

Anderson County, KS  
Well: Brock # 1  
Lease Owner: Rickerson

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

Commenced Spudding:  
10/25/17

WELL LOG

Thickness of Strata	Formation	Total Depth
0-1	Soil-Clay	1
12	Lime	13
183	Shale	196
29	Lime	225
10	Shale	235
7	Shale & Lime	242
2	Lime	244
45	Shale	289
10	Lime	299
6	Shale	305
37	Lime	342
9	Shale	351
26	Lime	377
4	Shale	381
18	Lime	399
5	Shale	404
2	Lime	406
29	Shale	435
5	Sandy Shale	440
90	Shale	530
9	Sandy Shale	539
27	Shale	566
3	Lime	569
5	Shale	574
3	Lime	577
5	Shale	582
9	Lime	591
6	Shale	597
3	Sandy Shale	600
16	Sand	616
7	Shale	623
3	Sand	626
18	Shale	644
10	Lime	654
13	Shale	667
3	Lime	670
24	Shale	694
5	Lime	699
22	Shale	721
1	Lime	722



# 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  $BPH \times PSI \times .0004$

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  $SPM \times d$

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

\* Need these to figure belt length

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

746 WATTS equal 1 HP

# Log Book

Well No. 1

Farm Brock

KS Anderson  
 (State) (County)

25 20 20  
 (Section) (Township) (Range)

For Russ Rickerson  
 (Well Owner)

15-003-26614

## Town Oilfield Services, Inc.

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



Thickness of Strata	Formation	Total Depth	Remarks
0-1	soil-clay	1	
12	Lime	13	
183	Shale	196	
29	Lime	225	
10	Shale	235	
7	shale & Lime	242	
2	Lime	244	
45	Shale	289	
10	Lime	299	
6	Shale	305	
37	Lime	342	
9	Shale	351	
26	Lime	377	
4	Shale	381	
18	Lime	399	Heathy
5	Shale	404	
2	Lime	406	
29	Shale	435	
5	sandy shale	440	
90	Shale	530	
9	Sandy shale	539	
27	Shale	566	
3	Lime	569	
5	Shale	574	
3	Lime	577	
5	Shale	582	
9	Lime	591	

591

Thickness of Strata	Formation	Total Depth	Remarks
6	Shale	597	
3	sandy shale	600	
16	sand	616	gas odor - slight Oil Show
7	Shale	623	
3	sand	626	gray - no show
18	Shale	644	
10	Lime	654	
13	Shale	667	
3	Lime	670	
24	Shale	694	
5	Lime	699	
22	Shale	721	
1	Lime	722	
3	Shale	725	
2	Lime	727	
9	Shale	736	
5	Lime	741	
9	Shale	750	
6	sandy shale	756	
42	Shale	798	
4	sand	802	broken - good Oil Show
8	Shale	810	
6	sandy shale	816	
314	Shale	1130	T.D. - Mississippi Lime

