



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 # 24

API # 15-091-24,354

November 10 - November 11, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
7	sandstone	15
49	shale	64
4	lime	68
8	shale	76
17	lime	93
8	shale	101
10	lime	111
7	shale	118
20	lime	138
15	shale	153
17	lime	170
9	shale	179
59	lime	238
20	shale	258
9	lime	267
20	shale	287
20	lime	307
45	shale	352
25	lime	377
7	shale	384
24	lime	408
5	shale	413
15	lime	428 base of the Kansas City
170	shale	598
6	lime	604
3	shale	607
3	lime	610
8	shale	618
8	lime	626
1	shale	627
3	lime	630
24	shale	654
2	lime	656
4	shale	660
3	lime	663
29	shale	962
3	lime	695
60	shale	755
1	lime	756
10	shale	766
4	badly broken sand	770 broken sand-grey shale, oil sand

108	shale	878
1	lime	879
7	shale	886
4	oil sand	890 good, clean bleeding
2	white silt	892 few bleeding seams
4	oil sand	896 good, clean bleeding
2	broken sand	898 oil sand & grey shale
82	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 6 sacks of cement.

Set a total of 945.45' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp, and 1 seating nipple