

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC-062300
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address P.O. Box 352, Midland, Texas
Lessor or Tract G.E. Jordan Federal NCT-2 Field Paduca-Delaware State New Mexico
Well No. 2 Sec. 15 T 25-S R. 32-E Meridian NMPM County Lea
Location 660 ft. [S] of N Line and 660 ft. [W] of W Line of Section 15 Elevation 3452' (DF)
(Berrick 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 MB Hubbard

Date January 11, 1961 Title Assistant District Superintendent
The summary on this page is for the condition of the well at above date.

Commenced drilling December 31, 1960 Finished drilling January 5, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from	4688	to	4694	No. 4, from		to	
No. 2, from	4700	to	4711	No. 5, from		to	
No. 3, from		to		No. 6, from		to	

Drilled with rotary tools and no water sands tested

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—	
7-5/8" 21.000	8-2	11-40	11-40	31.8	11-40	11-40	11-40	11-40	11-40
4-1/2" 9.50	8-2	11-40	11-40	31.8	11-40	11-40	11-40	11-40	11-40
HISTORY OF OIL ON CVA WELL									
							TO: 11-40	11-40	11-40

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8"	360'	250	Howco		
4-1/2"	4745'	150	Howco		

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 _____ feet to 1.5 ft feet, and from _____ feet to _____ feet.

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

DATES

January 11, 1961 Put to producing January 10, 1961

The production for the first 24 hours was 396 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 41.3

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

B. E. Thomas

-----, Driller

Tom Helms

-----**M. B. Holland**-----, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	361	361	Caliche
361	790	429	Red Bed
790	1172	382	Anhy
1172	1950	778	Top of Salt
1950	4405	2455	Anhy & Salt
4405	4655	250	Anhy & Lime
4655	4745	90	Delaware Sand
Total Depth	4745		
PBTD	4717		
All measurements from rotary table or 8' above ground level.			
Estimate 5992			
1 - USGS			
1 - NMOCC			
1 - Mrs. Rhea			
1 - Pauley Pet. Co.			
1 - Division			
1 - Field			
1 - File			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NEW GAS OR GAS WELL

[illegible]

ALWELL CORPCTLY

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MAILED
JAN 5 1961

JAN 5 1961

RECORDED IN - JANUARY 7, 1961

Spudded 9-1/8" hole 3:45 P.M. December 31, 1960. Ran 348' of 7-5/8" O.D. casing
 and cemented at 360' with 250 ex regular. Cement circulated. Plug at 335'.
 Tested before and after drilling plug for 30 minutes with 1000 PSI. Tested OK.
 Job complete 11:30 P.M. January 1, 1961.
 7-1/2" of 7-1/2" O.D. casing and cemented at 415' with 150 ex incor 4% gel.
 Plug at 477'. Tested before and after washing down casing to plug for 30 minutes
 with 1500 PSI. Tested OK. Job complete 5:00 A.M. January 7, 1961.
 2-1/2" from 1961 to
 perforate 4-1/2" O.D. casing with 2 jet shots per ft from 4688' to 4694' and 4700'
 to 4711'. Acidized with 250 gal 15% HCL. Followed with 250 gal gel acid and
 250 lbs. crushed marbles. Acidized with 250 gal 15% HCL.
 Completed drilling
 on 12th at well 17 and no work ending 7:00 A.M.
 The casing in this area is in good condition and well as shown in photo.

HISTORY OF OIL OR GAS WELL

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 in any order, the "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 pipes or bridges were put in to test for water, state kind of material used, position, and results of pumping or testing.

GEORGE WASHINGTON CARVER NATIONAL MONUMENT

Area of Interest	Priority	Lead Officer	Number of Cases	Case No.	Date

[illegible]

SHOOTING RECORD

[illegible]

~~CONFIDENTIAL~~

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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227A

Put to program

Age Group	Total (%)	Female (%)	Male (%)	Unknown (%)
18-24	100	85	15	0
25-34	100	75	25	0
35-44	100	65	35	0
45-54	100	55	45	0
55-64	100	45	55	0
65+	100	15	85	0

Gravity, 1.000 Gallons weighing per 1,000 cu. ft. of gas	No water; and No sediment
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FORMATION RECORD

