

RECEIVED

Budget Bureau No. 42-R355.4
Approval expires 12-31-60.

SEP 20 1957

U. S. LAND OFFICE ~~AMERICAN~~SERIAL NUMBER **028793 (c)**

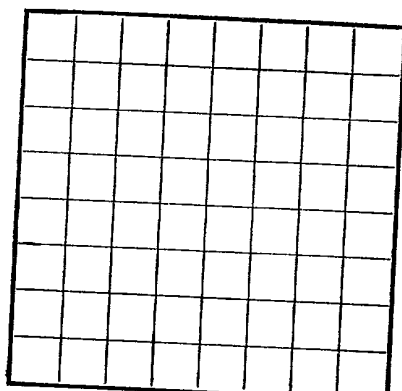
LEASE OR PERMIT TO PROSPECT

UNITED STATES

Burch C

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED
SEP 5 1957U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOCATE WELL CORRECTLY

OLD WELL DRILLED DEEPER
LOG OF OIL OR GAS WELLCompany **General American Oil Co. of Texas** Address **P. O. Box 416, Loco Hills, N. M.**Lessor or Tract **Burch C** Field **Grayburg-Kealy** State **New Mexico**Well No. **14** Sec. **23** T. **17S** R. **29E** Meridian **N.M.P.M.** County **Eddy**Location **25** ft. ^{N.} of **3** Line and **1345** ft. ^{W.} of **E** Line of **Section 23** Elevation **3579**
(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

R. J. HeardTitle **Field Superintendent**Date **September 3, 1957**

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

Commenced drilling **August 10**, 19**57**. Finished drilling **August 27**, 19**57**.

ADDITIONAL

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3280** to **3345 (Broken)** 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 _____

ADDITIONAL CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
5 1/2"	17 1/2	8rd	Spang	583'	Float				Production
									Liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 1/2"	2668'-3267'	35	Pump & Plug	None	None

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

STIMULATION

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	Material	20% HCL	500 gals.	8-29-57	3267'-3352'	

TOOLS USED

Rotary tools were used from **2** feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **2926** feet to **3352** feet, and from _____ feet to _____ feet

DATES

The production for the first 24 hours was **525** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **XXI** °API **37.0°**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Leo Dodd, Driller**H. H. McDonald**, Driller**Max Stephens**, Driller

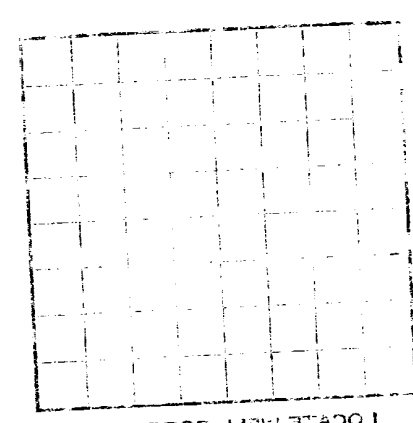
, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2926	3262	336	Line.
3262	3268	6	SLM?
3268	3245	77	Line.
3345	3352	7	SLM.

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL



The information you request is a confidential and correct record of the well and all work done thereon
 and may be furnished from all available records
 Location Well No. 11
 State Ill. County Will
 Township 11 Range 11 Section 11
 Name of well 11
 Name of owner 11
 Name of operator 11
 Name of lessee 11
 Name of agent 11
 Name of engineer 11
 Name of geologist 11
 Name of chemist 11
 Name of physicist 11
 Name of biologist 11
 Name of mineralogist 11
 Name of metallurgist 11
 Name of geophysicist 11
 Name of geotechnical engineer 11
 Name of environmental engineer 11
 Name of civil engineer 11
 Name of mechanical engineer 11
 Name of electrical engineer 11
 Name of chemical engineer 11
 Name of industrial engineer 11
 Name of agricultural engineer 11
 Name of marine engineer 11
 Name of aerospace engineer 11
 Name of nuclear engineer 11
 Name of biomedical engineer 11
 Name of software engineer 11
 Name of systems engineer 11
 Name of quality engineer 11
 Name of reliability engineer 11
 Name of safety engineer 11
 Name of environmental engineer 11
 Name of occupational health and safety engineer 11
 Name of fire protection engineer 11
 Name of forensic engineer 11
 Name of construction engineer 11
 Name of transportation engineer 11
 Name of food and nutrition engineer 11
 Name of textile engineer 11
 Name of leather engineer 11
 Name of paper engineer 11
 Name of printing engineer 11
 Name of packaging engineer 11
 Name of materials engineer 11
 Name of manufacturing engineer 11
 Name of production engineer 11
 Name of process engineer 11
 Name of design engineer 11
 Name of product engineer 11
 Name of project engineer 11
 Name of program engineer 11
 Name of systems engineer 11
 Name of test engineer 11
 Name of validation engineer 11
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 Name of compliance engineer 11
 Name of regulatory affairs engineer 11
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 Name

