

HALLIBURTON

The Road to Excellence Starts with Safety

Sold To #: 344659		Ship To #: 2899153		Quote #:		Sales Order #: 9182607	
Customer: CHESAPEAKE OPERATING INC EBUSINESS				Customer Rep:			
Well Name: State			Well #: 8-60-16-2H			API/UWI #: 05-123-34824	
Field: DJ		City (SAP): NEW RAYMER		County/Parish: Weld		State: Colorado	
Contractor: SST			Rig/Platform Name/Num: SST 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 #
BRICKER, DANIEL Z	7.0	475710	CHAVEZ, JEROME Christophe	7.0	458298	ROSALES, MATTHEW John	7.0	392095

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10867419C	78 mile	11360865C	78 mile	11542778	78 mile	11605598	78 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

Formation Name								
Formation Depth (MD)	Top	Bottom			Called Out	Date	Time	Time Zone
Form Type	BHST				On Location	04 - Jan - 2012	08:00	MST
Job depth MD	1111. ft		Job Depth TVD	1111. ft	Job Started	04 - Jan - 2012	12:00	MST
Water Depth	Wk Ht Above Floor		5. ft		Job Completed	04 - Jan - 2012	13:10	MST
Perforation Depth (MD)	From	To			Departed Loc	04 - Jan - 2012	15:00	MST

Well Data

Description	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
12 1/4" Open Hole				12.25				.	1111.		
9 5/8" Surface Casing	Unknown		9.625	8.835	40.		J-55	.	1116.9		

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

HALLIBURTON

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	Fresh Water		40.00	bbl	8.33	.0	.0	.0	
2	SwiftCem 12.0#	SWIFTCEM (TM) SYSTEM (452990)	155.0	sacks	12.	2.48	14.64		14.64
	14.64 Gal	FRESH WATER							
3	SwiftCem 13.0#	SWIFTCEM (TM) SYSTEM (452990)	120.0	sacks	13.	1.94	10.67		10.67
	10.67 Gal	FRESH WATER							
4	Displacement Fluid		78.00	bbl	8.33	.0	.0	.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	87.67 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID		Frac ring # 2 @	ID		Frac Ring # 3 @	ID		Frac Ring # 4 @
The Information Stated Herein Is Correct				Customer Representative Signature					