

# HALLIBURTON

## Cementing Job Summary

*The Road to Excellence Starts with Safety*

Sold To #: 344659	Ship To #: 2858166	Quote #:	Sales Order #: 8227299
Customer: CHESAPEAKE OPERATING INC EBUSINESS	Customer Rep: Coen, Craig		
Well Name: State	Well #: 36-10 67-1H	API/UWI #:	
Field: DJ Basin	City (SAP): CARR	County/Parish: Weld	State: Colorado
Contractor: Cylcone Drilling	Rig/Platform Name/Num: Rig 26		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: COLLINS, JAMES	Srv Supervisor: HALL, ROLAND	MBU ID Emp #:	273321

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CORMIN, ANDREW	14	497192	HALL, ROLAND J.	14	273321	HANAWALT, RYAN	14	492796
MEYER, JOHN R	14	458774						

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10022315C	205 mile	10572220	205 mile	10638125	205 mile	10829459	205 mile
10925849	205 mile	11288860	205 mile				

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
610/11	14	2.5						

**TOTAL** Total is the sum of each column separately

### Job

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Water Depth	Perforation Depth (MD)	From	To
				BHST	1000. ft				
				90 degF					
						3. ft			

### Job Times

Date	Time	Time Zone
10 - Jun - 2011	06:30	MST
10 - Jun - 2011	08:30	MST
10 - Jun - 2011	18:08	MST
10 - Jun - 2011	20:30	MST
10 - Jun - 2011	22:00	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 Section				12.25					1000.		1000.
9 5/8" Surface Casing	New		9.625	8.835	40.		J-55		1000.		1000.

### 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 lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

Stage/Plug #: 1

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Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Ahead			bbl	8.33	.0	.0	.0	
2	SWIFTCEM	SWIFTCEM (TM) SYSTEM (452990)		sacks	12.	2.47	14.62		14.62
	14.62 Gal	FRESH WATER							
3	SWIFTCEM	SWIFTCEM (TM) SYSTEM (452990)		sacks	13.	1.94	10.63		10.63
	10.63 Gal	FRESH WATER							
4	Water Displacement			bbl	8.33	.0	.0	.0	
5	Premium Top Out	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)		sacks	15.8	1.17	5.02		5.02
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	5.02 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement	97.1	Shut In: Instant		Lost Returns		Cement Slurry	158	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	30	Actual Displacement	97	Treatment	
Frac Gradient		15 Min		Spacers	50	Load and Breakdown		Total Job	315
Rates									
Circulating	6	Mixing	6	Displacement	6	Avg. Job	6		
Cement Left In Pipe	Amount	83 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					