

Record of Fall River Well.

PLATE XXV.

Drilled on the south side of Fall River, in Liberty township, Elk County, Kansas. Located on the northeast quarter of the northeast quarter of Section 21, Township 28, Range 13. Completed August 21, 1895. Record furnished by Guffey & Galey.

	MATERIAL.	Thickness of Strata.	Depth to Bottom of Strata.
1	Soft Surface to Gravel.....	43 feet.....	43 feet.
2	Gravel.....	4 ".....	47 "
3	Black Slate Shale.....	4 ".....	51 "
4	Hard Mill Limestone.....	5 ".....	56 "
5	Slate Shale.....	12 ".....	68 "
6	Limestone, very hard.....	8 ".....	76 "
7	Slate Shale.....	173 ".....	249 "
8	Limestone.....	70 ".....	319 "
9	Slate Shale.....	20 ".....	339 "
10	Limestone.....	55 ".....	394 "
11	Slate Shale.....	96 ".....	490 "
12	Limestone.....	20 ".....	510 "
13	White Sandstone, strong flow of water, (cased at 662 feet).....	20 ".....	530 "
14	Limestone, a little water.....	315 ".....	845 "
15	Slate, (caved badly).....	60 ".....	905 "
16	Sandy Limestone.....	30 ".....	935 "
17	Slate Shale, (caved).....	35 ".....	970 "
18	Water Sand, (cased at 1000 feet).....	25 ".....	995 "
19	Slate Shale.....	7 ".....	1,002 "
20	Limestone.....	30 ".....	1,032 "
21	Slate and Caving Limestone.....	72 ".....	1,110 "
22	Sandstone.....	10 ".....	1,120 "
23	Slate Shale.....	130 ".....	1,250 "
24	Black soft Sandstone.....	8 ".....	1,258 "
25	Sandstone.....	22 ".....	1,280 "
26	Slate Shale.....	40 ".....	1,320 "
27	Limestone, mixed with Shells and Sand.....	85 ".....	1,405 "
28	Flint, with water.....	75 ".....	1,480 "

Record of a Well at Chanute, Neosho County.

PLATE XXV.

Ten feet lower than Santa Fe track at water station. Completed May 18, 1894. Located on Section 16, Township 27, Range 18. Reported by Guffey & Galey.

	MATERIAL.	Thickness of Strata.	Depth to Bottom of Strata.
1	Sandy Soil.....	4 feet.....	4 feet.
2	Loose Soil.....	15 ".....	19 "
3	Quicksand and Gravel.....	5 ".....	24 "
4	Soapstone Shale.....	8 ".....	32 "
5	Limestone and Shale.....	98 ".....	130 "
6	Black Slate Shale—Water.....	10 ".....	140 "
7	Limestone.....	30 ".....	170 "
8	Shale.....	2 ".....	172 "
9	Limestone.....	8 ".....	180 "
10	Shale, Sandstone and Slate.....	109 ".....	289 "
11	Limestone.....	5 ".....	294 "
12	Shale.....	20 ".....	314 "
13	Slate Shale.....	4 ".....	318 "
14	Limestone.....	10 ".....	328 "
15	Shale and Limestone.....	76 ".....	404 "
16	Blue Sandstone.....	8 ".....	412 "
17	Shale.....	5 ".....	431 "
18	Limestone.....	55 ".....	486 "
19	Black Slate Shale.....	2 ".....	488 "
20	Limestone.....	8 ".....	496 "
21	Blue Shale.....	26 ".....	522 "
22	Limestone.....	18 ".....	540 "
23	Black Slate Shale.....	5 ".....	545 "
24	Limestone.....	4 ".....	549 "
25	Blue and Black Slate Shale.....	257 ".....	806 "
26	Black Sandstone.....	5 ".....	811 "
27	Gray Sandstone.....	10 ".....	821 "
28	White Sandstone—Salt Water.....	143 ".....	964 "
29	Black Shale.....	6 ".....	970 "
30	Limestone.....	12 ".....	982 "

Figure 1.

Figure 2.

FALL RIVER WELL
(G. & G.)

CHANUTE WELL
Sec. 16, T. 27, R. 18

