

Mimai County, KS
Well: Ed Flake I-1
Lease Owner: Triple T

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

Commenced Spudding:
11/2/2015

WELL LOG

Thickness of Strata	Formation	Total Depth
0-18	Soil-Clay	18
17	Shale	35
8	Lime	43
12	Shale	55
31	Lime	86
8	Shale	94
20	Lime	114
4	Shale	118
3	Lime	121
5	Shale	126
5	Lime	131
21	Shale	152
24	Sand	176
32	Sandy Shale	208
83	Shale	291
10	Sand	301
40	Shale	341
5	Lime	346
7	Shale	353
3	Lime	356
9	Shale	365
7	Lime	372
5	Shale	377
11	Shale	388
5	Lime	393
11	Shale	404
20	Lime	424
10	Shale	434
3	Lime	437
9	Shale	446
4	Lime	450
47	Shale	497
3	Sandy Shale	500
8	Sand	508
8	Sandy Shale	516
36	Shale	552
1	Lime	553
27	Shale	580-TD

APITH - 15-121-31164

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. I-1

Farm Ed Flake

KS Miami
(State) (County)

9 18 24
(Section) (Township) (Range)

For Triple T Oil
(Well Owner)

Town Oilfield Services, Inc.

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

Thickness of Strata	Formation	Total Depth	Remarks
0-16	Soil-clay	16	
17	Shale	35	
8	Lime	43	
12	Shale	55	
31	Lime	86	
8	Shale	94	
20	Lime	114	
4	Shale	118	
3	Lime	121	
5	Shale	126	
5	Lime	131	Hertza
21	Shale	152	
24	Sand	176	odor
32	sandy shale	208	
83	Shale	291	
10	Sand	301	shale seams - no oil
40	Shale	341	
5	Lime	346	
7	Shale	353	
3	Lime	356	
9	Shale	365	
7	Lime	372	
5	Shale	377	sandy
11	Shale	388	
5	Lime	393	
11	Shale	404	
20	Lime	424	

[illegible]



PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT CEMENT

TICKET NUMBER 49892

LOCATION Ottawa K.S.

FOREMAN Fred Mader

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-4-15	7966	Ed Flake # I-1	SW 9	18	24	MI
CUSTOMER						
Triple T Oil						
MAILING ADDRESS						
P.O. Box 339						
CITY		STATE	ZIP CODE			
Louisburg		KS	66053			

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Frc Mad		
495	Har Bee		
675	Ki Dext		
548			

JOB TYPE <u>Long String</u>	HOLE SIZE <u>5 7/8</u>	HOLE DEPTH <u>570</u>	CASING SIZE & WEIGHT <u>2 7/8 EUE</u>
CASING DEPTH <u>570</u>	DRILL PIPE <u>Bottle</u>	INTUBING @ <u>540'</u>	OTHER _____
SLURRY WEIGHT _____	SLURRY VOL _____	WATER gal/sk _____	CEMENT LEFT In CASING _____
DISPLACEMENT <u>3.14</u>	DISPLACEMENT PSI _____	MIX PSI _____	RATE <u>43pm</u>

REMARKS: Hold Safety meeting. Establish circulation. Mix Pump 100# Gel
Flush. Mix Pump 5P sls Port Blend 1A Cement 2% Gel. Cement
to surface. Flush pump + line clean. Displace 2 1/2" Rubber
plug to Baffle in casing. Pressure to 80# PSI. Monitor
pressure for 30 minutes MIT. Release pressure to set float
valve. Shut in casing.

TOS Drilling - (wes)

Lucy Mader

[illegible]

Revin 3737

AUTHORIZTION

TITLE

DATE _____

**ESTIMATED
TOTAL**

5043

1779 40

3295.1

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.