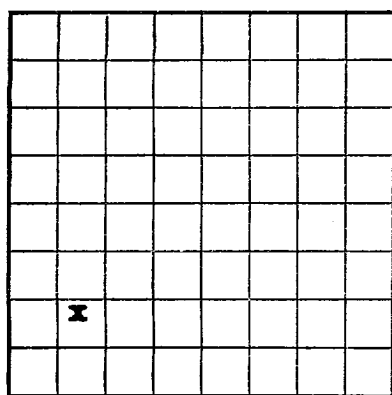


Form 9-380

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 047039
LEASE OR PERMIT TO PROSPECT Lease

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Byrd-Frost, Inc. Address Box 911, Durango, Colo.
Lessor or Tract J. F. Day Field Kutz Canon State New Mexico
Well No. 1-B Sec. 17 T. 28N R. 10W Meridian NMPM County San Juan
Location 990 ft. (N.) of S Line and 990 ft. (E.) of W Line of Sec. 17 Elevation 5982' R.T.
5980' C.T.
(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 H. P. Slagel
Date Feb. 27, 1950 Title Dist. Supt.

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

Commenced drilling Jan. 2, 19 50 Finished drilling Feb. 16, 19 50

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2019 to 2133 G. 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>9-5/8"</u>	<u>36#</u>	<u>8</u>	<u>J&L</u>	<u>26</u>	<u>Texas</u>	<u>Cemented</u>			<u>Surface</u>
<u>5-1/2"</u>	<u>15.5#</u>	<u>8</u>	<u>J&L</u>	<u>202 1/4</u>	<u>Texas</u>	<u>Cemented</u>			<u>202 1/4</u>
<u>1</u>	<u>1.6</u>	<u>11.5</u>	<u>J&L</u>	<u>2133</u>			<u>2133</u>	<u>2133</u>	<u>2133</u>
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8"</u>	<u>96</u>	<u>60</u>	<u>HOWCO</u>	<u>9.2</u>	<u>Circ.</u>
<u>5-1/2"</u>	<u>202 1/4</u>	<u>100</u>	<u>HOWCO</u>	<u>9.2</u>	<u>Circ.</u>

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
<u>4"</u>	<u>12 - 20 qt.</u>	<u>Sol-Nitro</u>	<u>240 qts.</u>	<u>2-14</u>	<u>2037</u> <u>2133</u>	<u>2033</u>

TOOLS USED

Rotary tools were used from surface feet to 202 1/4 feet, and from _____ feet to _____ feet
Cable tools were used from 202 1/4 feet to 2134 feet, and from _____ feet to _____ feet

DATES

Feb. 27, 1950, 19 _____ Put to producing _____, 19 _____
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours 998 MCF Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 536#

P. L. Wald

EMPLOYEES

L. Godwin

, Driller

, Driller

P. E. Collier

, Driller

R. Freeland

, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	96	96	Sand - Surface
96	285	189	Sand & Shale
285	700	415	Sand & Shale
700	1053	353	Sand & Shale
1053	1226	173	Sand, Shale & Chert
1226	1431	205	Sand & Shale
1431	1687	256	Sand & Shale
1687	2024	337	Sand & Shale. Top Pictured Cliffs 2019.
2024	2133	109	Sand
2133	2134	1	Shale
2134	T. D.		

(OVER)

FORWILLIAM REYNOLDS—COWLEY

LEADS ON PLANT TO IDENTIFY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

A 10x10 grid with the number 12 in the bottom right corner.

LOCATE WELL CORRECTLY

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.

Location S. 0. N. 1. E. of Line and 1/2 mile of Line of Sec. 17 T. 38N R. 10W Meridian MN. County Minn. Lessor or Trust No. 1 Day Field Kate Garner State Minn. Company Tracy & Co., Inc. Address Box 9111, Chicago, Illinois

Date _____ Title _____
Signed _____ H. L. Daniel

Commenced drilling Jan. 2, 1925. Finished drilling Feb. 12, 1925.

OIL OR GAS SANDS OR ZONES

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

(Denote page by G.)

IMPORTANT WATER SANDS

to	from 3.6Z	to	from 1.6Z
to	from 1.6Z	to	from 3.6Z

CASINO 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 cracked, or left in the well, give its size and location. If the well has been dewatered, give date, size, position, and number of shafts. If plugs or badges were put in to test for water, state kind of material used, position, and results of pumping or testing.

HISTORY OF OIL OR GAS WELL

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
MUDLOGS AND CEMENTING RECORD																																																																																																			

PLUGS AND ADAPTERS

	Adaptors—Material	Size	Length	Depth set
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SHOOTING RECORD

Size	Shell used	Exhaustive used	Quantity	Unit	Depth shot	Depth cleared out
14	18	12	100	15	100	100

TOOTS/REED

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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CONFIDENTIAL

[illegible]

090425 1074790Z

FORM 100-10	UNIT REPORT	- OT	1964
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Item	Quantity	Unit Price	Total
Oil - 1000	1000	1.00	1000.00
Gas - 1000	1000	1.00	1000.00
Water - 1000	1000	1.00	1000.00
Electricity - 1000	1000	1.00	1000.00
Telephone - 1000	1000	1.00	1000.00
Postage - 1000	1000	1.00	1000.00
Travel - 1000	1000	1.00	1000.00
Food - 1000	1000	1.00	1000.00
Medical - 1000	1000	1.00	1000.00
Insurance - 1000	1000	1.00	1000.00
Legal - 1000	1000	1.00	1000.00
Other - 1000	1000	1.00	1000.00
Total	10000	1.00	10000.00

FORMATION RECORD—Continued

FORMATION

TOTAL FEET

—OL

FROM--