

JOB SUMMARY			PROJECT NUMBER SOK 5577	TICKET DATE 02/01/16
COUNTY Harper	State Kansas	COMPANY Tapstone Energy	CUSTOMER REP 0	
LEASE NAME Leech 16-34-9	Well No. 1H	JOB TYPE Intermediate	EMPLOYEE NAME Brett Armer	

EMP NAME	Brett Armer	0				
	Jared Green					
	Bryan Douglas					
	0.00					

Form. Name _____ Type: _____

Packer Type _____ Set At **3,740'**

Bottom Hole Temp. **155** Pressure _____

Retainer Depth _____ Total Depth **5135**

	Called Out	On Location	Job Started	Job Completed
Date	1/31/2016	1/31/2016	2/1/2016	2/1/2016
Time	1900	2300	0402	0507

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	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	26#	7"		Surface		5,000	
Liner							
Liner							
Tubing		0					
Drill Pipe							
Open Hole			8 3/4"	Surface	5,135	Shots/Ft.	
Perforations							
Perforations							
Perforations							

Materials			
	WBM	Density	Lb/Gal
Mud Type	Fresh Water	8.33	
Disp. Fluid	resh Water	8.33	
Spacer type	BBL.	20	8.33
Spacer type	Caustic	10	8.40
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		Operating Hours		Description of Job
Date	Hours	Date	Hours	
1/31	1.0	2/1	1.0	Intermediate
2/1	6.5			
Total	7.5	Total	1.0	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX 5,000 PSI	AVG. 550
Average Rates in BPM	
MAX 7 BPM	AVG 6
Cement Left in Pipe	
Feet 82	Reason SHOE JOINT

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	140	50/50 POZ PREMIUM	4% Gel - 0.4% FL-17	6.93	1.43	13.60
2	90	Premium	0.4% FL-17	5.19	1.19	15.60
3	0	0		0.00	0.00	0.00

Summary					
Preflush Breakdown	10	Type: Caustic	Preflush:	BBI 20.00	Type: Mud Wash
		MAXIMUM 5,000 PSI	Load & Bkdn:	Gal - BBI N/A	Pad:Bbl -Gal N/A
		Lost Returns-N NO/FULL	Excess /Return	BBI N/A	Calc. Disp Bbl 195
		Actual TOC _____	Calc. TOC:	3,740	Actual Disp. 195.00
Average		Bump Plug PSI: _____	Final Circ. PSI:	800	Disp:Bbl 195.00
ISIP 5 Min.		10 Min.	Cement Slurry: BBI	55.0	
		15 Min.	Total Volume	BBI 270.00	

CUSTOMER REPRESENTATIVE *Randy L. [Signature]* SIGNATURE _____

JOB LOG

PROJECT NUMBER SOK 5577	TICKET DATE 02/01/16
STATE Kansas	COUNTY Harper
CUSTOMER REP	
TICKET AMOUNT 6,728.52	WELL TYPE Oil & Gas

COMPANY Tapstone Energy	COUNTRY USA
LEASE NAME Leech 16-34-9 1H	EMPLOYEE NAME Brett Armer
Well No. 16-34S-9W	SEC / TWP / RNG 16-34S-9W
API/UWI # 15-077-22164-01-00	JOB PURPOSE Intermediate

	Time	Rate (BPM)	Volume (BBL)(GAL)	Press.(PSI)		Job Description / Remarks
				CSG.	Tbg	
						TIME ARRIVED IN YARD
						Fit for duty meeting
						Headed to location from yard!
1-31-16	2300					Arrive On Location
2-1-16	0130					Rig Up
	0330					Safety Meeting
	0402			5000		Test Lines
	0403	3.0	20.0	200		Release Bottom Plug, Pump 20bbl Mud Flush
	0411	5.0	35.0	500		Mix And Pump 140sx Lead Cmt 35bbl@13.6ppg
	0421	5.0	20.0	500		Mix And Pump 90sx Tail Cmt. 20bbl@15.6ppg
	0430					Shut down Drop Plug
	0432	7.0	195.0	800		H2O displacement
	0507			1300		Bump plug
	0508			Held		Check floats
	0530					Rig down
	0630					Leave location
						SUPERVISOR SIGNITURE
Bumped Plug	Final lift Psi	Floats Held	PSI ON CSG	CEMENT SURFACE		X _____
YES	800	YES	1300.0	no		

