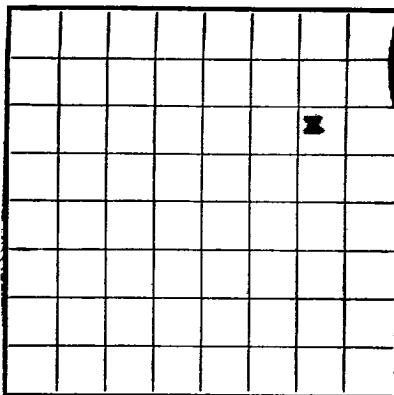
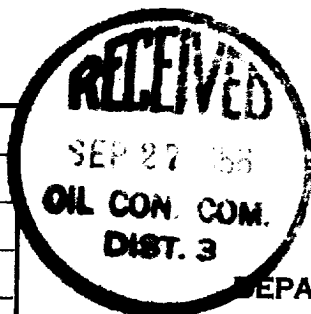




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 612708
LEASE OR PERMIT TO PROSPECT 1/2
of Sec. 30UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Dalhi-Taylor Oil Corporation Address P. O. Box 1175, Farmington, New Mexico
Lessor or Tract Ran R. Howell Field Blanco State New Mexico
Well No. 1 Sec. 30 T. 30N R. 8W Meridian NMPM County San Juan
Location 1475 ft. S. of N Line and 1090 ft. W. of E Line of Sec. 30 Elevation 5808
(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 J. B. Howell
Date September 24, 1956 Signed by F. L. Maxwell Title Dist. Supt.

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

Commenced drilling August 29, 1956 Finished drilling September 13, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4214 to 4297 (G) No. 4, from _____ to _____
No. 2, from 4714 to 4832 (G) 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—	
<u>10 3/4</u>	<u>32.75</u>	<u>8</u>	<u>Hot 1</u>	<u>127</u>	<u>None</u>				<u>Surface</u>
<u>7 5/8</u>	<u>26.50</u>	<u>8</u>	<u>Hot 1</u>	<u>250</u>	<u>None</u>				<u>Intermediate</u>
<u>5 1/2</u>	<u>19.00</u>	<u>8</u>	<u>Hot 1</u>	<u>300</u>	<u>None</u>				<u>Production</u>
<u>2 1/2</u>	<u>6.50</u>	<u>8</u>	<u>Hot 1</u>	<u>150</u>	<u>None</u>				<u>Production</u>
<u>2 1/2</u>	<u>6.50</u>	<u>8</u>	<u>Hot 1</u>	<u>150</u>	<u>None</u>				<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10 3/4</u>	<u>310</u>	<u>150</u>	<u>Halliburton</u>		
<u>7 5/8</u>	<u>2650</u>	<u>250</u>	<u>Halliburton</u>		
<u>5 1/2</u>	<u>4908</u>	<u>300</u>	<u>Halliburton</u>		

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
<u>8 1/2</u>	<u>Procs. 4808 to 4714 w/ 33,000 gal water 29,000 gal sand</u>				<u>Pressures 3000' D.J. 65.6 BPM</u>	
<u>8 1/2</u>	<u>Procs. 4714 to 4214 w/ 33,000 gal water 30,000 gal sand</u>				<u>Pressures 1100' D.J. 72.0 BPM</u>	

TOOLS USED

Rotary tools were used from 0 w/ mm feet to 2650 feet, and from 2650 w/ mm to 4908 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

September 24, 1956 Put to producing Not connected to PL as of September 24, 1956

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 11,475 MCF Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. SI 165 Mpa. TP-1067 CP-1077

