



11 Lewis Drive

Paola, KS 66071

**Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation**

Phone: 913-557-9083

Fax: 913-557-9084

WELL LOG

D & Z Exploration, Inc.

East Gordon # 25

API # 15-091-24,354

December 1 - December 2, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
16	soil & clay	16
65	shale	81
4	lime	85
6	shale	91
18	lime	109
8	shale	117
9	lime	126
9	shale	135
18	lime	153
17	shale	170
18	lime	188
9	shale	197
60	lime	257
2	shale	259
4	lime	263
21	shale	284
8	lime	292
3	shale	295
8	lime	303
51	shale	354
1	lime	355
1	shale	356
19	lime	375
11	shale	386
21	lime	407
11	shale	418
9	lime	427 base of the Kansas City
172	shale	599
7	lime	606
2	shale	608
3	lime	611
6	shale	617
10	lime	627
13	shale	640
4	lime	644
6	shale	650
5	lime	655
90	shale	745
3	lime	748
19	shale	767

7	broken sand	774 brown & grey, light bleeding
114	shale	888
1	limey sand	889 black & white, good bleeding
4	oil sand	893 black, good bleeding
2	limey sand	895 black & white, good bleeding
3	limey sand	898 white, no oil
4	limey sand	902 black & white, good bleeding
78	shale	980 TD

Drilled a 9 7/8" hole to 24'

Drilled a 5 5/8" hole to 980'

Set 24' of 7" surface casing, cemented with 5 sacks of cement.

Set 948.5' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp