



Fueling American Prosperity™

Oil and Gas Well Drilling

3137 Virginia Rd, Wellsville KS 66092

Owners: Clay Hughes
Isaac Burbank

Well Log

Owners: Clay Hughes & Ray Groshong
Clayton, Well #: GH I-1
Sec. 29 Twp. 15 Rng. 21
FSL: 3590 FEL: 4880
API: 15-059-27058
Start: 09/02/15
End: 09/03/15

Phone: (785) 979-9493
(913) 963-9127
Fax: (785) 883-2305

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
18	Soil & Clay	18
18	Sandstone	36
83	Shale	119
10	Lime	129
5	Shale	134
15	Lime	149
7	Shale	156
9	Lime	165
5	Shale	170
19	Lime	189
34	Shale	223
22	Lime	245
79	Shale	324
39	Lime	363
46	Shale	409
2	Lime	411
13	Shale	424
8	Lime	432
3	Shale	435
14	Lime	449
9	Shale	458
21	Lime	479
4	Shale	483
6	Lime	489
2	Shale	491
5	Lime	496
176	Shale	672
8	Lime	680
12	Shale	692
8	Lime	700
2	Shale	702
9	Lime	711

Base of the Kansas City / Hertha

Clayton GH I-1

11	Shale	722	
5	Lime	727	Brown, light oil show, hard
1	Coal	728	
6	Shale	734	
2	Lime	736	
5	Shale	741	
2	Lime	743	
1	Shale	744	
2	Lime	746	
19	Shale	765	
6	Broken Lime	771	
3	Silty Shale	774	
1	Limey Sand	775	
1	Broken Sand	776	80% brown sand, 20% shale, no bleed
1.5	Oil Sand	777.5	Brown sand, ok bleed
1.5	Broken Sand	779	Very laminated, 40% brown sand, 60% shale, light bleed
1	Oil Sand	780	Brown, light bleed
1	Broken Sand	781	50% brown sand, 50% shale, light bleed
1.5	Oil Sand	782.5	Light brown sand, few thin shale seems, ok bleed
2.5	Broken Sand	785	70% brown sand, 30% shale, gassy, good bleed
2	Silty Shale	787	
64	Shale	851	
1	Broken Sand	852	Light brown sand & shale, no oil
12	Shale	864	TD

Drilled an 11" hole to 42.3'
 Drilled a 5 5/8" hole to 864'

09/02/15 set 42.3' of 7" surface casing, cemented with 11 sacks of cement.

09/03/15 cored Upper Squirrel zone.

09/03/15 set 854' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 clamp, 1 float-shoe, and baffle.
 Baffle set at 822'.

Best Perforation Zone: 776.5'-785' (Avoid 775-776.5), C.C.H.

	Core Times	
<u>Depth</u>	<u>Minutes</u>	<u>Seconds</u>
773-774	1	47
775	3	22
776	1	58
777	1	31
778	1	30
779		56
780	1	01
781		51
782	1	16
783	1	01
784	1	14
785	1	14
786	1	07
787	1	09
788	1	08
789	1	02
790	1	04
791	1	09
792-793	1	18

