

HALLIBURTON

The Road to Excellence Starts with Safety

Sold To #: 344659	Ship To #: 2875406	Quote #:	Sales Order #: 8442023
Customer: CHESAPEAKE OPERATING INC EBUSINESS		Customer Rep:	
Well Name: Hediger	Well #: 24-9-67 1H	API/UWI #: 05-123-34095	
Field: WILD CAT	City (SAP): GREELEY	County/Parish: Weld	State: Colorado
Contractor: Cyclone	Rig/Platform Name/Num: 11		
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 #
BULINSKI, MATTHEW J		483865	IPSON, TIMOTHY John		485018	LYNCH, JACK William		483039
ROSALES, MATTHEW John		392095						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11036295C	55 mile	11362287C	55 mile	11527037	55 mile	11562544C	55 mile
11605598	55 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL			<i>Total is the sum of each column separately</i>					

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					02 - Sep - 2011	02:00	MST
Form Type			BHST	On Location	02 - Sep - 2011	06:30	MST
Job depth MD	1320. ft		Job Depth TVD	Job Started	02 - Sep - 2011	13:40	MST
Water Depth			Wk Ht Above Floor	Job Completed	02 - Sep - 2011	14:47	MST
Perforation Depth (MD)	From		To	Departed Loc	02 - Sep - 2011	16:30	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				8.75				.	1300.		
Surface Casing	Unknown		9.625	8.835	40.		J-55	.	1300.		

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		50.00	bbl	8.33	.0	.0	5.0		
2	Swiftcem Lead Cement	SWIFTCEM (TM) SYSTEM (452990)	255.0	sacks	12.	2.48	14.64	5.0	14.64	
	14.64 Gal	FRESH WATER								
3	SWIFTCEM 13#	SWIFTCEM (TM) SYSTEM (452990)	135.0	sacks	13.	1.94	10.67	5.0	10.67	
	10.67 Gal	FRESH WATER								
4	Water Displacement		94.00	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	42 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						