



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 #W5

API # 15-091-24,316

November 3 - November 4, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
4	sandstone	12
35	sandy shale	47
2	lime	49
17	shale	66
7	lime	73
5	shale	78
17	lime	95
9	shale	104
9	lime	113
7	shale	120
20	lime	140
15	shale	155
18	lime	173
8	shale	181
59	lime	240
20	shale	260
9	lime	269
20	shale	289
21	lime	310
45	shale	355
24	lime	379
8	shale	387
24	lime	411
4	shale	415
15	lime	430 base of the Kansas City
172	shale	602
10	lime	612
1	shale	613
2	lime	615
7	shale	622
7	lime	629
16	shale	645
4	lime	649
6	shale	655
4	lime	659
5	shale	664
1	lime	665

27	shale	692
2	lime	694
4	shale	698
1	lime	699
60	shale	759
1	lime & shells	760
10	shale	770
4	broken sand	774 light brown sand & grey shale
116	shale	890
10	oil sand	900 good saturation, good bleeding
2	broken sand	902 50% bleeding sand, 50% shale
50	shale	952
1	lime	953
27	shale	980 TD

Drilled a 9 7/8" hole to 22.7'

Drilled a 5 5/8" hole to 980'

Set 22.7' of 7" surface casing cemented with 5 sacks of cement.

Set 944.65' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp