



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

Richard Falkin

Harts Farm #19

API #15-037-22337

June 1 - June 2, 2017

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
9	soil & clay	9
40	shale	49
10	lime	59
4	shale	63
6	lime	69
73	shale	142
42	lime	184 oil show
49	shale	233
17	lime	250
9	shale	259
3	lime	262
10	shale	272
9	lime	281 oil show
94	shale	375
5	lime	380
6	shale	386
3	lime	389
12	shale	401
4	lime	405
32	shale	437
2	lime	439
76	shale	515
2	lime	517
58	shale	575
4	broken sand	579 brown & black, 80% bleeding
1	broken sand	580 black & white
2	silty shale	582
2	broken sand	584 brown & grey
8	oil sand	592 brown 100% bleeding
3	broken sand	595 black & white light oil show
2	silty shale	597
1	coal	598
24	shale	622 TD

Drilled a 9 7/8" hole to 22.1'

Drilled a 5 5/8" hole to 622'

Set 22.1' of 7" surface casing cemented with 5 sacks of cement.

Set 612.1' of 2 7/8" 8 round upset 3 centralizers, 1 float shoe, 1 clamp.