

Miami County, KS
 Well: Kern #I-1
 Lease Owner: Triple T Oil

Town Oilfield Service, Inc.
 (913) 837-8400

Commenced Spudding:
 3-31-2015

WELL LOG

Thickness of Strata	Formation	Total Depth
0 - 6	Soil - Clay	6
12		18
69		87
21		108
10		118
10		128
33		161
4		165
41		206
10		216
15		231
25		256
8		264
21		285
4		289
3		292
2		294
11		305
9	Shale	314
9	Sand	323
115	Shale	438
6	Sand	444
56	Shale	500
3	Lime	503
2	Shale	505
7	Lime	512
5	Shale	517
7	Lime	524
7	Sandy Shale	531
12	Shale	543
4	Lime	547
9	Shale	556
2	Lime	558
11	Shale	569
5	Lime	574
72	Shale	646
6	Sand	652
2	Sand & Sandy Shale	654
1	Sand	655
5	Sand & Sandy Shale	660

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. I-1

Farm Kern

KS Miami
(State) (County)

18 16 24
(Section) (Township) (Range)

For Triple T Oil
(Well Owner)

Town Oilfield Services, Inc.

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

Kern Farm: Miami County

KS State; Well No. I-1

Elevation 1038

Commenced Spuding 3-31 20 15

Finished Drilling 4-1 20 15

Driller's Name Wesley Dollard

Driller's Name

Driller's Name

Tool Dresser's Name Ryan Ward

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name TOS

18 19 24

(Section) (Township) (Range)

Distance from S line, 345 ft.

Distance from E line, 2300 ft.

3 sacks
8 hrs
5 5/8 borehole
2 7/8 casing

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____
8" Set _____ 8" Pulled _____
7 7/8" Set 20 6 3/4" Pulled _____
4" Set _____ 4" Pulled _____
2" Set _____ 2" Pulled _____

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
694.	15	Baffle			
725.	85	Float			
740	TD				2 7/8

Thickness of Strata	Formation	Total Depth	Remarks
0-6	soil-clay	6	
12	Lime	18	
69	Shale	87	
21	Lime	108	
10	Shale	118	
10	Lime	128	
33	Shale	161	Some sand - no Oil
4	Lime	165	
41	Shale	206	
10	Lime	216	
15	Shale	231	
25	Lime	256	
8	Shale	264	
21	Lime	285	
4	Shale	289	
3	Lime	292	
2	Shale	294	
11	Lime	305	Hertha
9	Shale	314	
9	sand	323	slight show
115	Shale	438	
6	sand	444	grey - no Oil
56	Shale	500	
3	Lime	503	
2	Shale	505	
7	Lime	512	
5	Shale	517	

517

Thickness of Strata	Formation	Total Depth	Remarks
7	Lime	524	
7	sandy shale	531	odor
12	shale	543	
4	Lime	547	
9	shale	556	
2	Lime	558	
11	shale	569	
5	Lime	574	
72	shale	646	
6	sand	652	solid - good saturation
2	sand & sandy shale	654	broken Oil - not much
1	sand	655	solid - good saturation
5	sand & sandy shale	660	10% Oil
80	sandy shale	740	TD

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 I-1	18	16	24	MT
Customer Triple T		Mailing Address				
		City	State	Zip Code		

Job Type long string Hole Size 5 5/8 Hole Depth 740 Casing Size & Weight 2 7/8
 Casing Depth 725 Drill Pipe _____ Tubing _____ Other _____
 Displacement 4.6 Displacement PSI 500 Mix PSI 250 Rate 6 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.