JOB SUMMARY

PROJECT NUMBER: SOK 5512	TICKET DATE: 12/22/15		
COUNTY: Harper	State: Kansas	COMPANY: Tapstone Energy	CUSTOMER REP: 0
LEASE NAME: Kennedy 14-34-9	Well No.: 1H	JOB TYPE: Intermediate	EMPLOYEE NAME: Joseph Klemm

EMP NAME							
Joseph Klemm		0					
Cody Bonitz							
Jose Chavez							
Majic Muhamad							

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	12/22/2015	12/22/2015	12/22/2015	12/22/2015
Time	1430	1650	1700	2030

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		26#	7"		Surface	5,077	5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8¾"		Surface	5,077	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	WBM	Density	9	Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33	Lb/Gal
Spacer type	Mudwash	BBL.	20	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 _____

Other _____

Hours On Location

Date	Hours
12/22	3.5
Total	3.5

Operating Hours

Date	Hours
12/22	3.5
Total	3.5

Description of Job

Intermediate

Pressures

MAX 5,000 PSI AVG. 200

Average Rates in BPM

MAX 8 BPM AVG 5

Cement Left in Pipe

Feet 90 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
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	0.00	0.00	0.00

Summary

Preflush		Type:		Preflush: BBl	20.00
Breakdown		MAXIMUM	5,000 PSI	Load & Bkdn: Gal - BBl	N/A
		Lost Returns-N	NO/FULL	Excess /Return BBl	N/A
		Actual TOC	3,152	Calc. TOC:	3,152
Average		Bump Plug PSI:	850	Final Circ. PSI:	340
ISIP	5 Min.	10 Min	15 Min	Cement Slurry BBl	54.6
				Total Volume BBl	265.60

Type: Mud Wash

Pad:Bbl -Gal N/A

Calc.Disp Bbl 191

Actual Disp. 191.00

Disp:Bbl 191.00

CUSTOMER REPRESENTATIVE _____ SIGNATURE

JOB LOG

PROJECT NUMBER: SOK 5512		TICKET DATE: 12/22/15	
COMPANY: Tapstone Energy	COUNTRY: USA	STATE: Kansas	COUNTY: Harper
LEASE NAME: Kennedy 14-34-9 1H Well No.	EMPLOYEE NAME: Joseph Klemm	CUSTOMER REP	
FIELD	SEC / TWP / RNG: 14/34S/9W	TICKET AMOUNT: 6,715.10	
API/UWI #: 15-077-22162-01-00	JOB PURPOSE: Intermediate	WELL TYPE: Oil & Gas	

	Time	Rate (BPM)	Volume (BBL)(GAL)		Press.(PSI) CSG.	Tbg	Job Description / Remarks
12/22/15	1430						TIME ARRIVED IN YARD
	1440						Fit for duty meeting
	1530						Headed to location from yard!
	1650						Arrive on location
	1700						Safety meeting
	1710						Rig up
	1815						Safety meeting
	1840				5000		Pressure test
	1842	2.5	20.0		60		Start mudwash spacer
	1849	4.5	35.6		300		Start lead cement @ 13.6/ppg
	1856	4.0	19.0		200		Start tail cement @ 15.6/ppg
	1904						Drop top plug
	1905	7.0			170		Start H2O displacement
	1920	7.0	100.0		170		Check rate and pressure
	1926	5.0	135.0		200		Caught cement/Decrease pump rate
	1929	3.0	155.0		340		Slow to land plug
	1942	3.0	190.0		850		Land plug
	1945		1.0				Test floats
	1950						Rig down
	2030						Leave location
							Notes: Did Not use bottom plug
							SUPERVISOR SIGNITURE
Bumped Plug	Final lift Psi	Floats Held	PSI ON CSG		CEMENT SURFACE		X
YES	340	YES	850.0		No		