

Franklin County, KS
 Well: McCoy13WA
 Lease Owner: TDR Construction

TDR Construction, INC. Commenced Spudding:6/11/2019
 (913) 710-5400

WELL LOG

Thickness of Strata	Formation	Total Depth
0-40	soil-clay	40
30	shale	70
9	lime	79
4	shale	83
15	lime	98
8	shale	106
11	lime	117
3	shale	120
19	core	139
1	lime	140
5	shale	145
4	red bed	149
8	shale	157
22	sandy shale	179
17	lime	196
10	sandy shale	206 (205.5-206 sandy lime)
67	shale	273
23	lime	296
11	sandy shale	307
4	shale	311
8	green shale & lime	319
5	lime	324
22	shale	346 - some red bed
1	lime	347
20	shale	367
2	lime	369
15	shale	384
10	lime	394
1	shale	395
13	lime	408
8	shale	416
23	lime	439
4	shale	443
4	lime	447
4	shale	451
6	lime	457
4	shale	461
9	sandy shale & lime	470 - green
14	shale	484
5	sand	489

Short Cuts

TANK CAPACITY

BLS. (42 gal.) equals D²x.14xh

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 - RPMxd over SPMxR

d - SPMxRxD over RPM

SPM - RPMXD over RxD

R - RPMXD over SPMXD

BELT LENGTH - 2C + 1.57(D + d) + $\frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS: WATTS = AMPS VOLTS

746 WATTS equal 1 HP

Log Book

Well No. 13 WA

Farm Mcley

KS (State) Franklin (County)

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

For TDR construction (Well Owner)

15-059-27209

TDR CONSTRUCTION, INC

PO Box 339

Louisburg, KS 66053

913-710-5400

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394
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4	Shale	461	
9	Sandy shale & Lime	470	
14	Shale	484	Green
5	Sand	489	
81	Sandy shale	570	
12	Shale	582	
7	Sand	589	
37	Shale	626	
4	Sandy shale	630	
6	Shale	636	
7	Lime	643	
7	Shale	650	
4	Lime	654	
3	Coal	657	
5	Shale	662	
6	Lime	668	
14	Shale	682	
4	Lime	686	
18	Shale	704	

TDR Construction Company

PO Box 339
Louisburg, KS 66053

Ticket Number _____

Location _____

Foreman _____

Field Ticket & Treatment Report Cement

Date	Customer#	Well Name & Number	Section	Township	Range	County
8-14-19		McCoy 13WA	32	15	21	FR.
Customer			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 179 Drill Pipe _____ Tubing _____ Other _____
 Displacement _____ Displacement PSI _____ Mix PSI _____ Rate _____

Remarks Rig up, circulate well, pump CLASS A cement

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		
		Cement Truck		
		Water Truck		
<u>Class A</u>	<u>128</u>	Cement		
		Gel		
		Plug		
			Sales Tax	
			Estimated Total	

Authorization _____ 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.