

Franklin County, KS  
Well: S. Breckmeyer 61  
Lease Owner: Triple T

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

Commenced Spudding:  
07/22/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
30	soil/clay	30
6	shale	36
5	lime	41
2	shale	43
15	lime	58
7	shale	65
10	lime	75
4	sand	79
4	shale	83
14	sandy lime	97
23	shale	120
8	sand	128
16	sandy shale	144
20	lime	164
75	shale	239
21	lime	260
25	shale	285
7	lime	292
23	shale	215
1	lime	316
19	shale	335
1	lime	336
15	shale	351
23	lime	374
8	shale	382
23	lime	405
5	shale	410
4	lime	414
4	shale	418
5	lime	423
4	shale	427
6	sandy shale	433
17	shale	450
55	sandy shale and shale	505
40	shale	545
2	sand	547
2	sand	549
1	sand	550
2	sand	552
1	sand	553



# Short Cuts

## TANK CAPACITY

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

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 -  $RPM \times d$  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. 61

Farm South Beckmeyer

KS Franklin  
(State) (County)

20 15 21  
(Section) (Township) (Range)

For Temple T Oil  
(Well Owner)

## Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400



Thickness of Strata	Formation	Total Depth	Remarks
30	silt/clay	30	
6	shale	36	
5	Lime	41	
2	shale	43	
15	Lime	58	
7	shale	65	Dark
10	Lime	75	
4	sand	79	
4	shale	83	grey, no oil
14	sand+lime	97	
23	shale	120	
8	sand	128	grey, no oil
16	sandy shale	144	
20	Lime	164	
75	shale	239	
21	Lime	260	
25	shale	285	
7	Lime	292	
23	shale	315	(red bed 309-312')
1	Lime	316	
19	shale	335	
1	Lime	336	
15	shale	351	
23	Lime	374	
8	shale	382	
23	Lime	405	
5	shale	410	



Thickness of Strata	Formation	Total Depth	Remarks
		410	
4	Lime	414	
4	shale	418	
5	Lime	423	
4	shale	427	Harder
6	sandy shale	433	
17	shale	450	
55	sandy shale	505	
40	shale	545	
2	sand	547	no oil
2	sand	549	oil, 10% - 20% oil
1	sand	550	50% - 60%, good bleed
2	sand	552	15% - 20% oil
1	sand	553	20% - 50% oil
4	sandy shale	558	
41	shale	599	
6	Lime	605	
7	shale	612	
6	Lime + shale	618	
4	Lime	622	
2	shale + sand	624	
4	shale	628	
4	Lime + shale	632	
15	shale	647	
3	Lime	650	
10	shale	660	
9	Lime + shale	669	
2	Lime	671	

671

Thickness of Strata	Formation	Total Depth	Remarks
29	shale	700	
3	sandy shale	703	
1	Broken sand	704	odor, 26-54%
4	Broken sand	708	10%-20%
2	sand	710	30%-40% slight bleed
1	Broken sand	711	5%-10%
3	Broken sand	714	30%-40%
2	sand	716	50%-60% ok bleed
1	Broken sand	717	20%
4	sand	721	75%
1	Broken sand	722	20%
4	sandy shale	730	
27	shale	757	
8	sandy shale	765	
1	shale	766	
2	Broken sand	768	odor, 75% oil, ok bleed
1	Broken sand	769	10% oil
2	Broken sand	771	30% oil
1	Broken sand	772	50%-60% oil
1	Broken sand	773	20%-50%
2	sandy shale	779	
61	shale	840	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
7-23-14	TTT	Beckmeyer 6e1	32	15	21	FR
Customer		Mailing Address				
		City	State	Zip Code		

Job Type long string Hole Size 5 5/8 Hole Depth 840 Casing Size & Weight 2 7/8  
 Casing Depth 821.80 Drill Pipe \_\_\_\_\_ Tubing \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement 4.6 Displacement PSI 800 Mix PSI 200 Rate 4 BPM

Remarks \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		700
		Cement Truck		250
		Water Truck		150
	134	Cement	8.5	1139
		Gel		
		Plug		25
			Sales Tax	
Estimated Total				2264

Authorization [Signature] Title \_\_\_\_\_ Date 7-23-14

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.



# 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
7-23-14	TTT	Beckmeyer 661	32	15	21	FR
Customer		Mailing Address				
		City State Zip Code				

Job Type long string Hole Size 5 5/8 Hole Depth 840 Casing Size & Weight 2 7/8  
 Casing Depth 821.80 Drill Pipe \_\_\_\_\_ Tubing \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement 4.6 Displacement PSI 800 Mix PSI 200 Rate 4 BPM

Remarks \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		1700
		Cement Truck		250
		Water Truck		150
	134	Cement	8.5	1139
		Gel		
		Plug		25
			Sales Tax	
Estimated Total				2264

Authorization [Signature] Title \_\_\_\_\_ Date 7-23-14

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.