



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

D & Z Exploration, Inc.

East Gordon # I-5

API # 15-091-24,311

November 5 - November 6, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
12	soil & clay	12
35	shale	47
4	lime	51
5	shale	56
18	lime	74
8	shale	82
9	lime	91
8	shale	99
20	lime	119
16	shale	135
18	lime	153
8	shale	161
59	lime	220
20	shale	240
8	lime	248
19	shale	267
21	lime	288
46	shale	334
25	lime	359
7	shale	366
33	lime	399
4	shale	403
6	lime	409 base of the Kansas City
174	shale	583
6	lime	589
9	shale	598
8	lime	606
17	shale	623
3	lime	626
8	shale	634
3	lime	637
2	shale	639
4	lime	643
25	shale	668
2	lime	670
6	shale	676
1	lime	677
55	shale	732
1	lime	733

5	shale	738
1	lime	739
10	shale	749
3	badly broken sand	752 odor
27	shale	779
1	lime	780
91	shale	871
4	oil sand	875 good saturation and bleeding
2	broken sand	877 white silty sand and oil sand
2	oil sand	879 oil sand clean
2	broken sand	881 oil sand and grey shale, good bleeding
31	shale	912
1	lime	913
47	shale	960 TD

Drilled a 9 7/8" hole to 24'

Drilled a 5 5/8" hole to 960'

Set 24' of 7" threaded and coupled surface casing cemented with 6 sacks of cement.

Set 917' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp