



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 #10i

API #15-091-24,337

July 16 - July 17, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
14	soil & clay	14
5	shale	19
5	lime	24
3	shale	27
16	lime	43
8	shale	51
8	lime	59
10	shale	69
21	lime	90
20	shale	110
24	lime	134
6	shale	140
11	lime	151
2	shale	153
40	lime	193
18	shale	211
8	lime	219
20	shale	239
7	lime	246
4	shale	250
7	lime	257
44	shale	301
7	lime	308
2	shale	310
17	lime	327
9	shale	336
22	lime	358
4	shale	362
15	lime	377 base of the Kansas City
170	shale	547
9	lime	556
7	shale	563
5	lime	568
16	shale	584
3	lime	587
2	shale	589
1	coal	590
55	shale	645
2	lime	647
56	shale	703



11	broken sand	714
60	shale	774
1	coal	775
36	shale	811
4	sand	815
8	shale	823
4	limey sand	827
2	limey oil sand	829
4.5	limey oil sand	833.5
4.5	shale	838
4.5	broken sand	842.5
2.5	shale	845
1.5	coal	846.5
40.5	shale	887 TD

Drilled a 9 7/8" hole to 21.6'

Drilled a 5 5/8" hole to 887'

Set 21.6' of 7" casing cemented with 5 sacks cement.

Set 867' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, and 1 clamp.