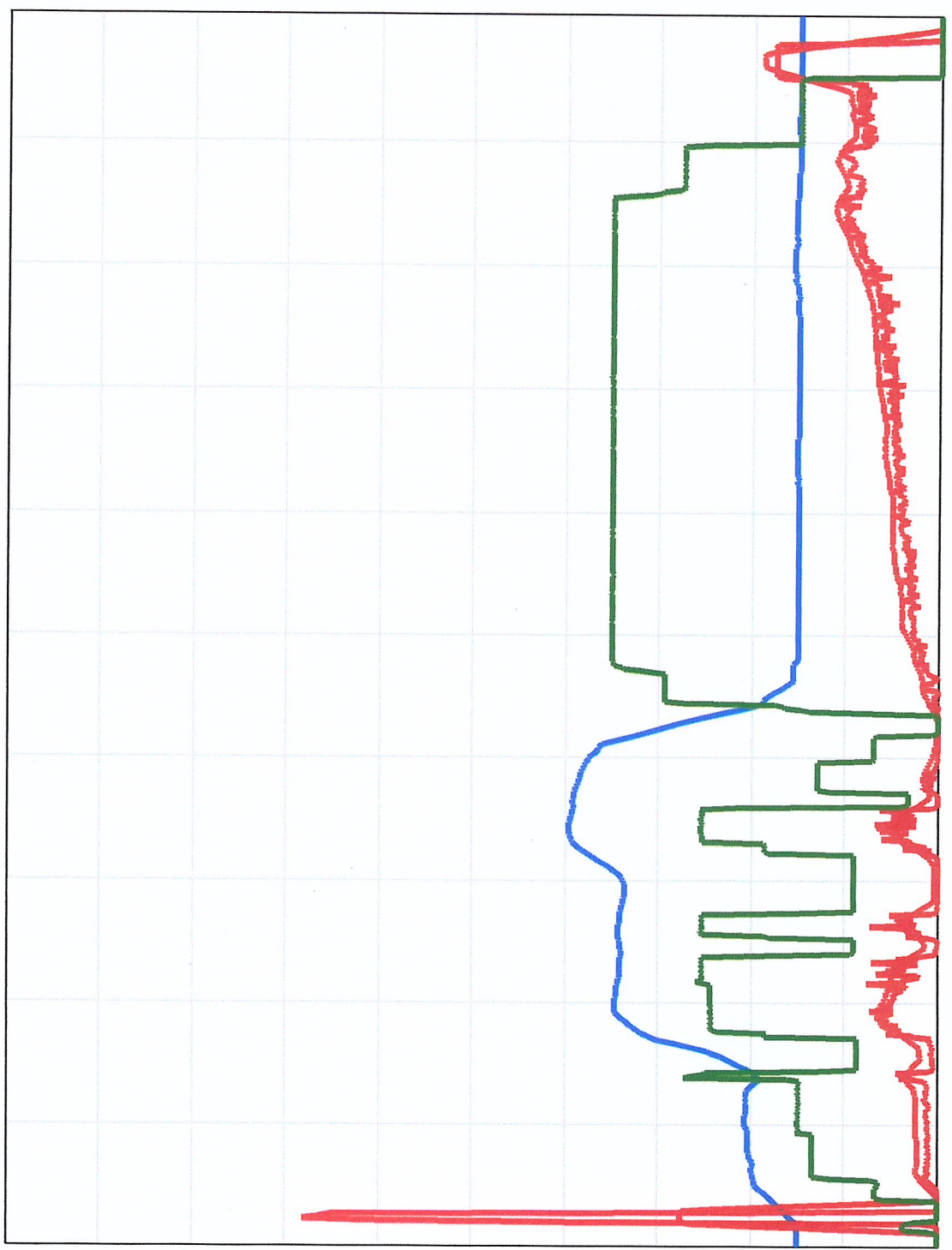


SERVICE COMPANY: O-TEX
 TICKET NO: Sok 5577
 CUSTOMER NAME: Tapstone
 WELL NAME: Leech 16349 1H
 WELL LOCATION: Harper Co KS
 DATE RECORDED: 02/01/2016
 JOB NO: Nomatic 7
 UNIT DESCRIPTION: UnitDescription
 UNIT NOTES: Tapstone_Leech 16349 1H_02_01_#1.csv
 FILE NAME:

Pen 1: Density 1 (Density : lb/gal) dF:25 Pen 2: Pressure 2 (Density : lb/gal) dF:15 Pen 3: Pressure 1 (Pressure : psi)
 Pen 4: Calc. SlurryRate (Pressure : psi)

Pen 1 40.00 Pen 2 7500.00 Pen 3 7500.00 Pen 4 20.00

36.00 6750.00 6750.00 18.00
 32.00 6000.00 6000.00 16.00
 28.00 5250.00 5250.00 14.00
 24.00 4500.00 4500.00 12.00
 20.00 3750.00 3750.00 10.00
 16.00 3000.00 3000.00 8.00
 12.00 2250.00 2250.00 6.00
 8.00 1500.00 1500.00 4.00
 4.00 750.00 750.00 2.00
 0.00 0.00 0.00 0.00



04:00:17 04:07:21 04:14:25 04:21:29 04:28:33 04:35:37 04:42:41 04:49:45 04:56:49 05:03:53 05:10:57