

Well No. 1 On C. F. Oursler lease 80 acres
 Section 4, Township 23 S. Range 4 E. Butler County, Kansas
 Drilling Commenced May 13th, 1920
 Drilling Completed June 19th, 1920
 1st 24 hrs production - Natural 100 Bbls.
 2nd 24 hrs production - Natural 140 "
 Contractor Chas. Algae.

Formation:	Top	Bottom	Thickness	
Soil	0	5	5	
Red Mud	5	30	25	
Slate	30	60	30	
Lime	60	140	80	15½ - 140'
Slate	140	170	30	
Lime	170	260	90	
Red Rock	260	265	5	
Slate	265	315	50	
Lime	315	325	10	
Slate	325	335	10	
Lime	335	360	25	
Red Rock	360	365	5	
Lime	365	385	20	
Slate	385	450	65	
Lime	450	460	10	
Slate	460	475	15	
Lime	475	500	25	
Slate	500	505	5	
Red Rock & Lime	505	555	50	
Slate & Lime Shell	555	635	80	
Lime	635	645	10	
Slate	645	725	80	
Lime	725	735	10	
Slate	735	760	25	
Lime	760	770	10	
Slate	770	810	40	
Lime	810	830	20	
Slate	830	885	55	12½" - 878'
Lime	885	890	5	
Slate & Lime Shells	890	970	80	
Lime	970	980	10	
Slate	980	1005	25	
Lime	1005	1040	35	
Slate	1040	1135	95	
Lime	1135	1145	10	
Slate	1145	1170	25	
Lime	1170	1215	45	Eight bailers water 1200'-1215'
Slate	1215	1245	30	
Lime	1245	1295	50	
Slate	1295	1305	10	
Lime	1305	1320	15	
Slate	1320	1330	10	
Lime Hard	1330	1360	30	
Slate white	1360	1365	5	
Lime	1365	1380	15	
Slate	1380	1405	25	
Lime	1405	1425	20	10 - 1404'
Slate	1425	1435	10	
Lime	1435	1445	10	
Slate	1445	1450	5	
Lime	1450	1510	60	
Slate	1510	1535	25	
Lime	1535	1590	55	
Slate Black	1590	1595	5	
Lime	1595	1635	40	
Slate	1635	1750	115	½ bailer water @ 1675'
Lime	1750	1758	8	
Slate	1758	1795	37	
Lime	1795	1803	8	
Slate	1803	1850	47	
Lime Hard	1850	1965	115	1 bailer water @ 1850'
Slate	1965	1980	15	
Lime	1980	2050	70	
Water Sand	2050	2055	5	8 bailers water @ 2050'

C. F. Oursler Well No. 1 4-23S-4E.

Lime	2055	2105	50	15 bailers water per hr. 2050'-2075'
Slate	2105	2130	25	8 $\frac{1}{2}$ - 2090'
Sand	2130	2200	70	
Lime	2200	2235	35	
Slate	2235	2320	85	6-5/8 - 2320'
Lime	2320	2335	15	
Slate	2335	2365	30	
Lime	2365	2375	10	
Slate	2375	2380	5	
Lime	2380	2405	25	
Red Rock	2405	2425	20	
Slate	2425	2435	10	
Lime	2435	2440	5	
Slate	2440	2477	37	5 3/16 - 172'-6"
Sand	2477	2478	1	S. L. M. 2478'
Total Depth		2478		