

JOB SUMMARY			PROJECT NUMBER SOK 4089	TICKET DATE 08/21/14
COUNTY Harper	State Kansas	COMPANY Tapstone Energy	CUSTOMER REP Dale James	
LEASE NAME Cooper 14-35-9	Well No. 1H	JOB TYPE Intermediate	EMPLOYEE NAME John Hall	

EMP NAME John Hall	Dustin Odom				
Louis Arney					
Flo Helkena					
James Derry					

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **155** Pressure _____

Retainer Depth _____ Total Depth **5176**

Date	Called Out	On Location	Job Started	Job Completed
	8/21/2014	8/21/2014	8/21/2014	8/21/2014
Time	500am	800am	1200pm	200pm

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Va	0	IR
Centralizers	0	IR
Top Plug	1	IR
HEAD	1	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	5,176	5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 3/4"		Surface	5,209	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	GEL	BBL.	30 8.40
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

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
8/21		8/21		Intermediate
Total	0.0	Total	0.0	

MAX 5,000 PSI	AVG. 500 psi
MAX 8 BPM	AVG 5 bpm
Feet 80	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	130	50/50 POZ PREMIUM	4% Gel - 0.2% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.1% C-37 - 0.4% C-41P	6.93	1.43	13.60
2	90	Premium	0.2% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P	5.19	1.19	15.60
3	0	0		0	0.00	0.00

Summary			
Preflush Breakdown	Type: MAXIMUM	Preflush: BBI 30.00	Type: Gel Spacer
	Lost Returns: NO/FULL	Load & Bkdn: Gal - BBI N/A	Pad:Bbl -Gal N/A
	Actual TOC 3,375	Excess /Return BBI N/A	Calc.Disp Bbl 196
Average	Bump Plug PSI: 850	Calc. TOC: 3,375	Actual Disp. 196.30
ISIP 5 Min.	10 Min 15 Min	Final Circ. PSI: 1,300	Disp:Bbl 196.30
		Cement Slurry BBI 52.1	
		Total Volume BBI 278.40	

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

Job Data Sheet



COMPANY Tapstone Energy		PROJECT NUMBER SOK 4089	AFE/WORK ORDER DC140114	DATE 8/20/2014	
CONTRACTOR Unit #303		Owner Same	LEGAL DESCRIPTION 14/35S/9W	API 15-077-2077-01-00	
LEASE & WELL # Cooper 14-35-9 1H		COUNTY Harper	STATE Kansas	MILEAGE 100	
DIRECTIONS BYRON OK - NORTH ON HWY 58 TO STATE LINE- NORTH ¾ MILES - 2 MILES EAST THROUGH WHITE GATE - NORTH ON LEASE RD					
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	Casing Weight	Thread	Tbng/DP Size	
	7"	26#	LTC		
	Number and Type Units			% Excess	
	Pump Truck & Bulk Materials			40%	
Remarks		Est. BHST	KOP	Depth-TVD	
		155		9.2ppg WBM	
Materials	LEAD	# of Sacks	Type	Additives	
	33.11	130	50/50 POZ PREMIUM	4% Gel - 0.2% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.1% C-37 - 0.4% C-41P	
	H2O TO MIX	Weight PPG	Yield Ft3/Sk		Water Gal/Sk
	21.45	13.60	1.43		6.93
	TAIL	# of Sacks	Type	Additives	
	19.07	90	Premium	0.2% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P	
	H2O TO MIX	Weight PPG	Yield Ft3/Sk		Water Gal/Sk
	11.12	15.60	1.19		5.19
		# of Sacks	Type	Additives	
		Weight PPG	Yield Ft3/Sk	Water Gal/Sk	
	ACID	Type	Additives		
	Inhibitor	Surfactant	clay cont.		
Spacer or Flush	Quantity	Type	Additives		
	30 bbls	Gel Spacer	900#s Bentonite Gel		
Displace	Quantity	Type	Additives		
Other	Quantity	Type	Additives		
Crew Called	Cementer	Pumper	Bulky	Bulky	
				Bulky	
CEOL	7" 8RD SWAGE, SW, DW, BALE RACK				
Sales Items	Casing Size	Casing Weight	Thread		
	7"	26#	LTC		
	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 TAKE 7" TOP & BOTTOM PLUG					
Customer Rep.	Cell Phone	Office Phone	Fax	Time of Call	
Dale James	0				
Call Taken By				Date Ready	
Jared Sisco				Location Time	
Crew Called				Yard Time	
				0	



SERVICE COMPANY: O-Tex
TICKET NO: DC140114
CUSTOMER NAME: Tapstone Energy
WELL NAME: Cooper 14359 1H
WELL LOCATION: Harper CO. KS
DATE RECORDED: 08/21/2014
JOB NO: SOK 4089
UNIT DESCRIPTION: Unit # 303
UNIT NOTES: 7" Intermediate
FILE NAME: Tapstone Energy_Cooper 14359 1H_14_08_21_#1.csv

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

Pen 2: Pressure 1 (Pressure : psi)

