



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 #2
API #15-059-26,713
June 27 - June 30, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
6	soil & clay	6
15	lime	21
9	shale	30
10	lime	40
4	shale	44
17	lime	61
35	shale	96
20	lime	116 oil show
81	shale	197
22	lime	219
26	shale	245
6	lime	251
16	shale	267
6	broken sand	273 brown & grey, light bleeding
8	shale	281
5	lime	286
7	shale	293
6	lime	299
11	shale	310
21	lime	331
8	shale	339
21	lime	360
6	shale	366
13	lime	379 base of the Kansas City
142	shale	521
4	lime	525
2	shale	527
7	lime	534
14	shale	548
12	broken sand	560 brown & green ok bleeding
11	shale	571
1	coal	572
27	shale	599
3	lime	602
29	shale	631
3	lime	634 ok bleeding
8	shale	642
0.5	broken sand	642.5 brown & green, light bleeding
1	oil sand	643.5 brown no bleeding

R&M Hoehn #2

Page 2

7.5	oil sand	651 brown 60% bleeding
3	broken sand	654 brown & grey 10% bleeding
0.5	limey sand	654.5
8.5	broken sand	663 brown & green 10% thin bleeding seams
36	shale	699 TD

Drilled a 9 7/8" hole to 22.4'

Drilled a 5 5/8" hole to 699'

Set 22.4' of 7" casing cemented with 5 sacks of cement.

Set 690' 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>
643		29
644		27
645		32
646		39
647		40
648		29
649		29
650		33
651		31
652		33
653		27
654		31
655		34
656		35
657	1	14
658		40
659		39
660		34
661		38
662		33
663		46



CONSOLIDATED
Oil Well Services, LLC

269200

TICKET NUMBER 47357
LOCATION Ottawa, KS
FOREMAN Casen 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
6/30/14	4174	RM Hoehn # 2	NE 20	110	21	FR

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
Justin Energy	729	Casken	✓ Safety	Maatling
	6060	Keigar	✓	
	510	DustWeb	✓	
	369	MikHaa	✓	

MAILING ADDRESS	CITY	STATE	ZIP CODE
40971 W. 247th	Wellsville	KS	66092

JOB TYPE long string HOLE SIZE 5 5/8" HOLE DEPTH 699' CASING SIZE & WEIGHT 2 7/8" EUE
 CASING DEPTH 691' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 4.00 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 bpm

REMARKS: held safety, weeping, established circulation, mixed & pumped 200# Premium Gel followed by 10 bbls fresh water, mixed & pumped 101 sks 50/50 Pozmix cement w/ 2% gel per sk, cement to surface, flushed pump clean, pumped 2 1/2 rubber plug to casing TD w/ 4.00 bbls fresh water, pressured to 800 PSI, released pressure, shut-in casing.

[Handwritten signature]

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1085.00
5400	15 mi	MILEAGE		63.00
5402	691'	casing footage		
5407	minimum	ten mileage		368.00
5502C	2 hrs	80 Vac		200.00
1124	101 sks	50/50 Pozmix cement	1161.50	
1118B	370 #	Premium Gel	81.40	
		materials	1242.90	
		- 30%	372.84	
		subtotal		870.03
4402	1	2 1/2" rubber plug		29.50
			3085.74	
		7.65%	SALES TAX	108.82
			ESTIMATED TOTAL	2684.35

Revin 3737

AUTHORIZATION [Signature] 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