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[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of relocations, or changes in the casing, state fully, and if any casing was detached or left in the well, state kind of material used, position, and results of pumping or bailing. If plugs or bridges were put in for water, state kind of material used, position, and results of pumping or bailing. If the reasons for the work and its results. If there were any changes made in the casing, state date, size, position, and number of the reasons for the work and its results. If there were any changes made in the casing, state date, size, position, and number of the reasons for the work and its results. If there were any changes made in the casing, state date, size, position, and number of the reasons for the work and its results.

HISTORY OF OIL OR GAS WELL

16-43804-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

SHOOTING RECORD

Serial Number	Quantity	Date	Particulars
			Death certificate

10012 USED

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	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369</
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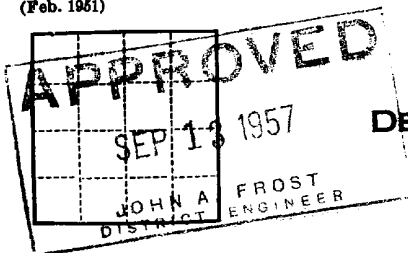
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BY: 2011.0

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SECRET

	ALL	ONE
• 10-11	Y	ONE
• 10-12	10	ONE
• 10-13	10	ONE
• 10-14	10	ONE



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Las Cruces**
Lease No. **029773 (e)**
Unit **Surf C**

RECEIVED
SEP 13 1957

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	Subsequent Report of Acid & Frac	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Loce Mills, N. M. Sept. 7, 1957

Well No. **14 C** is located **25** ft. from **[N]** line and **1345** ft. from **[E]** line of sec. **23**
SE/4 Sec. 23 **17-8** **29-E** **N.M.P.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Grayburg-Kealy **Kddy** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **3579** ft.

DETAILS OF WORK

RECORD OF ACID & FRAC: to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

8-28 Ran 2644' of 4 1/2" OD EUE tubing with 99' of 3 1/2" OD EUE tubing and Ouliberson LV Packer on bottom at 2710'.
8-29 Loaded tubing with 12 bbls. 20% SLT HCL & 42 EO. Loaded annulus with 56 EO. Broke formation down with 30 EO followed by 624 EO containing 30,000# 40-60 & 30,000# 20-40 Ottawa sand. Flushed with 100 EO. Total load oil 1052 EO. Total inj. time 31 1/2 minutes. Avg. inj. rate 31.4 S.P.M. Max. inj. press. 2600 psig; minimum 2100; shut down press. 1400; 15 min. SIP 1200; 19 hr. SIP 225.

RESULTS OF ACID & FRAC:

8-31 Flowed 1,000 EO in 26 hrs. thru 3/4" tubing choke.
9-1 Flowed 525 EO in 24 hrs. thru 3/4" tubing choke. NET OIL 473 Bbls.

SUBSEQUENT TESTS:

9-2 Flowed 140 EO in 8 1/2 hrs. thru 12/64 tubing choke.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **GENERAL AMERICAN OIL CO. OF TEXAS**

Address **P. O. BOX 416**

LOCE MILLS, NEW MEXICO

By **[Signature]**
N. C. Henry
Field Supt.