



INC.

11 Lewis Drive

Paola, KS 66071

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

Phone: 913-557-9083

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WELL LOG

Justin Energy Corporation

North Hoehn #5

API #15-059-26,579

January 24 - January 29, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
21	lime	29
6	shale	35
11	lime	46
5	shale	51
15	lime	66
35	shale	101
21	lime	122
80	shale	202
21	lime	223
26	shale	249
3	lime	252
31	shale	283
7	lime	290
6	shale	296
1	lime	297
16	shale	313
6	lime	319
5	shale	324
18	lime	342
3	shale	345
23	lime	368
4	shale	372
3	lime	375
4	shale	379
4	lime	383
	base of the Kansas City light oil show	
115	shale	498
3	broken sand	501
32	shale	533
7	lime	540
4	shale	544
4	silty shale	548
7	oil sand	555
1	lime	556
1	oil sand	557
29	shale	586
6	lime	592
15	shale	607

3	lime	610
7	shale	617
2	lime	619
3	shale	622
4	lime & shale	626 light oil show
4	shale	630
1	lime	631
8	shale	639 black
3	lime	642 broken lime, good bleeding (soft)
1	lime	643
4	shale	647
1.5	silty shale	648.5
2	broken sand	650.5 50% brown sand 50% shale ok bleeding
10.5	oil sand	661 brown sand good bleeding & saturation few thin shale seams
3.5	lime	664.5
9	oil sand	673.5 brown sand good bleeding & saturation
1	broken sand	674.5 30% shale 70% oil sand good bleeding
3.5	broken sand	678 90% brown sand 10% shale good bleeding
4	broken sand	682 30% sand 70% shale ok bleeding
7	oil sand	689 dark brown sand light bleeding
17	black sand	706 light bleeding
14	shale	720 TD

Drilled a 9 7/8" hole to 22.1'

Drilled a 5 5/8" hole to 720'

Set 22.1' of 7" casing threaded and coupled cemented with 6 sacks of cement.

Set 708.75' of new 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

	Core Times	
	<u>Minutes</u>	<u>Seconds</u>
648.5		39
649	1	2
650		41
651		43
652		42
653		44
654		51
655		59
656	1	0
657		49
658		36
659		41
660	1	19
661	2	31
662	2	33
663	2	19
664		45
665		40
666		38
667		38
668		40
669		42
670		49
671		44
672		48
673	1	7
674		54
675		57
676		51
677		52
678		52
679		45
680		40
681		34
682		36
683		35
684		40
685		38
686		49
687		15

