

Franklin County, KS
Well:McCoy 8
Lease Owner:TDR

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

Commenced Spudding:
07/28/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
40	soil/clay	40
28	shale	68
3	lime	74
0	shale	76
3	lime	92
58	shale	100
10	lime	110
4	sand	114
2	shale	116
18	lime	134
19	shale	153
14	sand	167
7	shale	174
20	sandy lime and lime	194
2	shale	196
6	sand	202
2	sandy shale	204
65	shale	269
21	lime	290
25	shale	315
7	lime	322
20	shale	342
1	lime	343
21	shale	364
1	lime	365
15	shale	380
22	lime	402
10	shale	412
23	lime	435
5	shale	440
3	lime	443
5	shale	448
6	lime	454
4	shale	458
121	sandy shale and shale	579
4	sand	583
2	sandy shale	585
47	shale	632
8	lime	6401
9	shale	649

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. 8

Farm McDoy

KS Franklin
(State) (County)

(Section) (Township) (Range)

For Triple T O.I
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Thickness of Strata	Formation	Total Depth	Remarks
40	soil/clay	40	
28	shale	68	
6	Lime	74	
2	shale	76	
16	Lime	92	
8	shale	100	
10	Lime	110	Dark
4	sand	114	
2	shale	116	grey, no oil
18	Lime	134	
19	shale	153	(red bed 141'-143')
14	sand	167	
7	shale	174	grey, no oil
20	sandy limestone	194	
2	shale	196	
6	sand	202	
2	sandy shale	204	grey, no oil
65	shale	269	
21	Lime	290	
25	shale	315	
7	Lime	322	
20	shale	342	
1	Lime	343	
21	shale	364	
1	Lime	365	
15	shale	380	
22	Lime	402	

Thickness of Strata	Formation	Total Depth	Remarks
10	shale	412	
23	Lime	435	
5	shale	440	
3	Lime	443	
5	shale	448	
6	Lime	454	
4	shale	458	Hardly
121	sandy shale + shales	579	
4	sand	583	
2	sandy shale	585	grey, hard
47	shale	632	
8	Lime	640	
9	shale	649	
2	Lime	651	
9	shale	660	
8	Limed shale	668	
11	shale	679	
3	Lime	682	
13	shale	695	
4	Limed shale	699	
2	Lime	701	
27	shale	728	
2	Broken sand	730	
1	Broken sand	731	
1	Broken sand	732	edon, 5% - 10% oil
2	Broken sand	734	40% - 50% local shales bleed
2	Broken sand	736	60% - 70% oil
			20% - 25% oil

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
7-29-14	TDR	McCoy #8	32	15	21	FA
Customer			Mailing Address			
			City	State	Zip Code	

Job Type Long Stings Hole Size 5 7/8 Hole Depth 820 Casing Size & Weight 2 7/8
 Casing Depth 790 Drill Pipe _____ Tubing _____ Other _____
 Displacement _____ Displacement PSI _____ Mix PSI _____ Rate _____

Remarks _____

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		700
		Cement Truck		250
		Water Truck		150
	138	Cement	8.5	1173
		Gel		
		Plug		25
			Sales Tax	
Estimated Total				2298

Authorization [Signature] 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.