subscribed and sworn to before me this the 11 day of February 1952
Signed
Time
Date
The summary on this page is for the condition of the well at above date.
Commenced drilling
Finished drilling
19

OIL OR GAS SANDS OR ZONES

[illegible]

CASINO RECORD

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 pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Size of well	Depth	Threats bet. them	Minerals	Amount	Kind of stone	Time and place from	From - To -	Purpose

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

RECORDING AND INDEXING

[illegible]

PLUGS AND ADAPTERS

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	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348</
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SHOOTING RECORD

[illegible]

TOOL USED

	Test tools were used from	test to	test and from	test to	test

DATE

The production for the first 24 hours was 100% water and 0% sediment	Put to producing 100% water and 0% sediment
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2370194

Driller	Driller	Driller	Driller
Driller	Driller	Driller	Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
10-1000-8			