

<h1>JOB SUMMARY</h1>			PROJECT NUMBER <b>SOK 4285</b>	TICKET DATE <b>10/03/14</b>
COUNTY <b>Harper</b>	State <b>Kansas</b>	COMPANY <b>Tapstone Energy</b>	CUSTOMER REP <b>0</b>	
LEASE NAME <b>Leann 21-34-9</b>	Well No. <b>1H</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>Joseph Klemm</b>	

EMP NAME	0				
Joseph Klemm					
Cody Bonitz					
David Settlemier					
0.00					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At **0**  
 Bottom Hole Temp. **155** Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth **5077'**

	Called Out	On Location	Job Started	Job Completed
Date	<b>10/3/2014</b>	<b>10/3/2014</b>	<b>10/3/2014</b>	<b>10/3/2014</b>
Time	<b>0230</b>	<b>0500</b>	<b>0545</b>	<b>1030</b>

Tools and Accessories

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Va	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		<b>26#</b>	<b>7"</b>		Surface	5077'	5,000
Liner							
Liner							
Tubing			<b>0</b>				
Drill Pipe							
Open Hole				<b>8 1/2"</b>	Surface	5077'	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

	WBM	Density	9	Lb/Gal
Mud Type	Fresh Water	Density	<b>8.33</b>	Lb/Gal
Spacer type	Gel	BBL.	<b>30</b>	<b>8.40</b>
Spacer type	BBL.			
Acid Type	Gal.		%	
Acid Type	Gal.		%	
Surfactant	Gal.		In	
NE Agent	Gal.		In	
Fluid Loss	Gal/Lb		In	
Gelling Agent	Gal/Lb		In	
Fric. Red.	Gal/Lb		In	
MISC.	Gal/Lb		In	

Hours On Location

Date	Hours	Date	Hours	Description of Job
<b>10/3</b>	<b>5.5</b>	<b>10/3</b>	<b>5.2</b>	Intermediate
Total	<b>5.5</b>	Total	<b>5.2</b>	

Perfpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_  
 Other \_\_\_\_\_

Pressures

**MAX 5,000 PSI**      **AVG. 450**

Average Rates in BPM

**MAX 7 BPM**      **AVG 5**

Cement Left in Pipe

**Feet 84**      **Reason SHOE JOINT**

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
<b>1</b>	<b>140</b>	<b>50/50 POZ PREMIUM</b>	<b>4% Gel - 0.2% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.1% C-37 - 0.2% X-Air</b>	<b>6.93</b>	<b>1.43</b>	<b>13.60</b>
<b>2</b>	<b>90</b>	<b>Premium</b>	<b>0.2% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.2 X-Air</b>	<b>5.19</b>	<b>1.19</b>	<b>15.60</b>
<b>3</b>	<b>0</b>	<b>0</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Summary

Preflush	_____	Type: _____	Preflush: BBI	<b>30.00</b>	Type: <b>Gel Spacer</b>
Breakdown	_____	MAXIMUM _____	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal <b>N/A</b>
	_____	Lost Returns-l _____	Excess /Return BBI	N/A	Calc.Disp Bbl <b>191</b>
	_____	Actual TOC _____	Calc. TOC: _____	<b>3,159</b>	Actual Disp. <b>191.30</b>
Average	_____	Bump Plug PSI: _____	Final Circ. PSI: _____	<b>620</b>	Disp:Bbl <b>191.30</b>
ISIP	<b>5 Min.</b>	<b>10 Min</b>	Cement Slurry BBI	<b>54.7</b>	
		<b>15 Min</b>	Total Volume BBI	<b>276.00</b>	

CUSTOMER REPRESENTATIVE \_\_\_\_\_  
*D.J.C. Miller*  
SIGNATURE



# Job Data Sheet



COMPANY <b>Tapstone Energy</b>		PROJECT NUMBER <b>SOK 4285</b>	AFE/WORK ORDER <b>DC14020</b>	DATE <b>10/3/2014</b>						
CONTRACTOR <b>Unit #303</b>		Owner <b>Same</b>	LEGAL DESCRIPTION <b>28/34S/9W</b>	API <b>15-077-22093-01-00</b>						
LEASE & WELL # <b>Leann 21-34-9 1H</b>		COUNTY <b>Harper</b>	STATE <b>Kansas</b>	MILEAGE <b>100</b>						
DIRECTIONS <b>HWY 58 &amp; STATE LINE - 4.5 MILES NORTH (NE CORNER)</b>										
Pumping Services	<input type="checkbox"/> Surface		<input checked="" type="checkbox"/> Intermediate	<input type="checkbox"/> Long String	<input type="checkbox"/> Plug Back					
	<input type="checkbox"/> Squeeze		<input type="checkbox"/> Acid	<input type="checkbox"/> PTA	<input type="checkbox"/> Other					
						( ) H2S				
	Casing Size <b>7"</b>	Casing Weight <b>26#</b>	Thread <b>LTC</b>	Tbng/DP Size	Thread	Plug. Cont. <b>YES</b>	Swage <b>YES</b>	Top Plug <b>YES</b>	Bottom Plug <b>NO</b>	% Excess <b>40%</b>
	Number and Type Units <b>Pump Truck &amp; Bulk Materials</b>		Casing Depth <b>5077'</b>		Hole Depth <b>5077'</b>		Hole Size <b>8 3/4"</b>			
Remarks <b>TAKE 7" TOP &amp; BOTTOM PLUG</b>		Est. BHST <b>155</b>	KOP	Depth-TVD	Mud Weight/Type <b>9.2ppg WBM</b>					
Materials	<b>LEAD</b>	# of Sacks <b>140</b>	Type <b>50/50 POZ PREMIUM</b>	Additives <b>4% Gel - 0.2% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.1% C-37 - 0.2% X-Air</b>						
	<b>H2O TO MIX</b>	Weight PPG <b>13.60</b>	Yield Ft3/Sk <b>1.43</b>	Water Gal/Sk <b>6.93</b>						
	<b>TAIL</b>	# of Sacks <b>90</b>	Type <b>Premium</b>	Additives <b>0.2% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.2 X-Air</b>						
	<b>H2O TO MIX</b>	Weight PPG <b>15.60</b>	Yield Ft3/Sk <b>1.19</b>	Water Gal/Sk <b>5.19</b>						
		# of Sacks	Type	Additives						
		Weight PPG	Yield Ft3/Sk	Water Gal/Sk						
		ACID	Type	Additives						
		Inhibitor	Surfactant	clay cont.						
	Spacer or Flush	Quantity <b>30 bbls</b>	Type <b>Gel Spacer</b>	Additives <b>900#s Bentonite Gel</b>						
	Displace	Quantity	Type	Additives						
Other	Quantity	Type	Additives							
Crew Called	<b>Cementer</b>	<b>Pumper</b>	<b>Bulky</b>	<b>Bulky</b>	<b>Bulky</b>					
	Joseph Klemm	Cody Bonitz	David Settlemier							
CEOL	<b>7" 8RD SWAGE, SW, DW, BALE RACK</b>									
Sales Items	Casing Size <b>7"</b>	Casing Weight <b>26#</b>	Thread <b>LTC</b>							
	Guide Shoe	Float Shoe	Float Collar	Insert Float Valve						
	Centralizers - Number	Size		Type						
	Wall Cleaners - Number	Type		MSC (DV Tool)			MSC Plug Set			
	Limit Clamps	Thread lock		Other						
	Remarks	<b>TAKE 7" TOP &amp; BOTTOM PLUG</b>								
Customer Rep. <b>0</b>	Cell Phone <b>0</b>	Office Phone	Fax	Time of Call						
Call Taken By <b>Jared Sisco</b>				Date Ready <b>10/3/14</b>	Location Time <b>500 AM</b>					
Crew Called <b>Joseph Klemm</b>				Yard Time <b>10/3/14 230 AM</b>						

SERVICE COMPANY: O-Tex  
 TICKET NO: DC14020  
 CUSTOMER NAME: Tapstone  
 WELL NAME: Leann 21349 1H  
 WELL LOCATION: Harper Co.

