

M. O. C. C. COPY

Las Cruces
U. S. LAND OFFICE
L. C. 063613
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES

FEB 18 1960

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

ARTESIA OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Elwyn C. & Mabel E. Hale Address Piedmont, California
Lessor or Tract Federal Field Culwin State N. M.
Well No. 1 Sec. 1 T. 19S R. 30E Meridian N M P M County Eddy
Location 1980 ft. N of N Line and 1980 ft. E of E Line of 1-19S-30E Elevation 3510
(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

A. L. LaymanDate January 15, 1960Title Consulting Geologist

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

Commenced drilling 12/27, 1959 Finished drilling 1/8, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3084 to 3111 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. 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—	
5 5/8	760	7.5	2 1/2	150	pump				
5 1/2	3317	150							

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 5/8	760	7.5	pump		
5 1/2	3317	150			

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

TOOLS USED

Rotary tools were used from 0 feet to 3330 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

1/15/60, 19____ Put to producing 1/15, 1960

The production for the first 24 hours was 48 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

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Caliche
25	750	725	Red Beds
750	1950	1200	Salt
1950	2210	260	Anhy.
2210	2450	240	Anhy & sd. strgs.
2450	2625	175	sd. w/ dolo. strgs
2625	2860	235	dolo. & anhy "
2860	2925	65	sd. & dolo. "
2925	3070	135	dolo. w/anhy. "
3070	3118	48	sd.
3118	3330	212	dolo. w/ sd.

pB 3317

Log Queen 3066 Elwyn

UNITED STATES
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LOCATE WELL CORRECTLY

A blank sheet of white paper featuring a light gray grid pattern. The grid consists of evenly spaced horizontal and vertical lines, creating a series of small squares across the entire page. There are no margins, text, or other markings on the paper.

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

OR OR GAS SANDS OR ZONES

(b) (5) DPP, (b) (5) ACP

No. 1 from _____
 Ran 760' of 8 5/8" 4 1/2 csg. IMPROVED WATER SANDS
 tested 1000 PSI for 30 min,
 contained water shut-off. Drilled to 3330' and ran 3317' of
 No. 2 from _____
 1 1/2" 1-52 csg. Perforated 1-52-3117. Sand-oil
 tested w/20,000 gal. of oil and 60,000' of sd. Maximum
 No. 3 from _____
 pressure was 3400', min. pressure was 2300'. Recovered load
 No. 4 from _____
 40 lbs. line 2 1/2 hrs.

CASING RECORD

Serial No.	Depth	Thickness of shell	Stake	Amount	Kind of shoe	Cut and pulled from	From To	Purposes
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redbilling, 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 substituted, 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

16-58004-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

[illegible]

TOOLT USED

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	2349</
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DATE

It was well over 24 hours	Gallons gasoline per 1,000 cu. ft. of gas
% water; and % sediment.	Gravity, ° Bé.
The production for the first 24 hours was	barrels of fluid of which % was oil;
	Pure producing

EMPLOYEES

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FORMATION RECORD

FORMATION	THICKNESS	DEPTH	LOG
1. Sandstone	10	10	10
2. Sandstone	10	20	20
3. Sandstone	10	30	30
4. Sandstone	10	40	40
5. Sandstone	10	50	50
6. Sandstone	10	60	60
7. Sandstone	10	70	70
8. Sandstone	10	80	80
9. Sandstone	10	90	90
10. Sandstone	10	100	100

FORMATION RECORD—Continued

FORMATION**TOTAL FEET**

TO

FROM-