Miami County, KS
Well:Green 5
Lease Owner:Honey Well

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

Commenced Spudding:
07/24/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
0-27	soil/clay	27
47	shale	74
18	lime	92
10	shale	102
2	lime	104
22	shale	126
6	lime	132
31	shale	163
9	lime	172
31	shale	175
1	lime	176
14	shale	189
24	lime	213
8	shale	221
22	lime	243
5	shale	248
3	lime	251
4	shale	255
7	lime	262
4	shale	266
4	sand	270
30	shale	300
7	sandy shale	307
14	sand	321
54	shale	375
4	sand	379
28	shale	407
9	shale and lime	416
11	shale	427
1	lime	428
19	shale	449
7	lime	456
10	shale	466
6	lime	472
10	shale	482
7	lime	489
15	shale	504
4	lime	508
9	shale	517
3	lime	520

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40	shale	560
23	sandy shale	58/3
31	shale	614
47	sand	618
33	sandy shale	651
19	shale	670
21	sandy shale	691
2	sand and sandy shale	693
6	sandy shale	699
41	shale	740-TD

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D^2x.14xh
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 - RPMxd over SPMxR
d - SPMxRxD over RPM
SPM - RPMXD over RxD
R - RPMXD over SPMxD

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

* Need these to figure belt length

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

746 WATTS equal 1 HP

Log Book

Well No. 5

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

Green Farm: Miami County

KS State; Well No. 5

Elevation 923

Commenced Spuding 07/24 2014

Finished Drilling __________ 20____

Driller's Name Greg Perry

Driller's Name __________

Driller's Name __________

Tool Dresser's Name Kenny Gunn

Tool Dresser's Name Dakota Olive

Tool Dresser's Name __________

Contractor's Name TOS

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

Distance from S line, 1485 ft.

Distance from E line, 1155 ft.

- 3 bag of coment
- 1 21' piece of 7"
- Plugged hole on

CASING AND TUBING RECORD

10" Set		10" Pulled	
8" Set		8" Pulled	
7" ~~6¼"~~ Set	21'	6¼" Pulled	
4" Set		4" Pulled	
2" Set		2" Pulled	

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.

Thickness of Strata	Formation	Total Depth	Remarks
0-27	Soil-Clay	27	
47	Shale	74	
18	Lime	92	
10	Shale	102	
2	Lime	104	
22	Shale	126	
6	Lime	132	
31	Shale	163	
9	Lime	172	
3	Shale	175	
1	Lime	176	
14	Shale	189	
24	Lime	213	Shells
8	Shale	221	Fine White sand at botton - water
22	Lime	243	
5	Shale	248	
3	Lime	251	
4	Shale	255	
7	Lime	262	Hertha
4	Shale	266	
4	Sand	270	No Oil
30	Shale	300	
7	Sandy Shale	307	
14	Sand	321	No Oil
54	Shale	375	
4	Sand	379	Odor - Small bleed
28	Shale	407	

407

Thickness of Strata	Formation	Total Depth	Remarks
9	Shale & Lime	416	
11	Shale	427	
1	Lime	428	
19	Shale	449	
7	Lime	456	
10	Shale	466	
6	Lime	472	
10	Shale	482	
7	Lime	489	
15	Shale	504	
4	Lime	508	
9	Shale	517	
3	Lime	520	
40	Shale	560	
23	Sandy Shale	583	
31	Shale	614	
4	Sand	618	
33	Sandy Shale	651	
19	Shale	670	
21	Sandy Shale	691	
2	Sand & Sandy Shale	693	Slight Show
6	Sandy Shale	699	
41	Shale	740	TD Plugged hole on