

Form	ACO1 - Well Completion
Operator	TDR Construction, Inc.
Well Name	MCCOY 14W
Doc ID	1472661

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	9	6.25	10	20	Portland	3	50/50 POZ
Production	5.625	2.875	8	812	Portland	137	50/50 POZ

Franklin County, KS
Well:McCoy 14W
Lease Owner: TDR

TDR Construction, Inc.
(913) 710-5400

Commenced Spudding:
09/18/2019

WELL LOG

Thickness of Strata	Formation	Total Depth
0-37	soil-clay	37
41	shale	78
6	lime	84
2	shale	86
17	lime	103
7	shale	110
12	lime	122
3	shale	125
20	lime	145
38	shale	183
21	lime	204
73	shale	277
23	lime	300
25	shale	325
5	lime	330
60	shale	390
8	lime	398
2	shale	400
13	lime	413
12	shale	425
20	lime	445
4	shale	449
3	lime	452
5	shale	457
5	lime	462 hertha
178	shale	640
7	lime	647
22	shale	669
5	lime	674
12	shale	686
3	lime	689
15	shale	704
6	lime	710
19	shale	729
1	lime	730
1	shale	731
1	lime	732
4	shale	736
2	sand	738 no oil
4	sand	742 broken-not much oil
11	sand	753 broken-mostly solid-good saturation

Lease Owner: TDR

(913) 710-5400

09/18/2019

[illegible]

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 - RPMxd over SPMxR

d - SPMxRx D over RPM

SPM - RPMXD over Rx D

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: $\frac{\text{WATTS}}{\text{VOLTS}} = \text{AMPS}$

746 WATTS equal 1 HP

Log Book

Well No. ~~14W~~ 14W

Farm McLoy

KS Franklin
(State) (County)

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

For TDR construction
(Well Owner)

15-059-27224

TDR CONSTRUCTION, INC.

PO Box 339

Louisburg, KS 66053

913-710-5400

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67	sandy shale	820	TD

Field Ticket & Treatment Report
Cement

Date	Customer#	Well Name & Number	Section	Township	Range	County
9-19-19		McCoy 14W	32	15	21	FR
Customer		Mailing Address				
		City State Zip Code				

Job Type long string Hole Size 5 5/8 Hole Depth 820 Casing Size & Weight 2 7/8
Casing Depth 812 Drill Pipe _____ Tubing _____ Other _____
Displacement _____ Displacement PSI _____ Mix PSI _____ Rate _____

Remarks Rig-up, Circulate well, pump class A cement to
top & pump plug.

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		1000
		Cement Truck		500
		Water Truck		500
	137	Cement	16	2192
		Gel		
		Plug		45
			Sales Tax	
			Estimated Total	4237

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.