DATE RECORDED: 10/03/2014  
 JOB NO: SOK 4285  
 UNIT DESCRIPTION: Unit #303  
 UNIT NOTES: 7" Intermediate  
 FILE NAME: Tapstone\_Leann 21349 1H\_14\_10\_03\_#1.csv



Pen 1: Density 2 (Density : lb/gal)

Pen 2: Pressure 1 (Density : lb/gal)

Pen 3: Pressure 2 (Pressure : psi)

Pen 4: Calc: SlurryRate (Pressure : psi)

Pen 1 Pen 2 Pen 3 Pen 4  
 25.00 6000.00 6000.00 18.00

22.50 5400.00 5400.00 16.20

20.00 4800.00 4800.00 14.40

17.50 4200.00 4200.00 12.60

15.00 3600.00 3600.00 10.80

12.50 3000.00 3000.00 9.00

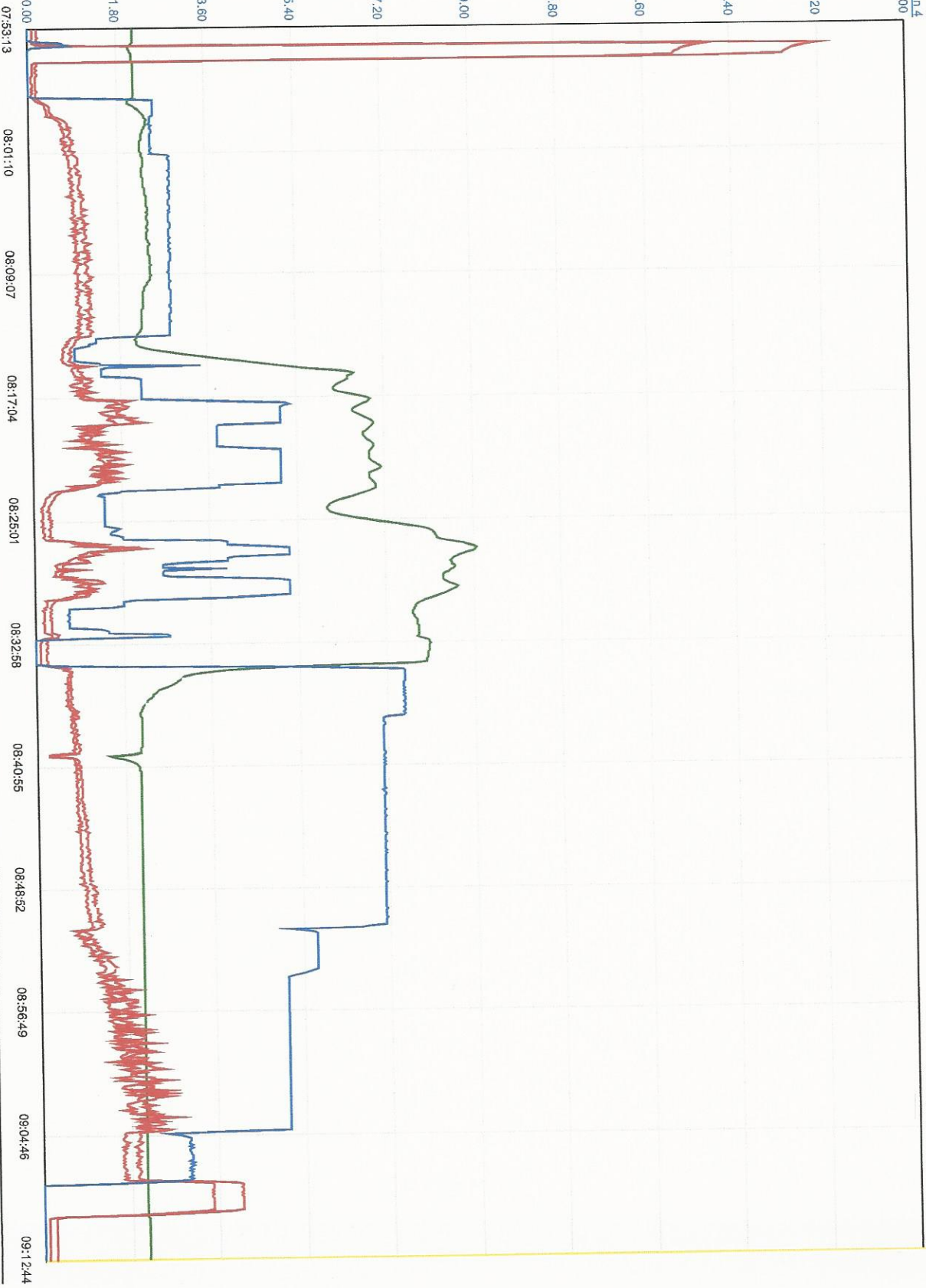
10.00 2400.00 2400.00 7.20

7.50 1800.00 1800.00 5.40

5.00 1200.00 1200.00 3.60

2.50 600.00 600.00 1.80

0.00 0.00 0.00 0.00



09:12:44 PC Data Recording Stopped