Franklin County, KS
Well: McCoy 12W
Lease Owner: TDR

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

Commenced Spudding:
5/17/2018

WELL LOG

Thickness of Strata	Formation	Total Depth
0-38	Soil-Clay	38
28	Shale	66
7	Lime	73
2	Shale	75
17	Lime	92
9	Shale	101
10	Lime	111
5	Shale	116
18	Lime	134
32	Shale	166
1	Lime	167
5	Shale	172
21	Lime	193
73	Shale	266
24	Lime	290
22	Shale	312
7	Lime	319
42	Shale	361
1	Lime	362
16	Shale	378
8	Lime	386
2	Shale	388
13	Lime	401
10	Shale	411
22	Lime	433
4	Shale	437
4	Lime	441
4	Shale	445
6	Lime	451
126	Shale	577
8	Sand	585
46	Shale	631
7	Lime	638
10	Shale	648
2	Lime	650
10	Shale	660
5	Lime	665
13	Shale	678
3	Lime	681
16	Shale	697

2	Lime	699
30	Shale	729
1	Sand	730
20	Core	750-TD

Core		
		730
2	Sand	732
2	Sandy Lime	734
9	Sand	743
3	Sand	746
4	Sandy Shale	750

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D^2x.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: $\frac{\text{WATTS}}{\text{VOLTS}} = \text{AMPS}$

746 WATTS equal 1 HP

Log Book

Well No. 12W

Farm McLoy

KS (State) Franklin (County)

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

For TDR construction (Well Owner)

15-059-27186

Town Oilfield Services, Inc.

1207 N. 1st East
Louisburg, KS 66053
913-710-5400

Mcloy Farm: Franklin County

KS State; Well No. 12W

Elevation 1028

Commenced Spuding 5-17 2018

Finished Drilling 5-23 2018

Driller's Name Wesley Dollard

Driller's Name Ryan Ward

Driller's Name

Tool Dresser's Name

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name TOS

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

Distance from S line, 3300 ft.

Distance from E line, 2050 ft.

4 sacks 730' 2 7/8 casing

1 core open ended

10 hrs

6 3/4 borehole

CASING AND TUBING RECORD

10" Set		10" Pulled	
8 5/8" Set	21	8" Pulled	
6¼" Set		6¼" Pulled	
4" Set		4" Pulled	
2" Set		2" Pulled	

0-730 6 3/4 borehole

730-750 5 1/2 openhole

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
730-	open ended				
				2 7/8	

Thickness of Strata	Formation	Total Depth	Remarks
0 – 38	Soil-Clay	38	
28	Shale	66	
7	Lime	73	
2	Shale	75	
17	Lime	92	
9	Shale	101	
10	Lime	111	
5	Shale	116	
18	Lime	134	shells
32	Shale	166	
1	Lime	167	
5	Shale	172	
21	Lime	193	
73	Shale	266	
24	Lime	290	
22	Shale	312	
7	Lime	319	
42	Shale	361	
1	Lime	362	
16	Shale	378	
8	Lime	386	
2	Shale	388	
13	Lime	401	
10	Shale	411	
22	Lime	433	
4	Shale	437	
4	Lime	441	

441

Thickness of Strata	Formation	Total Depth	Remarks
4	Shale	445	
6	Lime	451	Hertha
126	Shale	577	
8	sand	585	grey - no Oil
46	Shale	631	
7	Lime	638	
10	Shale	648	
2	Lime	650	
10	Shale	660	
5	Lime	665	
13	Shale	678	
3	Lime	681	
16	Shale	697	
2	Lime	699	
30	Shale	729	
1	sand	730	broken Oil
20	core	750	TD
		730	
2	sand	732	broken Oil
2	sandy Lime	734	no Oil
9	sand	743	mostly solid - good saturation
3	sand	746	broken Oil
4	sandy shale	750	no Oil

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
5-23-18		McCoy 12 W	32	15	21	FR

Customer	Mailing Address		
	City	State	Zip Code

Job Type long String Hole Size 5 7/8 Hole Depth 730 Casing Size & Weight 2 7/8

Casing Depth 730 Drill Pipe ____ Tubing ____ Other ____

Displacement ____ Displacement PSI ____ Mix PSI ____ Rate ____

Remarks Open Hole 730 to 750

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 ________ Title ________ Date 5-23-18