

Franklin County, KS
Well: McCoy 13W
Lease Owner: TDR

Town Oilfield Service, Inc.
(913) 294-2125

Commenced Spudding:
5/14/2018

WELL LOG

Thickness of Strata	Formation	Total Depth
0-38	Soil-Clay	38
34	Shale	72
6	Lime	78
4	Shale	82
16	Lime	98
8	Shale	106
10	Lime	116
4	Shale	120
18	Lime	138
39	Shale	177
19	Lime	196
75	Shale	271
24	Lime	295
22	Shale	317
6	Lime	323
22	Shale	345
1	Lime	346
18	Shale	364
3	Lime	367
16	Shale	383
24	Lime	407
10	Shale	417
21	Lime	438
4	Shale	442
5	Lime	447
3	Shale	450
7	Lime	457
28	Shale	485
4	Sand	489
99	Shale	580
8	Sand	588
46	Shale	634
8	Lime	642
10	Shale	652
2	Lime	654
7	Shale	661
6	Lime	667
15	Shale	682
3	Lime	685
18	Shale	703

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. 13 W

Farm McCoy

KS Franklin
(State) (County)

32 15 21
(Section) (Township) (Range)

For TDR Construction
(Well Owner)

15-059-27187

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Thickness of Strata	Formation	Total Depth	Remarks
0-38	Soil-clay	38	
34	Shale	72	
6	Lime	78	
4	Shale	82	
16	Lime	98	
8	Shale	106	
10	Lime	116	
4	Shale	120	
18	Lime	138	shells
39	Shale	177	
19	Lime	196	
75	Shale	271	
24	Lime	295	
22	Shale	317	
6	Lime	323	
22	Shale	345	redbed
1	Lime	346	
18	Shale	364	
3	Lime	367	
16	Shale	383	
24	Lime	407	
10	Shale	417	
21	Lime	438	
4	Shale	442	
5	Lime	447	
3	Shale	450	
7	Lime	457	Heather

457

Thickness of Strata	Formation	Total Depth	Remarks
28	Shale	485	
4	Sand	489	grey - no Oil
99	Shale	580	
8	sand	588	odor - no show
46	Shale	634	
8	Lime	642	
10	Shale	652	
2	Lime	654	
7	Shale	661	
6	Lime	667	
15	Shale	682	
3	Lime	685	
18	Shale	703	
3	Lime	706	
25	Shale	731	
2	sandy shale	733	
1	Sand	734	broken Oil - good saturation
19	COPE	753	
1	broken sand	735	good Oil show
2	sandy Lime	737	no Oil
13	sand	750	mostly solid - good saturation
3	sand	753	broken - good Oil show
		753	TD

Town Oilfield Service

PO Box 339 Louisburg, KS 66053
913-294-2125

Ticket # _____
Location _____
Foreman _____

Field Ticket & Treatment Report Cement

Date	Customer#	Well Name & Number	Section	Township	Range	County
5-17-18		McCoy 13W	32	15	21	FR
Customer		Mailing Address				
City			State	Zip Code		

Job Type long string Hole Size 5-5/8 Hole Depth 734 Casing Size & Weight 2 7/8

Casing Depth 734 Drill Pipe _____ Tubing _____ Other _____

Displacement _____ Displacement PSI _____ Mix PSI _____ Rate _____

Remarks Open hole 734 to 753

Quantity or Units	Description of Service or Product	Unit Price	Total
	Pump Charge		700
	Cement Truck		250
	Water Truck		250
85 sac's	Cement	10	850
	Gel		
	Plug		
Estimated Total:			2050

Authorization [Signature] Title _____ Date 5-17-18