



24 S. Gold Paola, KS 66071

Allen's Holdings & Investments
Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

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WELL LOG

Petroleum Technologies, Inc.
 Knabe A - #6
 API #15-091-24503-00-00
 June 28, 2019-July 2, 2019

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
11	soil & clay	11
37	shale	48
5	lime	53
2	shale	55
15	lime	70
7	shale	77
8	lime	85
9	shale	94
17	lime	111
2	shale	113
3	lime	116
16	shale	132
2	lime	134
6	shale	140
24	lime	164
12	shale	176
15	lime	191
6	shale	197
28	lime	225
15	shale	240
8	lime	248
23	shale	271
4	lime	275
5	shale	280
9	lime	289
30	shale	319
2	lime	321
10	shale	331
9	lime	340
3	shale	343
17	lime	360
7	shale	367
20	lime	387
5	shale	392
15	lime	407
	Base of Kansas City	

32	shale		439
6	sand		445 Green, no show
133	shale		578
5	lime		583
3	shale		586
4	lime		590
7	shale		597
5	lime		602
5	broken sand		607 Brown sand & shale
11	shale		618
3	lime		621
1	shale		622
1	coal		623
4	shale		627
10	lime		637
29	shale	87	666 Redbud
2	lime		668
70	shale		738
5	broken sand		743 Brown sand & shale
4	silty shale		747
15	shale		762
1	coal		763
3	shale		766
3	lime		769
29	shale		798
3	oil sand		801 Grey & brown, ok bleed, gassy
3	silty shale		804
53	shale		857
4	limy sand		861
1	oil sand		862
1	oil sand		863
5	oil sand		868
1	broken sand		869
3	silty shale		872
8	shale		880
1	coal		881
86	shale		967 TD

Drilled a 9 7/8" hole to 21.7'

Drilled a 5 5/8" hole to 967'

Set 21.7' of new 7" casing threaded and coupled, cemented with 5 sacks cement.

Set 937' of new 2 7/8" 8 round upset tubing with a baffle set at 903' ran 3 centralizers, 1 float shoe, 1 clamp

Dug 1 pit