



**EVANS
ENERGY
DEVELOPMENT
INC.**

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

Kansas Resource Exploration & Development, LLC

Guetterman #KRI-9

API # 15-091-23,960

January 16 - January 18, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
19	soil & clay	19
2	shale	21
23	lime	44
9	shale	53
8	lime	61
9	shale	70
16	lime	86
20	shale	106
20	lime	126
6	shale	132
48	lime	180
24	shale	204
9	lime	213
15	shale	228
8	lime	236
9	shale	245
13	lime	258
5	shale	263
3	lime	266
27	shale	293
9	lime	302
3	shale	305
6	lime	311
3	shale	314
4	lime	318
10	shale	328
20	lime	348
3	shale	351
5	lime	356
2	shale	358
7	lime	365
27	shale	392
8	sand	400 grey & green, making gas
136	shale	536
6	lime	542
8	shale	550
1	coal	551
5	shale	556
6	lime	562

15	shale	577
4	lime	581
6	shale	587
4	lime	591
2	shale	593
1	lime	594
29	shale	623 red
2	lime	625
73	shale	698
8	broken sand	706 brown & grey, light bleeding
17	shale	723
1	coal	724
3	shale	727
3	lime	730
23	shale	753
1	coal	754
38	shale	792
1	coal	793
22	shale	815
0.5	broken sand	815.5 brown sand & lime, good bleeding
2.5	oil sand	818 brown, good bleeding, few thin lime streaks
2	broken sand	820 85% brown sand, 15% lime & shale, good bleeding
2	silty shale	822
4	shale	826
1	lime	827
53	shale	880 TD

Drilled a 9 7/8" hole to 22'

Drilled a 5 5/8" hole to 880'

Set 22' of 7" surface casing cemented with 6 sacks of cement

Set 870' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.