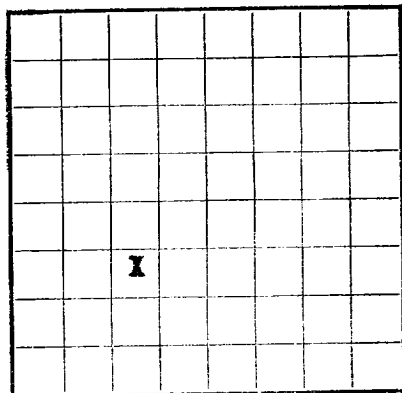


U. S. LAND OFFICE Jicarilla Tribal
SERIAL NUMBER Jicarilla Contract 147
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company Pan American Petroleum Corporation Address Box 480, Farmington, New Mexico
Lessor or Tract Jicarilla Contract 147 Field Undesignated Dakota State New Mexico
Well No. 2 Sec. 5 T. 25N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1490 ft. above line and 1670 ft. above line of Section 5 Elevation 6694 (RDB)
The information given herewith is a complete and correct record of the well and well work done thereon
so far as can be determined from all available records.
Date October 20, 1960 Title Area Engineer
Signed R. M. Bauer
The summary on this page is for the condition of the well at above date.

Commenced drilling September 23, 1960 Finished drilling October 4, 1960

NO. 1, from 706 to 706 No. 4, from 706 to 706
No. 2, from 706 to 706 No. 5, from 706 to 706
No. 3, from 706 to 706 No. 6, from 706 to 706
No. 1, from 706 to 706 No. 3, from 706 to 706
No. 2, from 706 to 706 No. 4, from 706 to 706

Size casing	Weight per foot	Threads per foot	Amount	Perforated	Purpose
8-5/8"	22.7	8RT	J-35 5767	From To	Oil string
5-1/2"	14	8RT	J-35 1705	From To	Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	496'	425 sacks	Halliburton 1 plug		
5-1/2"	7429'	650 sacks	Halliburton 2 stage		

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

DATES

Completed as shut in Undesignated Dakota Field development gas well
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment.
Put to producing Shut in for pipeline connection
October 20, 1960
Gravity, °Bé. _____

Preliminary test
If gas well, cu. ft. per 24 hours _____
Rock pressure, lbs. per sq. in. 1613

EMPLOYEES

Charles Lockhart _____, Driller
J. G. Brinkley _____, Driller
R. C. Cary _____, Driller
John D. Doe _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2885	2885	Undifferentiated sands and shales.
2885	3270	385	Pictured Cliffs sand.
3270	4535	1265	Lewis shale.
4535	4650	115	Cliffhouse sand.
4650	5095	445	Manefee sands, shales and coals.
5095	5225	130	Point Lookout sands and shales.
5225	6235	1010	Mancoos shale.
6235	6690	455	Gallup sands and shales.
6690	6990	300	Sanastee sands & shales.
6990	7067	77	Greenhorn sands and shales.
7067	7200	133	Graneros sands and shales.
7200	7430	230	Dakota sands and shales.

(OVER)

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 no markings or text on the page.

Y. HOSOKAWA AND T. KAWABATA

Preliminary test 1613 1960
 H. 2nd Edition
 County 110 1911

Released under E.O. 14176

100-443887-100

with 7-3/8" bit and drilled at tool. Tested during with 1000 psi for 30 minutes which held with no indication of gas sands or losses.

[illegible]

note. Cemented first stage with 250 sacks 6% gel cement with 1-1/2 pounds medium latex per sack, followed by 100 sacks neat cement. Tested casing with 3000 psi

Operations. No. 1 from _____ to _____ No. 2 from _____

on cement, tested 8-5/8" casing with 100 psi for 30 minutes, which held with no
 at bottom of pressure drop. Reduced hole to 7-7/8" at 796', and resumed drilling

STEARTON CONTRACT 167 Well No. 2. Spudded 12-17-60. Casing set at 1861' with 125 joints of casing. Drilled to 4961'. 8-5/8" casing set at 1861' with 125 joints of casing. Drilled to 4961'. 8-5/8" casing set at 1861' with 125 joints of casing. Drilled to 4961'. 8-5/8" casing set at 1861' with 125 joints of casing.

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 "squeaked" or left in the well, give its size and location. If the log 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, size, position, and number of shots.

U. S. GOVERNMENT PRINTING OFFICE 16-53004-2

HISTORY OF OIL OR GAS WELL

[illegible]

From: Bureau of Land Management	To: Bureau of Land Management	Subject: Bureau of Land Management	Date: Bureau of Land Management
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UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

88-07 S	RECEIVED	NOV 1968	77
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1950-1951

SECRET

[illegible][illegible]

TOOLS USED	
Test to	Test from

..... of tool	ment had been used	of tool	 of tool
	DATES		

Put to proving

[illegible]

Rock pressure, lbs. per sq. in.	1500
Ureteral cath. out. ft. per 24 hours	1000
Gallons excreted per 1000 cu. in. of gas	1000

DATE _____

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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SECRET	TOP SECRET	TOP SECRET	TOP SECRET
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[illegible]

James Earl Ray	1928	1968	1968
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• 1000	1000	1000	1000
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[illegible][illegible][illegible][illegible]

1. <u>1941-1942</u>	1941	1942	1943
2. <u>1943-1944</u>	1943	1944	1945

1. Name of the person	2. Address	3. City	4. State
John Doe	123 Main St	New York	NY

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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FROM-	TO-	TOTAL FEET	FORMATION
FORMATION RECORD-Continued			

FORMATION REPORT