



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  
North Hoehn #12  
API #15-059-26,834  
June 16 - June 17, 2015

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
10	soil & clay	10
18	lime	28
5	shale	33
11	lime	44
5	shale	49
16	lime	65
19	shale	84
4	lime	88 oil show
10	shale	98
24	lime	122
3	shale	125
5	lime	130
73	shale	203
21	lime	224
11	shale	235
4	lime	239
11	shale	250
5	lime	255
19	shale	274
3	broken sand	277 brown & grey, light bleeding
9	shale	286
5	lime	291
6	shale	297
2	lime	299
16	shale	315
23	lime	338 oil show
7	shale	345
23	lime	368
2	shale	370
16	lime	386 base of the Kansas City
145	shale	531
9	lime	540
5	shale	545
6	lime	551
14	broken sand	565 brown & green, ok bleeding
19	shale	584
5	lime	589
15	shale	604

3	limey sand	607 brown
21	shale	628
2	limey sand	630
6	shale	636
7	limey sand	643 brown & white, good bleeding
4	shale	647
1	limey broken sand	648 brown and white, 90% bleeding
0.5	limey sand	648.5 white, no oil
1.5	limey broken sand	650 brown & white, 90% bleeding
10	oil sand	660 brown 100% bleeding
1	limey broken	661 brown & white, 90% bleeding
4	broken sand	665 brown & green, 70% shale 30% sand 10% bleeding
42	shale	707 TD

Drilled a 9 7/8" hole to 22.7'

Drilled a 5 5/8" hole to 707'

Set 22.7' of 7" surface casing with 5 sacks of cement.

Set 697' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp

**Core Times**

	<u>Minutes</u>	<u>Seconds</u>
648	1	3
649	1	21
650		35
651		24
652		24
653		23
654		25
655		26
656		25
657		26
658		31
659		29
660		31
661		35
662		41
663		30
664		30
665		31
666		42
667		38
668		37



**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 51044  
LOCATION Ottawa KS  
FOREMAN Fred Mader

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
6-17-15	4174	No. Hoehn # 12	NW 20	16	21	FR
CUSTOMER			TRUCK #			
Mailing Address			DRIVER		TRUCK #	
CITY			DRIVER		TRUCK #	
STATE			DRIVER		TRUCK #	
ZIP CODE			DRIVER		TRUCK #	
Wellsville			Fred Mader		712	
KS			Har Bae		495	
66092			Kaidax		675	
			Bro Bir		548	

Justin Energy Corp  
40971 W 247th St  
Wellsville KS 66092

JOB TYPE Log string HOLE SIZE 5 7/8" HOLE DEPTH 710 CASING SIZE & WEIGHT 2 7/8 EBF  
CASING DEPTH 697 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 1/2" Plug  
DISPLACEMENT 4.05 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Hold Safety meeting. Establish pump rate. Mix + Pump 100# Gel  
Flush. Mix & Pump 5ks Por Blend IA Cement 2% Gel. Cement  
to surface. Flush pump + lines clean. Displace 2 1/2" Rubber plug  
to casing TD. Pressure to 800# PSI. Release pressure to set  
float valve. Shut in casing.

Evans Energy Dev. Inc. - Travis

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	495	1500.00
CE0002	20mi	MILEAGE	495	143.00
CE0711	Minimum	Ten Miles Delivery	540	660.00
WE0853	1 1/2 hr	80 BBL. Vac Truck	675	1500.00
		Sub Total		2453.00
		Less 39%		-956.67
				1496.33
CP8176	1	2 1/2" Rubber Plug	45.00	
CC5840	98.6ks	Por Blend IA Cement	1323.00	
CC5965	265#	Bentonite Gel	79.50	
		Sub Total		1447.50
		Less 39%		-564.53
				882.97
		7.65%	SALES TAX	67.55
			ESTIMATED TOTAL	2446.55

Revin 3737

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE 40.11.23

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.