HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	**Ship To #:** 2936584	**Quote #:**	Sales **Order #:** 901369445
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:**	
Well Name: Kelly Danielle 3119	**Well #:** 1-23H		API/UWI #:
Field:	**City (SAP):** COLDWATER	**County/Parish:** Comanche	**State:** Kansas
Contractor: SANDRIDGE	**Rig/Platform Name/Num:** WORKOVER		
Job Purpose: Squeeze Perfs			
Well Type: Producing Well	**Job Type:** Squeeze Perfs		
Sales Person: FRENCH, JEREMY	**Srvc Supervisor:** VILLARREAL, ARTURO	MBU ID Emp #: 106127	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DALRYMPLE, BRIAN Kieth	5	456242	GARDNER, KIRK	5	567686	MARTINEZ, EDGUR	5	498489
VILLARREAL, ARTURO	5	106127	WILLIAMS, DARREL Lee	5	511430			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
5-22-14	5	2						
TOTAL				*Total is the sum of each column separately*				

Job

Formation Name			
Formation Depth (MD)	**Top**	**Bottom**	
Form Type		**BHST**	
Job depth MD	7000. m	**Job Depth TVD**	
Water Depth		**Wk Ht Above Floor**	
Perforation Depth (MD)	**From**	**To**	

Job Times

	Date	Time	Time Zone
Called Out	22 - May - 2014	03:30	CST
On Location	22 - May - 2014	11:00	CST
Job Started	22 - May - 2014	00:00	CST
Job Completed	22 - Mar - 2014	02:00	CST
Departed Loc	22 - May - 2014	00:00	CST

Well Data

Description	New / Used	Max pressure MPa	Size mm	ID mm	Weight kg/m	Thread	Grade	Top MD m	Bottom MD m	Top TVD m	Bottom TVD m

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density kg/m3	Yield m3/sk	Mix Fluid m3/ tonne	Rate m3/min	Total Mix Fluid m3/ tonne

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density kg/m3	Yield m3/sk	Mix Fluid m3/ tonne	Rate m3/min	Total Mix Fluid m3/ tonne

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Stage/Plug #: 1										
1	Injection Test		10.00	bbl	8.33	.0	.0	.0		
2	Primary Cement	CMT - PREMIUM CEMENT (100003687)	50.0	sacks	12.5	1.02	4.76		4.76	
44 lbm		FINECEM CEMENT, 44 LB SACK (101910298)								
4.761 Gal		FRESH WATER								
3	Displacement (TBD)		20.00	bbl	8.33	.0	.0	.0		

Calculated Values		Pressures		Volumes					
Displacement	20.5	Shut In: Instant		Lost Returns	NO	Cement Slurry	9	Pad	
Top Of Cement	255FT PLUG-4450=4195	5 Min		Cement Returns	1/2	Actual Displacement	20.5	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	

Rates							
Circulating		Mixing	2.5	Displacement	2.5	Avg. Job	2.5

Cement Left In Pipe	Amount	0 ft	Reason	Shoe Joint

Frac Ring # 1 @		ID		Frac ring # 2 @		ID		Frac Ring # 3 @		ID		Frac Ring # 4 @		ID	

The Information Stated Herein Is Correct	Customer Representative Signature