

HALLIBURTON

The Road to Excellence Starts with Safety

Sold To #: 344659		Ship To #: 2878893		Quote #:		Sales Order #: 8482685	
Customer: CHESAPEAKE OPERATING INC EBUSINESS				Customer Rep:			
Well Name: Girard			Well #: 2-63 11-1H			API/UWI #:	
Field: WILD CAT		City (SAP): PLATTEVILLE		County/Parish: Weld			State: Colorado
Contractor: SST			Rig/Platform Name/Num: 53				
Job Purpose: Cement Surface Casing							
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: FLING, MATTHEW			Srvc Supervisor: ROSALES, MATTHEW			MBU ID Emp #: 392095	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BARRAS, JOSEPH Corey		405168	BULINSKI, MATTHEW J		483865	CHAVEZ, JEROME Christophe		458298
ROSALLES, MATTHEW John		392095						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10857080C	31 mile	11036298	31 mile	11398319	31 mile	11398490	31 mile
11605598	31 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL					Total is the sum of each column separately			

Job						Job Times			
Formation Name							Date	Time	Time Zone
Formation Depth (MD)	Top			Bottom		Called Out	21 - Sep - 2011	00:00	MST
Form Type				BHST		On Location	21 - Sep - 2011	03:00	MST
Job depth MD	840. ft			Job Depth TVD	840. ft	Job Started	21 - Sep - 2011	04:56	MST
Water Depth				Wk Ht Above Floor		Job Completed	21 - Sep - 2011	07:00	MST
Perforation Depth (MD)	From			To		Departed Loc	21 - Sep - 2011	08:00	MST

Well Data

<i>Description</i>	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Open Hole				8.75				.	840.		
Surface Casing	Unknown		9.625	8.835	40.		J-55	.	839.		

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

HALLIBURTON

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Water Spacer		40.00	bbl	8.33	.0	.0	5.0		
2	Swiftcem Lead Cement	SWIFTCEM (TM) SYSTEM (452990)	155.0	sacks	12.	2.48	14.64	5.0	14.64	
	14.64 Gal	FRESH WATER								
3	SWIFTCEM 13#	SWIFTCEM (TM) SYSTEM (452990)	90.0	sacks	13.	1.94	10.67	5.0	10.67	
	10.67 Gal	FRESH WATER								
4	Water Displacement		57.00	bbl	8.33	.0	.0	5.0		
Calculated Values		Pressures		Volumes						
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad		
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment		
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job		
Rates										
Circulating		Mixing		Displacement		Avg. Job				
Cement Left In Pipe	Amount	88.34 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						