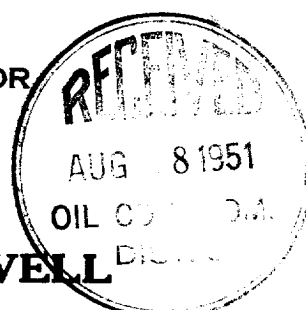


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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 3, 1951 Signed Van Thompson
Title Chief Engineer

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

Commenced drilling June 4, 1951 Finished drilling July 21, 1951

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 _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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—	
10-3/4"				163'					
5-1/8"				505'					
2"				795'					
				HISTORIA DE OIT ON 572 MEET					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	163'	75	Halliburton		
5-1/2"	5058'	200	"		

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
		Nitroglycerine	893 qts.	7/22	5114-5435	5400'

TOOLS USED

Rotary tools were used from 0 feet to 5058' feet, and from _____ feet to _____ feet.

Cable tools were used from 5058' feet to 5435' feet, and from _____ feet to _____ feet.

DATES

July 23, 1951 Put to producing _____, 19____

The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours 1660 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1040**

EMPLOYEES

McConnell Drilling Corporation, Driller for Rotary _____, Driller

Southern Union Gas Company _____, Driller for Cable _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	191	191	Sand, Shale, Surface Clay
191	715	524	Sand & Shale
715	1153	438	Sandy Shale
1153	1607	454	Sand & Shale
1607	1757	150	Shale
1757	2494	737	Sand & Shale
2494	2703	209	Shale
2703	2932	229	Sand & Shale-Top Pictured Cliff 2817' (✓ 3440) Top Lewis 2910' (✓ 3347)
2932	3011	79	Hard Sand
3011	3165	154	Sand & Shale
3165	3185	20	Hard Shale
3185	3250	65	Sand & Shale
3250	3900	650	Shale
3900	4187	1287	Sand & Shale
4187	4250	63	Shale
4250	4298	48	Sand & Shale
4298	4410	112	Hard Sand-Top Cliff House 4360' (✓ 1897')
4410	4443	33	Sand w/ Shale Streaks
4443	4598	155	Sand & Shale-Top Menefee 4520' (✓ 1737')
4598	4755	157	Hard Sand
4755	5058	303	Sand & Shale
5058	5065	7	Sand
5065	5070	5	Shale
5070	5210	140	Sand - Top Point Lookout 5107' (✓ 1145)
LEON--	LO--	LOLYT LEE	LOHMYLION

~~(S)~~

~~16-43004-2~~

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TOP OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank sheet of white graph paper with a light gray grid pattern. The grid consists of small squares, approximately 1 cm by 1 cm. There are no margins or text on the page.

The information given here with is a complete and correct record of his well and all work done thereon so far as can be determined from all available records.

Location of _____ of _____ line and _____ of _____

Well No. _____ Section _____ Township _____ Range _____

Person or Firm _____

County _____ State _____

This is _____

Company _____

_____ ~~CONFIDENTIAL~~ _____ ~~SECRET~~ _____
 _____ ~~CONFIDENTIAL~~ _____ ~~SECRET~~ _____
 _____ ~~CONFIDENTIAL~~ _____ ~~SECRET~~ _____
 _____ ~~CONFIDENTIAL~~ _____ ~~SECRET~~ _____

100-443887-1000

$$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$$

.....most, 8.6%not, 1.6%

SECRET

[illegible]

If the well has been dynamited, give date, size, position, and number of 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

NUBBING AND CEMENTING RECORD

born born to born	give birth	born birth	born to born	born to	born

DATE	1941	1941	1941
TIME	0000	1200	1800

FORM NO. 10-75 (REV. 1-75) GSA GEN. REG. NO. 27

Leaving plug	Material	Length	Depth set
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SHOOTING RECORD

Case	Death date	Exclusive use	Quantity	Date	Death date	Death cause
		exclusive use	Quantity	Date	Death date	Death cause

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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Rotary tools were used from	0	feet to	feet and from	feet to	feet
TOOLS USED					

DATE		DESCRIPTION	AMOUNT	CHECK NO.	REMARKS
1961	12	to 1961	100.00		Capitol tools were used from
1961	12	to 1961	100.00		Capitol tools were used from

19	Part of	19	Part of
20	Part of	20	Part of

..... , 1938	, 1938	, 1938	, 1938
---------------------------------------	---------------------------------------	---------------------------------------	---------------------------------------

Back pressure has not been found

If gas well, set at 4 hours 11

Callons gasoline per 1,000 cu ft of gas

[illegible]

DATE	TIME	LOCATION	OFFICER	REMARKS
11/11/61	10:00	1000 1st St. S.W.	Det. [illegible]	[illegible]

FORMER	TOTAL	-OT	-MOSI
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Handwritten: 100-100000, 100-100000, 100-100000	100	100	100

of 100	100	100	100
of 100	100	100	100
of 100	100	100	100

1001	1001	1001	1001
1002	1002	1002	1002
1003	1003	1003	1003
1004	1004	1004	1004
1005	1005	1005	1005
1006	1006	1006	1006
1007	1007	1007	1007
1008	1008	1008	1008
1009	1009	1009	1009
1010	1010	1010	1010
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1012	1012	1012	1012
1013	1013	1013	1013
1014	1014	1014	1014
1015	1015	1015	1015
1016	1016	1016	1016
1017	1017	1017	1017
1018	1018	1018	1018
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1087	1087	1087	1087

[illegible]

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	2350	2351	2352	2353	2354	2355</
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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
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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

afm 12 1 1964	afm 12 1 1964	afm 12 1 1964	afm 12 1 1964
afm 12 1 1964	afm 12 1 1964	afm 12 1 1964	afm 12 1 1964
afm 12 1 1964	afm 12 1 1964	afm 12 1 1964	afm 12 1 1964

10001	10002	10003	10004	10005	10006	10007	10008	10009	10010	10011	10012	10013	10014	10015	10016	10017	10018	10019	10020	10021	10022	10023	10024	10025	10026	10027	10028	10029	10030	10031	10032	10033	10034	10035	10036	10037	10038	10039	10040	10041	10042	10043	10044	10045	10046	10047	10048	10049	10050	10051	10052	10053	10054	10055	10056	10057	10058	10059	10060	10061	10062	10063	10064	10065	10066	10067	10068	10069	10070	10071	10072	10073	10074	10075	10076	10077	10078	10079	10080	10081	10082	10083	10084	10085	10086	10087	10088	10089	10090	10091	10092	10093	10094	10095	10096	10097	10098	10099	10100
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0625	0625	05	0625	0625
0625	0625	05	0625	0625
0625	0625	05	0625	0625
0625	0625	05	0625	0625

[illegible]

FROM-	TO-	TOTAL FEET	FORMATION

FORMATION RECORD—Continued