

Franklin County, KS  
Well: S.Harris 6  
Lease Owner: Triple T

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

Commenced Spudding:  
06/14/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
0-46	soil/clay	46
4	shale	50
4	lime	54
4	shale	58
17	lime	75
7	shale	82
14	lime	96
4	shale	100
22	lime	122
34	shale	156
22	lime	178
73	shale	251
23	lime	274
24	shale	298
7	lime	305
23	shale	328
4	lime	332
16	shale	398
1	lime	349
16	shale	365
8	lime	373
2	shale	375
14	lime	384
10	shale	394
23	lime	422
3	shale	425
4	lime	429
3	shale	432
5	lime	437
49	shale	486
8	sand	494
67	shale	561
6	sand	567
6	sand and sandy shale	573
46	shale	619
7	lime	626
9	shale	635
15	lime and shale	650
11	shale	661
3	lime	664



# 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. 6

Farm S. Harris

KS

(State)

Franklin

(County)

5

(Section)

16

(Township)

21

(Range)

For Trip T

(Well Owner)

## Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400



Thickness of Strata	Formation	Total Depth	Remarks
0-46	Soil - Clay	46	
4	Shale	50	
4	Lime	54	
4	Shale	58	
17	Lime	75	
7	Shale	82	
14	Lime	96	
4	Shale	100	
22	Lime	122	
34	Shale	156	Shells
22	Lime	178	
23	Shale	201	
23	Lime	224	
24	Shale	248	
7	Lime	255	
23	Shale	278	
4	Lime	282	
16	Shale	298	
1	Lime	299	
16	Shale	315	
8	Lime	323	
2	Shale	325	
14	Lime	339	
10	Shale	349	
23	Lime	372	
3	Shale	375	
4	Lime	379	

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Thickness of Strata	Formation	Total Depth	Remarks
3	Shale	432	
5	Lime	437	
49	Shale	486	Weather
5	Sand	494	No Oil
67	Shale	561	
6	Sand	567	Broken - Good Saturation
6	Sand & Sandy Shale	573	Broken - Poor Saturation
46	Shale	619	
7	Lime	626	
9	Shale	635	
15	Lime & Shale	650	
11	Shale	661	
3	Lime	664	
18	Shale	682	
5	Lime	687	
17	Shale	704	
3	Lime	707	
6	Shale	713	
4	Sand	717	Broken - Good Saturation
4	Sandy Shale	721	No Oil
2	Sand	723	Broken - Good Saturation
12	Sandy Shale	735	
65	Shale	800	TD

# Town Oilfield Service

P.O Box 339 Louisburg, Ks 66053  
913-837-8400

Ticket Number \_\_\_\_\_  
Location \_\_\_\_\_  
Foreman \_\_\_\_\_

## Field Ticket & Treatment Report Cement

Date	Customer#	Well Name & Number	Section	Township	Range	County
6-16-14	TIT	Harris # 6	5	14	21	FR
Customer		Mailing Address				
		City State Zip Code				

Job Type long string Hole Size 5 5/8 Hole Depth 820 Casing Size & Weight 2 7/8  
 Casing Depth 785 Drill Pipe \_\_\_\_\_ Tubing \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement 2.14 Displacement PSI 800 Mix PSI 200 Rate 4 BPM

Remarks Bigged up, established rate about casing. mixed & pumped 100% cement, circulate cement. flushed pump & pipe Pkg.

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		700
		Cement Truck		250
		Water Truck		150
	124	Cement	8.5	1054
		Gel		
		Plug		25
			Sales Tax	
Estimated Total				2179

Authorization [Signature] Title \_\_\_\_\_ Date 6-16-14

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.