

HALLIBURTON

The Road to Excellence Starts with Safety

Sold To #: 344659		Ship To #: 2904431		Quote #:		Sales Order #: 9261525	
Customer: CHESAPEAKE OPERATING INC EBUSINESS				Customer Rep: Roghair, John			
Well Name: State			Well #: 16-3-61 1H			API/UWI #: 50-123-34991	
Field: DJ		City (SAP): MASTERS		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: WHEELER, JUSTIN		MBU ID Emp #: 196470	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BURGESS, CODY Alan	0.0	511446	CARPENTER, JACOB P	0.0	499500	KUNERT, RANDY Joe	0.0	477850
WHEELER, JUSTIN W	0.0	196470						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248053C	45 mile	10988836	45 mile	11542778	45 mile	11566182	45 mile
11605599	45 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	03 - Feb - 2012	00:00	MST
Form Type			BHST			On Location	04 - Feb - 2012	13:30	MST
Job depth MD	836. ft		Job Depth TVD		836. ft	Job Started	04 - Feb - 2012	14:55	MST
Water Depth			Wk Ht Above Floor			Job Completed	04 - Feb - 2012	16:35	MST
Perforation Depth (MD)	From			To		Departed Loc	04 - Feb - 2012	17:30	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
Open Hole				12.25				.	836.	.	.
9 5/8" Surface Casing	Unknown		9.625	8.835	40.		J-55	.	835.6	.	.

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	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)	85.0	sacks	13.	1.94	10.67	5.0	10.67		
	10.67 Gal	FRESH WATER									
4	G Premium 15.8#	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	100.0	sacks	15.8	1.15	5.0	5.0	5.0		
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)									
	5 Gal	FRESH WATER									
5	Displacement Fluid		57.00	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	83.44 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							