



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 #12  
API #15-037-22334  
May 31 - June 1, 2017

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
46	shale	54
19	lime	73
6	shale	79
14	lime	93
56	shale	149
4	lime	153
4	shale	157
33	lime	190 oil show
50	shale	240
19	lime	259
7	shale	266
4	lime	270
3	shale	273
12	lime	285 oil show
98	shale	383
2	lime	385
15	shale	400
8	lime	408
60	shale	468
3	lime	471
33	shale	504
1	coal	505
51	shale	556
4	lime	560
20	shale	580
1	broken sand	581 grey & white, no oil
5	oil sand	586 brown, 100% bleeding
7	broken sand	593 brown & grey, thin bleeding seams
4	oil sand	597 brown 100% bleeding
3	broken sand	600 brown & grey thin bleeding seams
4	silty shale	604
1	coal	605
25	shale	630 TD

Drilled a 9 7/8" hole to 22.2'

Drilled a 5 5/8" hole to 630'

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

Set 620' of 2 7/8" 8 round upset 3 centralizers, 1 float shoe, 1 clamp.