



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.
Sugar Ridge Farms #S2
API # 15-091-24,286
April 7 - April 8, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
18	soil & clay	18
4	shale	22
3	lime	25
2	shale	27
20	lime	47
6	shale	53
10	lime	63
6	shale	69
22	lime	91
20	shale	111
22	lime	133
15	shale	148
10	lime	158
11	shale	169
34	lime	203
15	shale	218
8	lime	226
21	shale	247
7	lime	254
4	shale	258
8	lime	266
45	shale	311
24	lime	335
7	shale	342
23	lime	365
6	shale	371
15	lime	386 base of the Kansas City
27	shale	413
10	sand	423
137	shale	560
7	lime	567
3	shale	570
3	lime	573
1	shale	574
1	coal	575
6	shale	581
9	lime	590

12	shale	602
4	lime	606
4	shale	610
3	lime	613
33	shale	646
7	lime	653
7	shale	660
3	lime	663
2	shale	665
8	sand	673 white, no oil
56	shale	729
1	oil sand	730 brown ok bleeding
1	limey sand	731 brown & white ok bleeding
4	broken oil sand	735 brown & grey light bleeding
13	silty shale	748
8	shale	756
1	coal	757
93	shale	850
3	limey oil sand	853 brown & white good bleeding
4	oil sand	857 brown good bleeding
2	limey oil sand	859 brown & white good bleeding
4	broken sand	863 white & grey no oil
40	shale	903
37	silty shale	940 TD

Drilled a 9 7/8" hole to 21.3'

Drilled a 5 5/8" hole to 940'

Set 21.3' of 7" surface casing cemented with 5 sacks of cement.

Set 897.5' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp