

Franklin County, KS
Well: W. Lidikay 57
Lease Owner: TDR

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

Commenced Spudding:
11-25-2013

WELL LOG

Thickness of Strata	Formation	Total Depth
0-31	soil/clay	31
4	lime	35
4	shale	39
16	lime	55
7	shale	62
11	lime	73
3	shale	76
21	lime	97
39	shale	136
19	lime	155
75	shale	230
22	lime	252
28	shale	280
8	lime	288
21	shale	309
2	lime	311
16	shale	327
2	lime	329
16	shale	345
7	lime	352
3	shale	355
12	lime	367
8	shale	675
23	lime	398
4	shale	402
5	lime	407
2	shale	409
6	lime	415
116	shale	531
6	sand	537
7	sandy shale	544
40	shale	584
7	lime	591
32	shale	623
6	lime	629
14	shale	643
3	lime	646
9	shale	655
3	lime	658
3	shale	661

Franklin County, KS
Well:W. Lidikay 57
Lease Owner:TDR

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

Commenced Spudding:
11-25-2013

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 $\times 34.2$

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. 57

Farm West Lidikay

KS

(State)

Franklin

(County)

4

(Section)

16

(Township)

21

(Range)

For TDR Construction
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

8 hrs

2" Set _____ 2" Pulled _____

Thickness of Strata	Formation	Total Depth	Remarks
0-31	soil-clay	31	
4	Lime	35	
4	shale	39	
14	Lime	53	
7	Shale	60	
11	Lime	71	
3	Shale	74	
21	Lime	95	
39	Shale	134	shells
19	Lime	153	
75	Shale	228	
22	Lime	250	
28	Shale	278	
8	Lime	286	
21	Shale	307	
2	Lime	309	
16	Shale	325	
2	Lime	327	
16	Shale	343	
7	Lime	350	
3	Shale	353	
12	Lime	365	
8	Shale	373	
23	Lime	396	
4	Shale	400	
5	Lime	405	
2	Shale	407	

409

Thickness of Strata	Formation	Total Depth	Remarks
6	Lime	415	H. H. H.
116	Shale	531	
6	Sand	537	
7	Sandy Shale	544	no oil
40	Shale	584	
7	Lime	591	
32	Shale	623	
6	Lime	629	
14	Shale	643	
3	Lime	646	
9	Shale	655	
3	Lime	658	
3	Shale	661	
5	Lime	666	
12	Shale	678	
1	Lime	679	
5	Shale	684	
1	Lime	685	
8	Shale	693	
3	Sand	696	broken - poor saturation
6	Sand	702	solid - poor saturation
2	Sand	704	broken - poor saturation
8	Sand	712	broken - good show
2	sandy shale	714	
52	Shale	766	
6	Sand	772	
28	Sandy shale	800	TD



FIELD TICKET & TREATMENT REPORT
CEMENT

FOREMAN Casey Kennedy

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/26/	7841	W. Lidakay # 57	NW 4	16	21	FR
CUSTOMER JDR Construction						
MAILING ADDRESS 1207 N 1st St						
CITY Louisburg	STATE KS	ZIP CODE 66053				
JOB TYPE long string	HOLE SIZE 5 5/8"	HOLE DEPTH 800'				
CASING DEPTH 789'	DRILL PIPE	TUBING bottle - 758'	CASING SIZE & WEIGHT 2 7/8" EUE			
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	OTHER			
DISPLACEMENT 4.39 bbls	DISPLACEMENT PSI	MIX PSI	CEMENT LEFT in CASING 31'			
REMARKS: held safety meeting additional			RATE 4.5 bbls			

REMARKS: held solidly, meeting, established circulation, mixed & pumped 200 # Premium
Gel followed by 10 bbls fresh water, mixed & pumped 124 sks 50/50 Pozmix
cement w/ 2% gel per sk, cement to surface, flushed pump clean, pumped 2 1/2"
rubber plug to baffle w/ 4.39 bbls fresh water, pressured to 800 PSI, released
pressure, shut in casing.

[illegible]

Ravin 3737

AUTHORIZATION No Co-Rep. on location

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.