

JOB SUMMARY			PROJECT NUMBER SOK 5451	TICKET DATE 11/12/15
COUNTY Harper	State Kansas	COMPANY Tapstone Energy	CUSTOMER REP William	
LEASE NAME Mark 25-34-9	Well No. 2H	JOB TYPE Intermediate	EMPLOYEE NAME Brett Armer	

EMP NAME	Brett Armer	0							
	Cody Bonitz								
	Jose Chavez								
	0.00								

Form. Name _____ Type: _____
 Packer Type _____ Set At **0**
 Bottom Hole Temp. **155** Pressure _____
 Retainer Depth _____ Total Depth **5157**

	Called Out	On Location	Job Started	Job Completed
Date	11/11/2015	11/12/2015	11/12/2015	11/12/2015
Time	2100	0230	0635	0735

Tools and Accessories		
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 1/2"		Surface	5,194'	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
	WBM	Density	Lb/Gal
Mud Type	Fresh Water	8.33	
Disp. Fluid	fresh Water	20	8.33
Spacer type	Caustic	10	8.40
Spacer type			
Acid Type			%
Acid Type			%
Surfactant			In
NE Agent			In
Fluid Loss			In
Gelling Agent			In
Fric. Red.			In
MISC.			In

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
11/12	6.5	11/12	1.0	Intermediate
Total	6.5	Total	1.0	

Perfpac Balls _____ Qty. _____
 Other _____
 Other _____
 Other _____
 Other _____

Pressures	
MAX 5,000 PSI	AVG. 500
Average Rates in BPM	
MAX 8 BPM	AVG 5
Cement Left in Pipe	
Feet 83	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

Summary					
Preflush	10	Type: Caustic	Preflush:	BBI	30.00
Breakdown		MAXIMUM 5,000 PSI	Load & Bkdn:	Gal - BBI	N/A
		Lost Returns-NO/FULL	Excess /Return	BBI	N/A
		Actual TOC	Calc. TOC:		194
Average		Bump Plug PSI:	Final Circ. PSI:		194.00
ISIP	5 Min.	10 Min.	Cement Slurrv:	BBI	900
		15 Min.	Total Volume	BBI	55.0
					279.00

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

