RECORD OF FRANTZ WELL NO. 3
Center of the NW¼ NE¼ Section 35, Township 30,
Range 2 West, Sumner County
Kansas.

Commenced Drilling Dec. 18, 1928.
Finished Drilling Jan. 26, 1929.
Deepened and
Commenced Drilling May 8, 1929.
Completed Drilling June 8, 1929.

Casing Record:
~~12½" 133ft. 2in.~~
10" 586 ft 3 in.
8¼" 1534 ft 6 in. 1 Nipple 3ft 3 in.
6-5/8" 2278 ft.
5-3/16" 2624 ft.11 in.

FORMATION	TOP	BOTTOM	DEPTH	REMARKS
Light mud,soft	0	26	26	
Shale,blue,soft	26	65	39	
Redrock,soft	65	75	10	H.F.W. 60 to 65
Shale,blue,soft	75	230	155	
Redrock,soft	230	235	5	
Shale,blue,soft	235	295	60	
Salt,soft	295	330	35	
Shale,blue,soft	330	335	5	
Shale,white,soft	335	340	5	
Salt,light,soft	340	440	100	
Shale,blue,soft	440	445	5	
Lime,white,hard	445	460	15	
Shale,light,soft	460	465	5	
Lime,gray,hard	465	470	5	
~~Shale,blue,soft~~	~~470~~	~~475~~	5	Hole caving
Limeshells,soft	475	505	30	
Shale,dark	505	510	5	
Lime,white,hard	510	520	10	
Shale shells,light,soft	520	535	15	
Lime,gray,hard	535	550	15	
Lime,white,hard	550	570	20	
Shale,white,soft	570	580	10	
Lime,gray,hard	580	599	19	St.L.Meas. 598
Shale,blue,soft	598	605	7	
Lime,brown,hard	605	640	35	
Shale,gray,soft	640	670	30	
Lime,white,hard	670	705	35	
Shale,blue,soft	705	725	20	
Lime,gray,hard	725	765	40	
Shale,white,soft	765	780	15	
Redrock,soft	780	795	15	
Lime,white,hard	795	825	30	
Shale,blue,soft	825	835	10	
Lime,white,hard	835	895	60	
Sandyshale,light,soft	895	905	10	1 B.W. 920 to 925.
~~Brokenlime,brown,soft~~	~~905~~	~~920~~	~~15~~	
Lime,white,hard	920	940	20	
Slate,white,soft	940	950	10	
Redrock	950	955	5	
Lime,white,hard	955	965	10	
Shale,blue,soft	965	975	10	
Lime,white,hard	975	985	10	
Shale,blue,soft	985	995	10	
Lime,white,hard	995	1020	25	
Sand,gray,soft	1020	1030	10	
Lime,white,hard	1030	1035	5	
Redrock	1035	1050	15	
Lime,white,hard	1050	1060	10	
Shale,blue,soft	1060	1100	40	
Lime,white,hard	1100	1110	10	
Shale,blue,soft	1110	1120	10	
Lime,white,hard	1120	1125	5	
Shale,blue,soft	1125	1155	30	
Lime,white,hard	1155	1175	20	

Shale,black,soft	1175	1185	10	
Lime,white,hard	1185	1200	15	
Shale,blue,soft	1200	1205	5	
Redrock,soft	1205	1215	10	
Lime,white,hard	1215	1225	10	
Shale,blue,soft	1225	1230	5	
Lime,white,hard	1230	1260	30	
Shale,black,soft	1260	1270	10	
Lime,gray,yard	1270	1290	20	
Shale,blue,soft	1290	1295	5	
Lime,white,hard	1295	1300	5	
Shale,dark,soft	1300	1310	10	
Lime,gray,hard	1310	1350	40	
Shale,blue,soft	1350	1355	5	
Limeshells	1355	1405	50	
Shale,light,soft	1405	1415	10	
Lime,white,hard	1415	1420	5	
Shale,dark,soft	1420	1440-	20	
Lime,white,hard	1440	1450	10	
Shale,blue,soft	1450	1520	70	St. L. Meas. 1534
Shale, blue,soft	1534	1550	16	
Lime,white,hard	1550	1560	10	
Shale,blue,soft	1560	1595	35	Cave
Lime,brown,hard	1595	1630	35	2 B W 1600 to 1610
Shale,black,soft	1630	1650	20	
Shale,dark	1650	1680	30	
Shale Shells,hard	1680	1725	45	
Lime,brown,hard	1725	1730	5	
Shale,dark,soft	1730	1750	20	
Lime,white,hard	1750	1790	40	
Shale Shells dark,soft	1790	1825	35	
Shale,light,soft	1825	1840	15	
Lime,white,hard	1840	1842	2	
Shale,dark,soft	1842	1850	8	
Lime,gray,hard	1850	1858	8	
Shale,blue,soft	1858	1865	7	
Lime,gray,hard	1865	1875	10	
Shale Shells	1875	1912	37	
Shale,blue,soft	1912	1927	15	
Lime,white,hard	1927	1875	48	Hole caving some.
Shale,white,soft	1975	1990	15	
Sandylime,white,hard	1990	2005	15	
Sandyshale,light,soft	2005	2026	21	
Lime,gray,hard	2026	2034	8	½ B Water 2015 to 2020
Shale,sandylight,soft	2034	2064	30	
Lime,white,hard	2064	2095	31	H.F.Water
Watersand,white,hard	2095	2115	20	Total Depth.
DEEPENED May 8 to June 8th.				
Lime,white,hard	2115	2195	80	
Shale,dark,soft	2195	3305	10	
Lime,dark,hard	2205	2215	10	
Slate,dark,soft	2215	2220	5	
Lime,hard	2220	2230	10	
Watersand,soft	2230	2240	10	
Lime,white,hard	2240	2255	15	
Slate,black,soft	2255	2265	10	
Lime,brown,hard	2265	2270	5	
Shale,blue,soft	2270	2305	35	
Lime,gray,hard	2305	2315	10	
Slate,dark,soft	2315	2330	15	
Sandyshale,light,soft	2330	2375	45	
Shalelimeshells,soft	2375	2412	37	
Slatelimeshells,hard,dark	2412	2440	28	
Lime,white,hard	2440	2465	25	

Shale,dark,soft	2465	2480	15	
Lime,white,hard	2480	2500	20	2 B W Pr.Hr.
Brokenlime	2500	2530	30	
Sand,water,white,soft	2530	2545	15	Hole full water 2530 to 2535
Slate,blue,soft	2545	2575	30	
Sandyslate,dark,soft	2575	2790	15	
Cave,blue,soft	2790	2800	10	Bad cave.
Sand,white,soft	2800	2905	105	
Slate,black	2905	3085	180	
Lime	2085	3103	18	Hole full water.