

Franklin County, KS  
Well: McCoy 2  
Lease Owner: TDR

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

Commenced Spudding:  
05/16/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
0-49	soil-clay	49
22	shale	71
6	lime	77
2	shale	79
16	lime	95
7	shale	102
10	lime	112
2	shale	114
23	lime	137
38	shale	175
19	lime	194
76	shale	270
22	lime	292
23	shale	315
1	lime	316
1	shale	317
5	lime	322
62	shale	384
8	lime	392
3	shale	395
12	lime	47
12	shale	419
20	lime	439
3	shale	442
5	lime	447
4	shale	451
5	lime	436
28	shale	484
3	sand	487
10	sandy shale	497
9	shale	506
38	sand and sandy shale	544
41	shale	585
8	sand	593
60	shale	653
17	lime	670
14	shale	684
3	lime	687
15	shale	702
4	lime	706



# 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. 2

Farm McCoy

KS  
(State)

Franklin  
(County)

32  
(Section)

15  
(Township)

21  
(Range)

For TDR

(Well Owner)

## Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400



Thickness of Strata	Formation	Total Depth	Remarks
0-49	Soil-Clay	49	
22	Shale	71	
6	Lime	77	
2	Shale	79	
16	Lime	95	
7	Shale	102	
10	Lime	112	
2	Shale	114	
23	Lime	137	
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8	Lime	392	
3	Shale	395	
<del>12</del>	Lime	407	
12	Shale	419	
20	Lime	439	
3	Shale	442	
5	Lime	447	
4	Shale	451	
5	Lime	456	Hertina



# Town Oilfield Service

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

Ticket Number \_\_\_\_\_  
Location \_\_\_\_\_  
Foreman Lance Town

## Field Ticket & Treatment Report Cement

Date	Customer#	Well Name & Number	Section	Township	Range	County
5-19-14		Mc Coy # 2	32	15	21	Franklin
Customer <u>TDI Contract Inc.</u>			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 815 Drill Pipe \_\_\_\_\_ Tubing \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement 4.6 Displacement PSI 300 Mix PSI 100 Rate 4 BPM

Remarks Bigged up, Established Rate down casing, mixed & pumped  
120# gel followed by 100% cement circulated cement  
flushed pump & pumped plug.

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		700
		Cement Truck		250
		Water Truck		150
	130	Cement	8.5	1105
	2	Gel	15	30
	1	Plug	25	25
			Sales Tax	
Estimated Total				2260

Authorization [Signature] Title \_\_\_\_\_ Date 5-19-14

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.