FORMATION	TOTAL FEET	TO -	FROM
1/4	285	100	185
1/2	750	100	650
1	1270	100	1170
1-1/2	1740	100	1640
1-3/4	2230	100	2130
1-3/4	2775	100	2675
2	2950	100	2850
3-3/4	3048	100	2948
4	3140	100	3040
4 1/2	3391	100	3291
5	3595	100	3495
5 1/4	3987	100	3887
5 1/2	4250	100	4150
5 3/4	4518	100	4418
6	4715	100	4615
6 1/2	4915	100	4815
6 3/4	5115	100	5015
7	5315	100	5215
7 1/2	5515	100	5415
8	5715	100	5615
8 1/2	5915	100	5815
9	6115	100	6015
9 1/2	6315	100	6215
10	6515	100	6415
10 1/2	6715	100	6615
11	6915	100	6815
11 1/2	7115	100	7015
12	7315	100	7215
12 1/2	7515	100	7415
13	7715	100	7615
13 1/2	7915	100	7815
14	8115	100	8015
14 1/2	8315	100	8215
15	8515	100	8415
15 1/2	8715	100	8615
16	8915	100	8815
16 1/2	9115	100	9015
17	9315	100	9215
17 1/2	9515	100	9415
18	9715	100	9615
18 1/2	9915	100	9815
19	10115	100	10015
19 1/2	10315	100	10215
20	10515	100	10415
20 1/2	10715	100	10615
21	10915	100	10815
21 1/2	11115	100	11015
22	11315	100	11215
22 1/2	11515	100	11415
23	11715	100	11615
23 1/2	11915	100	11815
24	12115	100	12015
24 1/2	12315	100	12215
25	12515	100	12415
25 1/2	12715	100	12615
26	12915	100	12815
26 1/2	13115	100	13015
27	13315	100	13215
27 1/2	13515	100	13415
28	13715	100	13615
28 1/2	13915	100	13815
29	14115	100	14015
29 1/2	14315	100	14215
30	14515	100	14415
30 1/2	14715	100	14615
31	14915	100	14815
31 1/2	15115	100	15015
32	15315	100	15215
32 1/2	15515	100	15415
33	15715	100	15615
33 1/2	15915	100	15815
34	16115	100	16015
34 1/2	16315	100	16215
35	16515	100	16415
35 1/2	16715	100	16615
36	16915	100	16815
36 1/2	17115	100	17015
37	17315	100	17215
37 1/2	17515	100	17415
38	17715	100	17615
38 1/2	17915	100	17815
39	18115	100	18015
39 1/2	18315	100	18215
40	18515	100	18415
40 1/2	18715	100	18615
41	18915	100	18815
41 1/2	19115	100	19015
42	19315	100	19215
42 1/2	19515	100	19415
43	19715	100	19615
43 1/2	19915	100	19815
44	20115	100	20015
44 1/2	20315	100	20215
45	20515	100	20415
45 1/2	20715	100	20615
46	20915	100	20815
46 1/2	21115	100	21015
47	21315	100	21215
47 1/2	21515	100	21415
48	21715	100	21615
48 1/2	21915	100	21815
49	22115	100	22015
49 1/2	22315	100	22215
50	22515	100	22415
50 1/2	22715	100	22615
51	22915	100	22815
51 1/2	23115	100	23015
52	23315	100	23215
52 1/2	23515	100	23415
53	23715	100	23615
53 1/2	23915	100	23815
54	24115	100	24015
54 1/2	24315	100	24215
55	24515	100	24415
55 1/2	24715	100	24615
56	24915	100	24815
56 1/2	25115	100	25015
57	25315	100	25215
57 1/2	25515	100	25415
58	25715	100	25615
58 1/2	25915	100	25815
59	26115	100	26015
59 1/2	26315	100	26215
60	26515	100	26415
60 1/2	26715	100	26615
61	26915	100	26815
61 1/2	27115	100	27015
62	27315	100	27215
62 1/2	27515	100	27415
63	27715	100	27615
63 1/2	27915	100	27815
64	28115	100	28015
64 1/2	28315	100	28215
65	28515	100	28415
65 1/2	28715	100	28615
66	28915	100	28815
66 1/2	29115	100	29015
67	29315	100	29215
67 1/2	29515	100	29415
68	29715	100	29615
68 1/2	29915	100	29815
69	30115	100	30015
69 1/2	30315	100	30215
70	30515	100	30415
70 1/2	30715	100	30615
71	30915	100	30815
71 1/2	31115	100	31015
72	31315	100	31215
72 1/2	31515	100	31415
73	31715	100	31615
73 1/2	31915	100	31815
74	32115	100	32015
74 1/2	32315	100	32215
75	32515	100	32415
75 1/2	32715	100	32615
