

Miami County, KS
Well: Green 7
Lease Owner: HoneyWell

Town Oilfield Service, Inc.
(913) 837-8400

Commenced Spudding:
7/21/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
0-17	Soil-Clay	17
36	Shale	53
16	Lime	69
9	Shale	78
3	Lime	81
8	Shale	89
9	Shale	98
12	Shale	110
4	Lime	114
30	Shale	144
8	Lime	152
4	Shale	156
1	Lime	157
13	Shale	170
25	Lime	195
8	Shale	203
22	Lime	225
5	Shale	230
3	Lime	233
4	Shale	237
5	Lime	242
6	Shale	248
4	Sand	252
5	Sandy Shale	257
24	Shale	281
17	Sandy Shale	298
58	Shale	356
5	Sand	361
4	Sandy Shale	365
23	Shale	388
14	Shale	402
27	Shale	429
8	Lime	437
8	Shale	445
6	Lime	451
11	Shale	462
6	Lime	468
13	Shale	481
3	Lime	484
12	Shale	496

Short Cuts

TANK CAPACITY

BBLs. (42 gal.) equals $D^2 \times .14 \times h$

D equals diameter in feet.

h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals $BPH \times PSI \times .0004$

BPH - barrels per hour

PSI - pounds square inch

TO FIGURE PUMP DRIVES

* D - Diameter of Pump Sheave

* d - Diameter of Engine Sheave

SPM - Strokes per minute

RPM - Engine Speed

R - Gear Box Ratio

*C - Shaft Center Distance

D - $RPM \times d$ over $SPM \times R$

d - $SPM \times R \times D$ over RPM

SPM - $RPM \times D$ over $R \times d$

R - $RPM \times D$ over $SPM \times d$

BELT LENGTH - $2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS: $\frac{WATTS}{VOLTS} = AMPS$

746 WATTS equal 1 HP

Log Book

Well No. 7

Farm Green

KS Miami
(State) (County)

2 17 22
(Section) (Township) (Range)

For Honey Well
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East
Louisburg, KS 66053
913-710-5400

Thickness of Strata	Formation	Total Depth	Remarks
0-17	Soil-Clay	17	
36	Shale	53	
16	Lime	69	
9	Shale	78	
3	Lime	81	
8	Shale	89	
9	Shale & Lime	98	
12	Shale	110	
4	Lime	114	
30	Shale	144	
8	Lime	152	
4	Shale	156	
1	Lime	157	
13	Shale	170	
25	Lime	195	
8	Shale	203	
22	Lime	225	
5	Shale	230	
3	Lime	233	
4	Shale	237	
5	Lime	242	Hertha
6	Shale	248	
4	Sand	252	No Oil
5	Sandy Shale	257	
24	Shale	281	
17	Sandy Shale	298	
58	Shale	356	

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Thickness of Strata	Formation	Total Depth	Remarks
5	Sand	361	No Oil
4	Sandy Shale	365	
23	Shale	389	
14	Shale & Lime	402	
27	Shale	429	
8	Lime	437	
8	Shale	445	
6	Lime	451	
11	Shale	462	
6	Lime	468	
13	Shale	481	
3	Lime	484	
12	Shale	496	
4	Lime	500	
41	Shale	541	
18	Sandy Shale	559	
34	Shale	593	
12	Sand & Sandy shale	605	No Oil
3	Shale	608	
13	Sandy Shale	621	
12	Shale	633	
1	Lime	634	
9	Shale	643	
9	Sandy Shale	652	
1	Sand & Sandy shale	653	Broken - 10% w
1	Sand & Sandy shale	654	Broken - 25% w
4	Sand & Sandy shale	658	Slight show

658

Thickness of Strata	Formation	Total Depth	Remarks
9	Sandy Shale	666	No Oil
2	Sand & Sandy Shale	668	Slight Show
5	Sand	673	Broken - Good Saturation 75%
4	Sand	677	Mostly Solid - Good Saturation 95%
1	Sand & Shale	678	Broken - Good Saturation 50%
82	Shale	760	TD



CONSOLIDATED
Oil Well Services, LLC

269824

TICKET NUMBER 47472
LOCATION Ottawa
FOREMAN Alan Maden

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
7-22-14	9999	Green 7	NE 2	17	22	MI
CUSTOMER Honey Well			TRUCK #			
MAILING ADDRESS 120 Shoreline Dr			DRIVER			
CITY Louisburg			TRUCK #			
STATE KS			DRIVER			
ZIP CODE 66053			TRUCK #			
JOB TYPE <u>long string</u>			DRIVER			
CASING DEPTH <u>741</u>			TRUCK #			
SLURRY WEIGHT			DRIVER			
DISPLACEMENT <u>4.12</u>			TRUCK #			
REMARKS: <u>Held meeting. Established rate. Mixed & pumped 100# gel followed by 92 SK 50/50 cement plus 270 gel. Circulated cement, flushed pump. Pumped plus to casing baffle. Well held 800 PSI. Set float.</u>			TRUCK #			

TOS, Greg
Alan Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	1085.00
5406	25	MILEAGE	368	105.20
5402	741	casing footage	368	—
3407	min	ten miles	510	368.00
55020	2	80 gal	369	200.00
1124	92	50/50 cement	1058.00	✓
1118B	255	gel	5610	✓
		material sub	1114.10	✓
		less 30%	-334.23	✓
		material total		779.87
4402	1	2 1/2 plug		29.50
			2989.09	

SALES TAX 61.92 52.61
ESTIMATED TOTAL 2629.29
TOTAL 2619.98

AUTHORIZATION Jim Dick 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