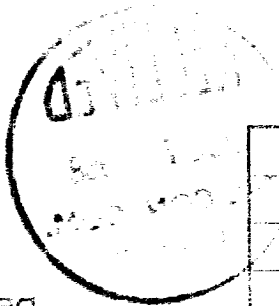
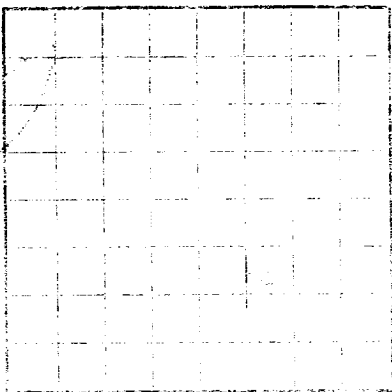


LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

U. S. LAND OFFICE
Serial Number
Lease or Patent to Prospect

Approved August 23-1900
Budget Bureau No. 15554



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

The summary on this page is for the condition of the well as above given.
Completed drilling _____ to _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____

CASING RECORD

Depth	Weight	Length	Material	Remarks

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 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 bailing.

HISTORY OF OIL OR GAS WELL

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

DATE	DEPTH	WEIGHT	LENGTH	MATERIAL	REMARKS

MUDGING AND CEMENTING RECORD

DATE	DEPTH	WEIGHT	LENGTH	MATERIAL	REMARKS

PLUGS AND ADAPTERS

DATE	DEPTH	WEIGHT	LENGTH	MATERIAL	REMARKS

SHOOTING RECORD

DATE	DEPTH	WEIGHT	LENGTH	MATERIAL	REMARKS

TOOLS USED

Rotary tools were used from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet.

DATES

The production for the first 24 hours was _____ barrels of fluid of which _____ was oil.
The production for the next 24 hours was _____ barrels of fluid of which _____ was oil.
The production for the next 24 hours was _____ barrels of fluid of which _____ was oil.

EMPLOYEES

Driller _____
Helper _____
Carpenter _____
Blacksmith _____

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	10	10	Gravel
10	20	20	Sand
20	30	30	Clay
30	40	40	Shale
40	50	50	Limestone
50	60	60	Sandstone
60	70	70	Gravel
70	80	80	Sand
80	90	90	Clay
90	100	100	Shale

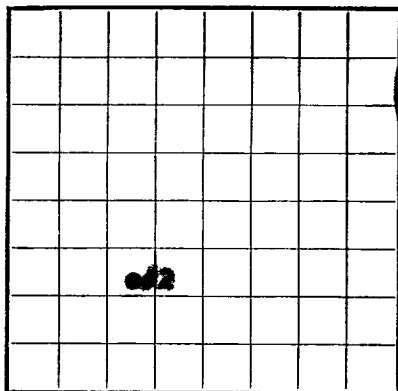
U. S. LAND OFFICE ~~Window Book~~

SERIAL NUMBER ~~14-20-601-331~~

LEASE OR PERMIT TO PROSPECT
Ka-Da-Pa

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUL 7 1958



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company AMERADA PETROLEUM CORPORATION Address Box 1 - Bloomfield, New Mexico
 Lessor or Tract La-De-Pe Field North Lower Gallup State New Mexico
 Well No. 2 Sec. 4 T. 29N R. 2W Meridian NM County San Juan
 Location 1900 ft. N. of 3 Line and 1000 ft. E. of N. Line of Sec. 4 Elevation 6144' KB
 (Observe Box relative to well)

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 W. F. Burke

Date July 2, 1998 Title Foran

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

Commenced drilling ~~May 19,~~ 19~~30~~ Finished drilling ~~June 2,~~ 19~~31~~

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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 _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2-5/8"	305'	250	House		
3-1/2"	4960'	400	House		

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
Perforated 5 1/2" C&G.		from A700' - A732' w/ A bullets			per foot.	

TOOLS USED

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

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

DATES

-----, 19----- Put to producing July 2, 1950

The production for the first 24 hours was ~~209.92~~ barrels of fluid of which ~~100~~% was oil; -----% emulsion; -----% water; and -----% sediment. ~~Temperature~~ Gravity, °Bé. ~~38~~-----

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 ~~..... Rutledge Drilling Co.~~....., Driller

I. J. Eyer _____, Driller **L. R. Modiford** _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	116'	116'	Sand & shale
116'	425'	309'	Shale
425'	1288'	863'	Sand & Shale
1288'	2082'	794'	Shale
2082'	2711'	629'	Sand & Shale
2711'	3022'	311'	Shale
3022'	3496'	474'	Sand & Shale
3496'	3710'	214'	Shale
3710'	4961'	1251'	Sand & Shale
		4000'	Total Depth
			SECTION BELOW 1000'
			Picture Cliff 1090'
			Louis Shale 1293'
			Cliff House 1829'
			Point Look Out 3574'
			Mamoon 3720'
			Upper Gallup 4650'
			Lower Gallup 4742'

LEASE OR PERMIT TO PROSPECT
SPECIAL NUMBER 100-1000
U. S. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

100418 WILL CORRECTLY

[illegible]

Commenced drilling _____ to _____
The amount on this page is for the rendition of the well as above stated.
Date July 1914 _____

OIL OR GAS SANDS OR LONES

No. 4 from	to	No. 4 from	to
No. 5 from	to	No. 5 from	to
No. 6 from	to	No. 6 from	to

(Please give pg. #)

IMPORTANT WATER SANDS

No. 1 from _____ to _____
 No. 2 from _____ to _____
 No. 3 from _____ to _____
 No. 4 from _____ to _____

CASING RECORD

[illegible]

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 if any casing was "sinker" 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 bailing.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Year of the award	Year of the award	Year of the award	Year of the award	Year of the award	Year of the award
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

PLUGS AND ADAPTERS

Adapters—Material			
Size			
Length			
Depth and			

SHOOTING RECORD

Site	Shell used	Explosive used	Quantity	Date	Project shot	Is this cleaned up

TOOTS USED

1001	01 1001	0001 1001	01 1001	0001 1001
1002	01 1002	0001 1002	01 1002	0001 1002

DATE:

1	The production for the first 24 hours was	100
2	about 100 tons of which 75% was oil.	100
3	The production for the first 24 hours was	100
4	about 100 tons of which 75% was oil.	100

[illegible]

Rock (continued) lbs. per sq. ft.

233 YOUNG

☐ Indict <i>to charge with a crime</i> ☐ Indictment <i>a charge with a crime</i>	☐ Indict <i>to charge with a crime</i> ☐ Indictment <i>a charge with a crime</i>
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FORMATION RECORD

REGION	NO -	TOTAL PERCENT	FORMATION
1	100	100	100
2	100	100	100
3	100	100	100
4	100	100	100
5	100	100	100
6	100	100	100
7	100	100	100
8	100	100	100
9	100	100	100
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13	100	100	100
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96	100	100	100
97	100		

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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FORMATION RECORD—Continued

FORMATION

TOTAL REBT

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FROM—