76	32915	100	32815
76 1/2	33115	100	33015
77	33315	100	33215
77 1/2	33515	100	33415
78	33715	100	33615
78 1/2	33915	100	33815
79	34115	100	34015
79 1/2	34315	100	34215
80	34515	100	34415
80 1/2	34715	100	34615
81	34915	100	34815
81 1/2	35115	100	35015
82	35315	100	35215
82 1/2	35515	100	35415
83	35715	100	35615
83 1/2	35915	100	35815
84	36115	100	36015
84 1/2	36315	100	36215
85	36515	100	36415
85 1/2	36715	100	36615
86	36915	100	36815
86 1/2	37115	100	37015
87	37315	100	37215
87 1/2	37515	100	37415
88	37715	100	37615
88 1/2	37915	100	37815
89	38115	100	38015
89 1/2	38315	100	38215
90	38515	100	38415
90 1/2	38715	100	38615
91	38915	100	38815
91 1/2	39115	100	39015
92	39315	100	39215
92 1/2	39515	100	39415
93	39715	100	39615
93 1/2	39915	100	39815
94	40115	100	40015
94 1/2	40315	100	40215
95	40515	100	40415
95 1/2	40715	100	40615
96	40915	100	40815
96 1/2	41115	100	41015
97	41315	100	41215
97 1/2	41515	100	41415
98	41715	100	41615
98 1/2	41915	100	41815
99	42115	100	42015
99 1/2	42315	100	42215
100	42515	100	42415
100 1/2	42715	100	42615
101	42915	100	42815
101 1/2	43115	100	43015
102	43315	100	43215
102 1/2	43515	100	43415
103	43715	100	43615
103 1/2	43915	100	43815
104	44115	100	44015
104 1/2	44315	100	44215
105	44515	100	44415
105 1/2	44715	100	44615
106	44915	100	44815
106 1/2	45115	100	45015
107	45315	100	45215
107 1/2	45515	100	45415
108	45715	100	45615
108 1/2	45915	100	45815
109	46115	100	46015
109 1/2	46315	100	46215
110	46515	100	46415
110 1/2	46715	100	46615
111	46915	100	46815
111 1/2	47115	100	47015
112	47315	100	47215
112 1/2	47515	100	47415
113	47715	100	47615
113 1/2	47915	100	47815
114	48115	100	48015
114 1/2	48315	100	48215
115	48515	100	48415
115 1/2	48715	100	48615
116	48915	100	48815
116 1/2	49115	100	49015
117	49315	100	49215
117 1/2	49515	100	49415
118	49715	100	49615
118 1/2	49915	100	49815
119	50115	100	50015
119 1/2	50315	100	50215
120	50515	100	50415
120 1/2	50715	100	50615
121	50915	100	50815
121 1/2	51115	100	51015
122	51315	100	51215
122 1/2	51515	100	51415
123	51715	100	51615
123 1/2	51915	100	51815
124	52115	100	52015
124 1/2	52315	100	52215
125	52515	100	52415
125 1/2	52715	100	52615
126	52915	100	52815
126 1/2	53115	100	53015
127	53315	100	53215
127 1/2	53515	100	53415
128	53715	100	53615
128 1/2	53915	100	53815
129	54115	100	54015
129 1/2	54315	100	54215
130	54515	100	54415
130 1/2	54715	100	54615
131	54915	100	54815
131 1/2	55115	100	55015
132	55315	100	55215
132 1/2	55515	100	55415
133	55715	100	55615
133 1/2	55915	100	55815
134	56115	100	56015
134 1/2	56315	100	56215
135	56515	100	56415
135 1/2	56715	100	56615
136	56915	100	56815
136 1/2	57115	100	57015
137	57315	100	57215
137 1/2	57515	100	57415
138	57715	100	57615
138 1/2	57915	100	57815
139	58115	100	58015
139 1/2	58315	100	58215
140	58515	100	58415
140 1/2	58715	100	58615
141	58915	100	58815
141 1/2	59115	100	59015
142	59315	100	59215
142 1/2	59515	100	59415
143	59715	100	59615
143 1/2	59915	100	59815
144	60115	100	60015
144 1/2	60315	100	60215
145	60515	100	60415
145 1/2	60715	100	60615
146	60915	100	60815
146 1/2	61115	100	61015
147	61315	100	61215
147 1/2	61515	100	61415
148	61715	100	61615
148 1/2	61915	100	61815
149			

FORMATION RECORD—Continued