

Section 20

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SW 078433
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1001 Burt Bldg., Dallas, Texas
 Lessor or Tract Newcom Field Ballard P.C. State New Mexico
 Well No. 13 Sec. 20 T. 26N R. 8W Meridian N.M.P.M. County San Juan
 Location 1550 ft. N of N Line and 990 ft. E of N Line of Section 20 Elevation 6292
(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 A. M. Wiederkehr
A. M. Wiederkehr
Date December 12, 1955 Title Manager, Exploration

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

Commenced drilling ----- 10-15 -----, 1955 Finished drilling ----- 10-30 -----, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2014 to 2100 (g) No. 4, from 2014 to 2100 (g)

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
9-5/8	88 HCB	70	Halliburton		
5-1/2	2120 HCB	100	Halliburton		
1	2030				

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
*(Job #1) Perforated 2070 feet to 2100 feet - 120 shots. Sand fraced with 18,900 gals. water and 20,000# sand.						

TOOLS USED

Rotary tools were used from 5 feet to 20 feet, and from _____ feet to _____ feet

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

DATES

Put to producing 11-25, 1955

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 2500 Gallons gasoline per 1,000 cu. ft. of gas 10

Rock pressure, lbs. per sq. in. 635#

54/12 EMPLOYEES

EMPLOYEES

~~Benson-Martin-Greer Drilling Corp.~~ Driller ~~Conley Cos. Drilling Contractor~~ Driller

E. E. Johnson....., Driller **G. S. Johnson**....., Driller

J. R. Greene FORMATION RECORD A. Templeman

FORMATION RECORD **A. Templeman**

FROM-	TO-	TOTAL FEET	FORMATION
*(Job #2) Set Bridge Plug @ 2040' - Perforated 2014 feet to 2038 feet - 96 shots. Sand fraced with 18,020 gals. water and 25,000# sand.			
-0-	70	70	Sandstone and shale
70	90.30	20.30	Shale
90.30	1468	1377.70	Sand and shale
1468	2120	650	Sand, shale and coal
Pictured Cliffs 2008			

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LOCATE WELL CORRECTLY

[illegible]

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

Date _____ Title _____

Commenced drilling 19-
Finished drilling 19-

OIL OR GAS SANDS OR ZONES

2000

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

IMPORTANT WATER SANDS

No. 9 from _____ to _____
No. 8 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 "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

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

MIDDLETOWN AND CENTRAL RECORD

[illegible]

ADULTS AND YOUTH

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.....		

SHOOTING RECORD

Site	Depth (m)	Latitude	Longitude	Date	Weather	Depth (m)
1	10	10	10	10	10	10
2	20	20	20	20	20	20
3	30	30	30	30	30	30
4	40	40	40	40	40	40
5	50	50	50	50	50	50
6	60	60	60	60	60	60
7	70	70	70	70	70	70
8	80	80	80	80	80	80
9	90	90	90	90	90	90
10	100	100	100	100	100	100

TOOL USED

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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23140

If we add on it, per 24 hours we have 1000 gal. of gas
consumption; 1000 gal. water; and 1000 gal. sediment.
The production for the first 24 hours was 1000 gal. of
gas, 1000 gal. water, and 1000 gal. sediment.

Let us produce 1000 gal. of gas, 1000 gal. of water,
and 1000 gal. of sediment, which will cost \$1000.00

22 JUL 1964

Diff		Diff	
Diff		Diff	

FOREIGN RECORD

[illegible]