

Franklin County, KS
 Well: McCoy 5W
 Lease Owner: TDR

TDR Construction, INC.
 (913) 837-8400

Commenced Spudding:
 9/17/2019

WELL LOG

Thickness of Strata	Formation	Total Depth
0-56	soil-clay	56
24	shale	80
24	lime	104
7	shale	111
11	lime	122
5	shale	127
18	lime	145
40	shale	185
20	lime	205
76	shale	281
23	lime	304
23	shale	327
1	lime	328
1	shale	329
6	lime	335
41	shale	376
1	lime	377
15	shale	392
10	lime	402
2	shale	404
12	lime	416
8	shale	424
24	lime	448
4	shale	452
3	lime	455
5	shale	460
6	lime	466 hertha
125	shale	591
9	sand	600 no oil
49	shale	649
3	lime	652
9	shale	661
4	lime	665
3	shale	668
6	lime	674
14	shale	688
4	lime	692
9	shale	701
4	lime	705
3	shale	708

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. 5W

Farm McLoy

KS Franklin
(State) (County)

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

For TDR construction
(Well Owner)

TDR CONSTRUCTION, INC.

PO Box 339

Louisburg, KS 66053

913-710-5400

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2	Shale	404	
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3	Lime	455	
5	Shale	460	
6	Lime	466	H-174

466

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4	Lime	692	
9	Shale	701	
4	Lime	705	
3	Shale	708	
1	Lime	709	
1	Shale	710	
1	Lime	711	
22	Shale	733	
2	Lime	735	
8	Shale	743	
14	sand	757	
83	sandy shale	840	broken - good oil show TD

