



11 Lewis Drive

Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

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WELL LOG

Kansas Resource Exploration & Development, LLC

Guetterman #KRI-15

API # 15-091-23,959

December 18 - December 20, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
2	soil & clay	2
46	shale	48
5	lime	53
5	shale	58
9	lime	67
2	shale	69
13	lime	82
9	shale	91
8	lime	99
9	shale	108
17	lime	125
18	shale	143
15	lime	158
11	shale	169
49	lime	218 making water 210-218
25	shale	243
8	lime	251
17	shale	268
6	lime	274
8	shale	282
7	lime	289
5	shale	294
3	lime	297
35	shale	332
4	lime	336
6	shale	342
11	lime	353 oil show
12	shale	365
24	lime	389
4	shale	393
3	lime	396
7	shale	403
4	lime	407 base of the Kansas City
176	shale	583
9	lime	592
1	shale	593
2	coal	595
1	shale	596
10	lime	606
26	shale	632
16	lime	648

19	shale	667 red
2	lime	669
76	shale	745
3	broken sand	748 brown & grey, ok bleeding
1	oil sand	749 brown sand, ok bleeding
3	broken sand	752 brown & shale, light bleeding
20	shale	772
1	coal	773
4	shale	777
2	lime	779
10	shale	789
1	lime	790
13	shale	803
1	coal	804
3	shale	807
4	grey sand	811
8	shale	819
1	coal	820
24	shale	844
1	coal	845
22	shale	867
4	broken sand	871 brown & lime, light bleeding
3	oil sand	874 brown, good bleeding
3	broken sand	877 brown & grey, good bleeding
38	shale	915 TD

Drilled a 9 7/8" hole to 10' ^{20'}

Drilled a 5 5/8" hole to 915'

Set ^{20'} of 7" surface casing cemented with 6 sacks of cement

Set 905' of 2 7/8" 8 round upset tubing, with 3 centralizers, 1 float shoe, & 1 clamp.