



11 Lewis Drive

Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Phone: 913-557-9083

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WELL LOG

Petroleum Technologies, Inc.

Sawyer #8A

API #15-091-24,317

July 10 - July 14, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
13	soil & clay	13
13	shale	26
3	lime	29
4	shale	33
15	lime	48
10	shale	58
6	lime	64
10	shale	74
21	lime	95
18	shale	113
24	lime	137
6	shale	143
10	lime	153
2	shale	155
41	lime	196
18	shale	214
9	lime	223
19	shale	242
7	lime	249
3	shale	252
13	lime	265
28	shale	293
2	lime	295
8	shale	303
27	lime	330
8	shale	338
22	lime	360
4	shale	364
14	lime	378 base of the Kansas City
170	shale	548
4	lime	552
13	shale	565
8	lime	573
15	shale	588
3	lime	591
44	shale	635
2	lime	637
70	shale	707
12	broken sand	719 brown & grey, light bleeding

13	shale	732
1	coal	733
28	shale	761
1	coal	762
66	shale	828
5	limey sand	833
2	limey sand	835
4	limey sand	839
8	silty shale	847
1	coal	848
42	shale	890 TD

Drilled a 9 7/8" hole to 22.2'

Drilled a 5 5/8" hole to 890'

Set 22.2' of 7" casing cemented with 5 sacks cement.

Set 870' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, and 1 clamp.