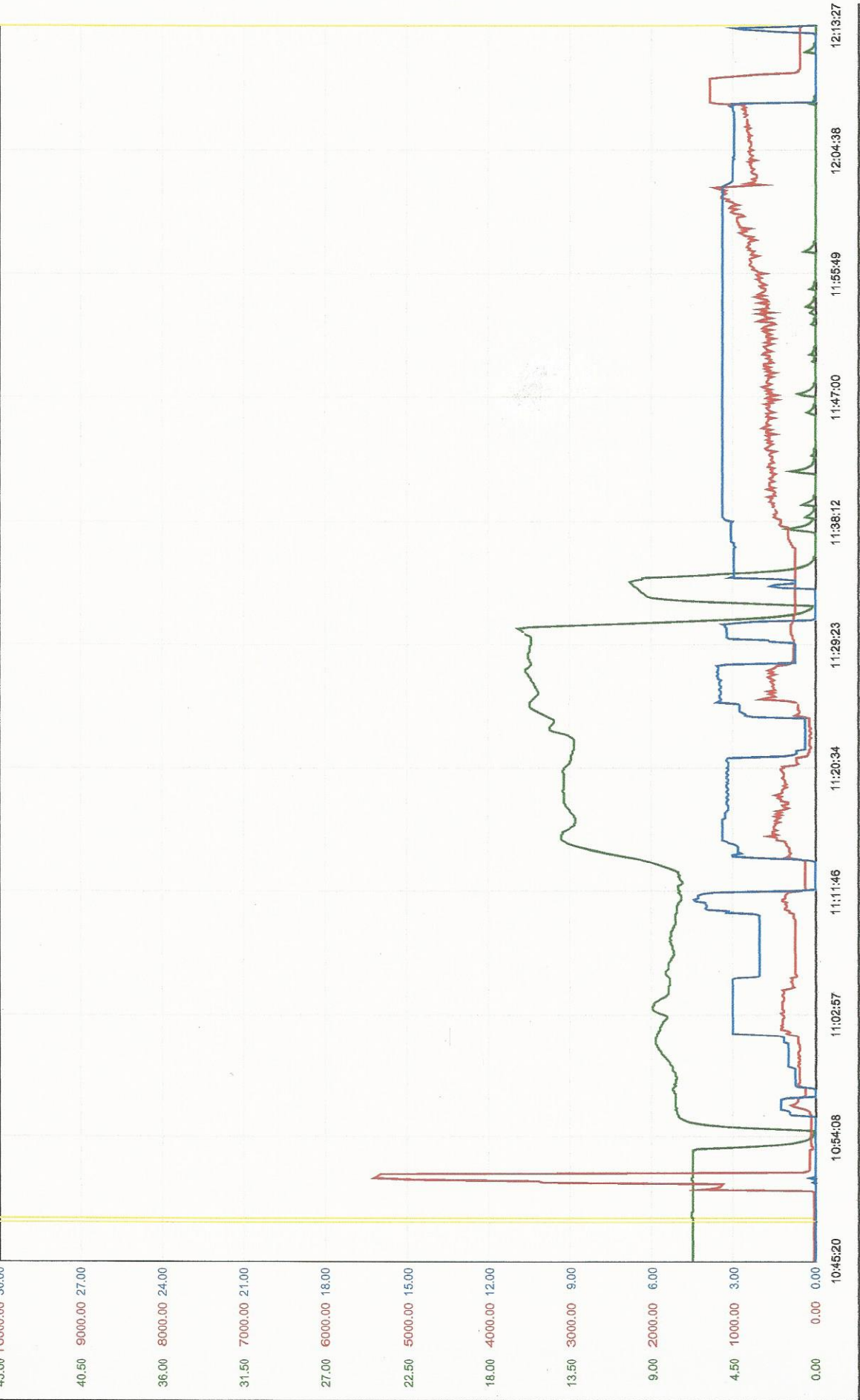
Pen 3: Flowrate 1 (Pressure : psi)

12:13:27 PC Data Recording Stopped

10:48:01 PC Data Recording Paused

10:48:05 PC Data Recording Re-Started

Pen 1 Pen 2 Pen 3
45.00 10000.00 30.00



SERVICE ORDER CONTRACT

Customer Name Tapstone Energy Ticket Number SOK 4089

Lease & Well Number Cooper 14-35-9 IH Date 8/21/2014

As consideration, The Above Named customer Agrees:

O-TEX Pumping L.L.C. shall not be responsible for and customer shall secure O-TEX pumping against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of O-TEX pumping, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.

O-TEX makes no guarantee to the effectiveness of the products, supplies, or materials, nor of the results of any treatment or services. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, O-TEX personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others except where due to O-TEX gross negligence or willful misconduct in the preparation or furnishing it.

Invoices payable NET 30 days following the date on the invoice.

Upon customers default in payment of the customers account by the last day of the month following the month in which the invoice is dated Customer agrees to pay interest thereon after at the highest lawful contract rate applicable but never to exceed 18% per annum in the event it becomes necessary to employ an attorney to enforce collection of said account. Customer agrees to pay all collection costs and attorney fees in the amount of 25% of the unpaid account. Service order: I authorize work to begin per service instructions in accordance with terms and conditions printed on this form and represent that I have authority to accept and sign this order.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.

Customer Authorized Agent:

