

Miami County, KS
Well:Green 5W
Lease Owner:HoneyWell

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

Commenced Spudding:
7/25/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
0-17	Soil-Clay	17
38	Shale	55
18	Lime	73
38	Shale	111
4	Lime	115
29	Shale	144
12	Lime	156
13	Shale	169
26	Lime	195
8	Shale	203
20	Lime	223
6	Shale	229
3	Lime	232
4	Shale	236
7	Lime	243
6	Shale	246
7	Sand	253
20	Shale	273
26	Sandy Shale	299
56	Shale	355
7	Sand	362
27	Shale	389
11	Shale	400
30	Shale	430
9	Lime	439
7	Shale	446
7	Lime	453
10	Shale	463
8	Lime	471
15	Shale	486
3	Lime	489
9	Shale	498
5	Lime	503
39	Shale	542
1	Lime	543
3	Shale	546
3	Sand	549
10	Sandy Shale	559
12	Shale	581
1	Lime	582

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 x PSI x .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. 5W

Farm Green

KS
(State)

Miami
(County)

2
(Section)

17
(Township)

22
(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	
38	Shale	55	
18	Lime	73	
38	Shale	111	
4	Lime	115	
29	Shale	144	
12	Lime	156	
13	Shale	169	
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20	Lime	223	
6	Shale	229	
3	Lime	232	
4	Shale	236	
7	Lime	243	Merfha
6	Shale	246	
7	Sand	253	No Oil
20	Shale	273	
26	Sand & Sandy Shale	299	No Oil
56	Shale	355	
7	Sand	362	No Oil
27	Shale	389	
11	Shale & Lime	400	
30	Shale	430	
9	Lime	439	
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453

Thickness of Strata	Formation	Total Depth	Remarks
10	Shale	463	
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15	Shale	486	
3	Lime	489	
9	Shale	498	
5	Lime	503	
39	Shale	542	
1	Lime	543	
3	Shale	546	
3	Sand	549	No Oil
10	Sandy Shale	559	
12	Shale	581	
1	Lime	582	
15	Shale	597	
5	Sand	602	No Oil
9	Sandy Shale	611	
1	Shale	612	
2	Sand	614	No Oil
8	Sandy Shale	622	
26	Shale	648	
14	Sandy Shale	662	
2	Sandy Sandy Shale	664	Broken - 10%
9	Sandy Shale	673	No Oil
2	Sand	675	Broken - Good Saturation 25%
4	Sand	679	Solid - Good Saturation
3	Sand	682	Broken - Good Saturation 75%
3	Sand	685	Solid - Good Saturation
75	Shale-4	760	TD



CONSOLIDATED
Oil Well Services, LLC

269925

TICKET NUMBER 47515

LOCATION Ottawa KS

FOREMAN Fred Madu

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
7-28-14	9999	Green #5W	SE 1	22	17	MI

CUSTOMER: Honey Well
MAILING ADDRESS: 120 Shawline Dr
CITY: Louisburg STATE: KS ZIP CODE: 66053

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fred Madu		
495	Har Bee		
369	Milk Hae		
558	Bru Bir		

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 760 CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 747 DRILL PIPE Baffle in TUBING @ 7 7/8 OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 30' + Plug
DISPLACEMENT 4.15 BB DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Hold crew safety meeting. Establish pump rate. Mix Pump 100# Gel Flush. Mix Pump 50/50 Por Mix Cement 2% Gel. Cement to surface. Flush pump & lines clean. Displace 2 1/2" Rubber plug to Baffle in casing. Pressure to 800 # PSI. Release pressure to set float valve. Shut in casing.

TOS Drilling. Greg.

Fred Madu

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085 ⁰⁰ ✓
5406	30 mi	MILEAGE	495	126 ⁰⁰ ✓
5402	747	Casing footage		NIC ✓
5407	Minimum	Ten Miles	558	368 ⁰⁰ ✓
55020	2 hrs	80 BBL Vac Truck	369	200 ⁰⁰ ✓
1124	98 SKS	50/50 Por Mix Cement	1127 ⁰⁰	✓
118B	265 #	Premium Gel	58 ³⁰	✓
		Material	1185 ³⁰	
		less 30%	- 355 ⁹⁰	✓
		Total		829 ²¹
4402	1	2 1/2" Rubber Plug		27 ⁵⁰ ✓
			3086.73	
			7.65%	
		SALES TAX		65.74 ✓
		ESTIMATED TOTAL		2703.95 ✓

Ravin 3737

OK'd J. Green

AUTHORIZATION No Co. Rep. on Site

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.