

Franklin County, KS
Well:McCoy 6
Lease Owner:TDR

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

Commenced Spudding:
05/23/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
0-43	soil-clay	43
35	shale	78
5	lime	83
2	shale	85
17	lime	102
7	shale	109
10	lime	119
6	shale	125
17	lime	142
42	shale	184
19	lime	203
75	shale	278
22	lime	300
24	shale	324
8	lime	331
41	shale	372
2	lime	374
15	shale	389
8	lime	397
4	shale	401
12	lime	413
12	shale	425
20	lime	445
4	shale	449
3	lime	452
4	shale	456
6	lime	462
29	shale	491
5	sand	196
18	shale	514
39	sand	553
37	shale	590
9	sand	599
44	shale	643
8	lime	651
38	shale	689
3	lime	642
15	shale	707
1	lime	708
24	shale	732

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 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. 6

Farm McCoy

KS Franklin
 (State) (County)

32 15 21
 (Section) (Township) (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
0-43	Sail-Clay	43	
35	Shale	78	
5	Lime	83	
2	Shale	85	
17	Lime	102	
7	Shale	109	
10	Lime	119	
6	Shale	125	
17	Lime	142	
42	Shale	184	
19	Limp	203	
75	Shale	278	
22	Lime	300	
24	Shale	324	
8	Lime	331	
41	Shale	372	
2	Limp	374	
15	Shale	389	
8	Lime	397	
4	Shale	401	
12	Lime	413	
12	Shale	425	
20	Lime	445	
4	Shale	449	
3	Limp	452	
4	Shale	456	
6	Lime	462	
			Mertha

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
5-27-14		McCoy 6	32	15	21	Franklin
Customer TOR Const. Inc.		Mailing Address				
		City	State	Zip Code		

Job Type long string Hole Size 6 3/4 Hole Depth 840 Casing Size & Weight 4 1/2
Casing Depth 815 Drill Pipe _____ Tubing _____ Other _____
Displacement 12.38 Displacement PSI 400 Mix PSI 20 Rate 5 bpm

Remarks Bigged up. Established Rate down casing. Mixed & pumped
120# gel followed by 160 sac's of 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
	160	Cement	8.5	1360
	2	Gel	15	30
	1	Plug	45	45
			Sales Tax	
Estimated Total				2535

Authorization [Signature] Title _____ Date 5-27-14

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.