



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

Justin Energy Corporation
R&M Hoehn #1
API #15-059-26,712
June 26 - June 27, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
11	lime	19
6	shale	25
11	lime	36
3	shale	39
16	lime	55
25	shale	80
3	lime	83
7	shale	90
18	lime	108
84	shale	192
21	lime	213
26	shale	239
5	lime	244
16	shale	260
7	broken sand	267 brown & green ok bleeding
7	shale	274
5	lime	279
24	shale	303
23	lime	326
6	shale	332
24	lime	356
4	shale	360
15	lime	375 base of the Kansas City
145	shale	520
7	lime	527
12	shale	539
10	broken oil sand	549 green ok bleeding
16	silty shale	565
1	coal	566
7	shale	573
2	lime	575
18	shale	593
3	lime	596
1	shale	597
1	coal	598
18	shale	616
1	lime	617
9	shale	626

3	lime	629 light bleeding
6	shale	635
2.5	broken sand	637.5 brown & green 90% bleeding
5	oil sand	642.5 brown 100% bleeding
0.5	broken sand	643 brown & green 10% bleeding
1.5	oil sand	644.5 black 80% bleeding
1.5	limey sand	646
5.5	broken sand	651.5 brown & green 70% bleeding
1	shale	652.5
1.5	broken sand	654 brown & green light bleeding
34	shale	688
2	broken sand	690 brown & grey light oil show
		690 TD

Drilled a 9 7/8" hole to 22.6'

Drilled a 5 5/8" hole to 690'

Set 22.6' of 7" casing cemented with 5 sacks of cement.

Set 680' 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>
636	34
637	29
638	21
639	29
640	27
641	28
642	29
643	31
644	29
645	52
646	51
647	35
648	40
649	38
650	38
651	34
652	42
653	37
654	41
655	39



CONSOLIDATED
Oil Well Services, LLC

269180

TICKET NUMBER 47355
LOCATION Attawa, KS
FOREMAN Carey Kennedy

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6/27/14	4174	RM Hoban #1	NE 20	16	21	FR
CUSTOMER			TRUCK #			
Justin Energy Corp			729	Casey	✓	Safety Meeting
MAILING ADDRESS			666	KeiCar	✓	
40971 W 247th			503	Trotter	✓	
CITY	STATE	ZIP CODE	369	Mikhaa	✓	
Wellsville	KS	666092				
JOB TYPE <u>long string</u>	HOLE SIZE <u>5 5/8"</u>	HOLE DEPTH <u>690'</u>	CASING SIZE & WEIGHT <u>2 7/8" EUE</u>			
CASING DEPTH <u>680'</u>	DRILL PIPE	TUBING	OTHER			
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING			
DISPLACEMENT <u>3.94 bbls</u>	DISPLACEMENT PSI	MIX PSI	RATE <u>5 bpm</u>			

REMARKS: held safety meeting, established circulation, mixed & pumped 200 # Premium Gel followed by 10 bbls fresh water, mixed & pumped 92 sks 50% Pozmix cement w/ 2% gel per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to casing TD w/ 3.94 bbls fresh water, pressured to 800 PSI, released pressure, shut-in casing.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	15 mi	MILEAGE		1085.00
5402	680'	casing footage		63.00
5407	minimum	ton mileage		368.00
5502C	2 hrs	80 vac ✓		200.00
1124	92 sks	50% Pozmix cement	1058.00	
1118B	355 #	Premium Gel	78.10	
		materials	1136.10	
		- 30%	340.83	
		subtotal		795.27
4402	1	2 1/2" rubber plug		29.50
			2970.77	
		7.65%	SALES TAX	63.10
			ESTIMATED TOTAL	2603.87

Ravin 3737

AUTHORIZATION TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.