

Miami County, KS

Town Oilfield Service, Inc.

Commenced Spudding:

Well: Kern #16

(913) 837-8400

3-30-2015

Lease Owner: Triple T Oil

WELL LOG

Thickness of Strata	Formation	Total Depth
0 - 3	Soil - Clay	3
11	Lime	14
15	Shale	29
5	Sand	34
21	Lime	55
70	Shale	125
18	Lime	143
11	Shale	154
10	Lime	164
35	Shale	199
4	Lime	203
38	Shale	241
9	Lime	250
16	Shale	266
26	Lime	292
7	Shale	299
21	Lime	320
4	Shale	324
2	Lime	326
3	Shale	329
11	Lime	340
198	Shale	538
7	Lime	545
6	Shale	551
5	Lime	556
4	Shale	560
8	Sand	568
9	Shale	577
5	Lime	582
8	Shale	590
5	Lime	595
9	Shale	604
6	Lime	610
8	Shale	618
1	Lime	619
6	Shale	625
3	Lime	628
55	Shale	683
1	Sandy Shale	684
1	Broken Sand	685

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 $SPM \times d$

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. 16

Farm Kern

KS

(State)

Miami

(County)

18

(Section)

16

(Township)

24

(Range)

For Triple Tool
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Thickness of Strata	Formation	Total Depth	Remarks
0-3	soil-clay	3	
11	Lime	14	
15	Shale	29	redbed
5	sand	34	no oil
21	Lime	55	
70	shale	125	
18	Lime	143	
11	shale	154	
10	Lime	164	
35	shale	199	some sand - no oil
4	Lime	203	
38	shale	241	
9	Lime	250	
16	shale	266	
26	Lime	292	
7	shale	299	
21	Lime	320	
4	shale	324	
2	Lime	326	
3	shale	329	
11	Lime	340	Hertha
198	shale	538	
7	Lime	545	
6	shale	551	
5	Lime	556	
4	shale	560	
8	sand	568	odor - slight show

Town Oilfield Service

P.O Box 339 Louisburg, Ks 66053
913-837-8400

Ticket Number _____
Location _____
Foreman _____

Field Ticket & Treatment Report Cement

Date	Customer#	Well Name & Number	Section	Township	Range	County
4-1-15		Kern 16	18	16	24	MI
Customer Triple T			Mailing Address			
			City	State	Zip Code	

Job Type long string Hole Size 5 5/8" Hole Depth 780 Casing Size & Weight 2 7/8
 Casing Depth 755 Drill Pipe _____ Tubing _____ Other _____
 Displacement 4.6 Displacement PSI 500 Mix PSI 350 Rate 4 BPM

Remarks _____

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		700
		Cement Truck		250
		Water Truck		150
	135	Cement	8	1080
		Gel		
		Plug		25
			Sales Tax	
			Estimated Total	2205

Authorization [Signature] 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.