EMPLOYEES

_____, Driller O. P. Summit, Driller
_____, Driller D. J. Ryan, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1300</u>	<u>1300</u>	<u>Sand & Shale</u>
<u>1300</u>	<u>1510</u>	<u>210</u>	<u>Coarse sand - Top Ojo Alamo 1300</u>
<u>1510</u>	<u>2205</u>	<u>695</u>	<u>Sand & shale - Top Kirtland 1510</u>
<u>2205</u>	<u>2488</u>	<u>283</u>	<u>Sand, shale & coal - Top Fruitland 2205</u>
<u>2488</u>	<u>2563</u>	<u>75</u>	<u>Fine-med. sand - Top Pictured Cliffs 2488</u>
<u>2563</u>	<u>4214</u>	<u>1651</u>	<u>Shale interbedded with thin sand lenses - Top Lewis 2563</u>
<u>4214</u>	<u>4297</u>	<u>83</u>	<u>Coarse fine-med. sand - Top Cliff House 4214</u>
<u>4297</u>	<u>4714</u>	<u>417</u>	<u>Shale, coal & sand - Top Mancos 4297</u>
<u>4714</u>	<u>4832</u>	<u>118</u>	<u>Coarse fine-med. sand - Top Point Lookout 4714</u>
<u>4832</u>	<u>4908</u>	<u>76</u>	<u>Shale with thin sand lenses - Top Mancos 4832</u>
<u>T.D. 4908</u> <u>Drilled out to 4877</u>			

FROM

TO

TOTAL FEET

[OVER]

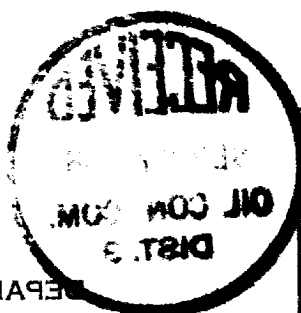
FORMATION

16-43094-3

FORMATION RECORD—Continued

U. S. LAND OFFICE
SERIAL NUMBER
PLEASE OR PERMIT TO PROSPECT
of 1900

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

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

Date _____
Signed _____
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 _____ Line and _____ Meridian
Well No. _____ Sec. _____ T. _____ R. _____ S. _____
Lessor or Tract _____
Address _____ State _____ County _____
Commenced drilling _____ Finished drilling _____
19____

OIL OR GAS SANDS OR ZONES

(G) und am 12.12.2011

No. 1, from	1001	to	1004	No. 4, from	1001	to	1004
No. 2, from	1005	to	1008	No. 5, from	1005	to	1008
No. 3, from	1009	to	1012	No. 6, from	1009	to	1012

IMPORTANT WATER SANDS

_____ of _____ month, 8, 07 _____ of _____ month, 1, 07
 _____ of _____ month, 4, 07 _____ of _____ month, 3, 07

CASING RECORD

Size Casting	Weight per foot	Threads per inch	Mark	Amount	Kind of shoe	Cut and pulled from	Perforated from— To	Purpose
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Important and greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, location, and the reason for the work and the results. If the well was changed made in the casing, state fully, and if any casing was detached or fell in the well, give its size and location. If the well has been dynamited, give date, size, position, and location. If the well was dynamited to test for water, state kind of material used, position, and results of pumping or testing.

THE HISTORY OF OIL OR GAS WELL.

[illegible]

MUDDING AND CEMENTING RECORD

Size Casting	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
4 1/2"	4000	300	not modified		
4 1/2"	3200	0	not modified		
4 1/2"	400	0	not modified		

PLUGS AND ADAPTERS

Heaving lug-Material		Length		Depth see
Adapters-Material		Six		

SHOOTING RECORD

Date	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
March 1936	to 45 lb	W. F. 800	and 20,000 lbs	Pressure 1000	Int. 75.0 ft	
March 1936	to 45 lb	W. F. 800	and 20,000 lbs	Pressure 1000	Int. 75.0 ft	

TOOLS USED

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	2356	2357	2358</
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DATE

Put to producing .. parts of fluid of which was oil; .. % Gravity °Bé. Gallons gasoline per 1,000 cu. ft. of gas	The production for the first 24 hours was % water; and .. % sediment. It gas well, cu. ft. per 24 hours .. Rock pressure lbs. per sq. in. ..
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FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION
0	1300	1300	Hard & Shale
300	1210	310	Shale sand - Top of same 1300
610	840	650	Shale & shale - Top of same 1310
810	570	580	Shale, sand & coal - Top of same 1305
810	500	30	Shale sand - Top of same 1310
900	100	100	Shale interbedded with sand lenses - Top of same 1305
910	100	10	Shale sand - Top of same 1310
920	100	10	Shale, sand & coal - Top of same 1310
930	100	10	Shale sand - Top of same 1310
940	100	10	Shale sand - Top of same 1310
950	100	10	Shale sand - Top of same 1310

FORMATION RECORD—Continued