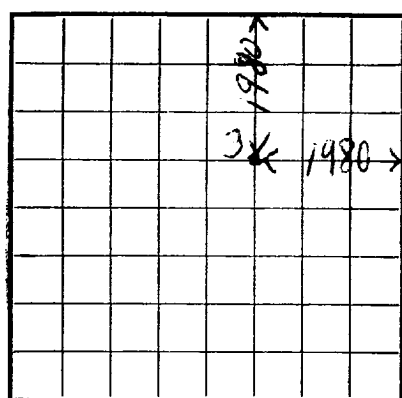


U. S. LAND OFFICE Las CrucesSERIAL NUMBER 049439 (b)

LEASE OR PERMIT TO PROSPECT

Riggs "B" Lease

UNITED STATES

Unit "G"

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Getty Oil Company - Owner

Company Tidewater Oil Company - Oper. Address Box 547 Hobbs, New MexicoLessor or Tract George Riggs "B" Field Langlie-Mattix State New MexicoWell No. 3 Sec. 1 T. 26S R. 37E Meridian NMPM County LeaLocation 1980 ft. (N) of N Line and 1980 ft. (E) of E Line of Section 1 Elevation 3032 DF
(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. P. Shackelford A. P. ShackelfordDate August 6, 1956Title Area Superintendent

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

Commenced drilling June 27, 1956 Finished drilling July 9, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3276 to 3286 No. 4, from _____ to _____No. 2, from 3292 to 3298 No. 5, from _____ to _____No. 3, from 3306 to 3319 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>8-5/8</u>	<u>22.2</u>	<u>S. J.</u>	<u>Araco</u>	<u>412'</u>	<u>Texas</u>	<u>None</u>			<u>Surface</u>
<u>5-7/8</u>	<u>18.5</u>	<u>SR</u>	<u>Araco</u>	<u>3276'</u>	<u>None</u>	<u>3276'</u>	<u>3286'</u>		<u>Production</u>
						<u>3292'</u>	<u>3298'</u>		<u>Production</u>
						<u>3306'</u>	<u>3319'</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>8-5/8</u>	<u>412'</u>	<u>300 sks. regular</u>	<u>Plug</u>		<u>Cement Circulated</u>
<u>5-1/2</u>	<u>3326'</u>	<u>1st Stage: 300 sks. Iner Neat / Plug</u>			<u>Top of cement behind</u>
		<u>2nd Stage: 250 sks. (50-50) / Plug</u>			<u>5-1/2" casing - 359'</u>
		<u>Remix & Iner 50-50 / Plug</u>			

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

Sandfrac

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>10,000</u>	<u>Gallons of Lease Crude and</u>	<u>10,000 pounds of Sand</u>				

TOOLS USED

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

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

DATES

August 6, 1956 Put to producing July 17, 1956The production for the first 24 hours was 44.35 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, 79.4 API 38

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

Rock pressure, lbs. per sq. in. 889

EMPLOYEES of R & h Olson

J. T. Spencer, Driller D. L. Bordelon, DrillerW. E. Gordon, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>308</u>	<u>308</u>	<u>Sand - Red Bed</u>
<u>308</u>	<u>835</u>	<u>527</u>	<u>Sand - Shale</u>
<u>835</u>	<u>984</u>	<u>149</u>	<u>Red Bed</u>
<u>984</u>	<u>1035</u>	<u>51</u>	<u>Sand - Anhy.</u>
<u>1035</u>	<u>1727</u>	<u>692</u>	<u>Anhy - Salt</u>
<u>1727</u>	<u>2245</u>	<u>518</u>	<u>Salt - Anhy.</u>
<u>2245</u>	<u>2718</u>	<u>473</u>	<u>Lime-Anhy.</u>
<u>2718</u>	<u>3111</u>	<u>393</u>	<u>Lime - Sand</u>
<u>3111</u>	<u>3289</u>	<u>178</u>	<u>Sand - Lime</u>
<u>3289</u>	<u>3330</u>	<u>41</u>	<u>Lime</u>

GEOLOGIC TOPS FROM GAMMA RAY LOG

Formation	Tops
<u>Anhy.</u>	<u>889</u>
<u>Yates</u>	<u>2380</u>
<u>Seven Rivers</u>	<u>2676</u>
<u>Queen</u>	<u>3112</u>
<u>Penrose</u>	<u>3216</u> Pay

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. There are some faint marks and smudges on the paper, particularly near the top center where there appears to be a small dark mark or hole. The paper is otherwise empty of any text or drawings.

LOCATE WELL CORRECTLY

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

Date _____ Title _____

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	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319</
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OIL OR GAS SANDS OR ZONES

and 2000, respectively.

No. 1 from	to	511	No. 4 from	to	514
No. 2 from	to	512	No. 5 from	to	515
No. 3 from	to	513	No. 6 from	to	516

IMPORTANT WATER SANDS

of	areal 6.0%	of	areal 1.0%
of	areal 1.0%	of	areal 8.0%

CASING RECORD

Serial	Weight per foot	Threads per inch	Make	Amount	Kind of shoe (cut and pulled from)	Strain To	Performed To	Purpose

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reaming, 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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Size casing	Weight lb	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10	1	1st stage: 300 gals. 2nd stage: 250 gals. Total: 550 gals.	Inner float / Plug		

[illegible]

PHOTOCOPY RECORD

Site	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

1961	of feet	most bare feet	of feet	most bare feet
1962	of feet	most bare feet	of feet	most bare feet

DATE

It was well out for 24 hours included 1.1% water; and 1.1% sediment The production for the first 24 hours was	But to producing the barrels of fluid of which 2% was oil; 2% (Gravity, 38.6) (Gallons gasoline per 1,000 cu. ft. of gas
--	--

EMPLOYEES

Driller	_____	Driller	_____
Driller	_____	Driller	_____

FORMATION RECORD

FORMATION	TOTAL FEET	TO-	FROM-
100	100	100	100
537	537	537	537
149	149	149	149
21	21	21	21
838	838	838	838
818	818	818	818
473	473	473	473
888	888	888	888
178	178	178	178
41	41	41	41

RECEIVED
JAN 10 1968

U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.

OFFICE OF THE SECRETARY
OF AGRICULTURE

MEMORANDUM FOR THE SECRETARY
FROM THE ASSISTANT SECRETARY
FOR POLICY AND PLANNING

SUBJECT: [Illegible]

[Illegible text follows]

FORMATION

TOTAL FEET

-0.1-

WORLD

CRMATION RECORD—Conti. d