

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 344659			Ship To #: 2863454			Quote #:			Sales Order #: 8306919						
Customer: CHESAPEAKE OPERATING INC EBUSINESS						Customer Rep: ., David									
Well Name: State				Well #: 9-66 36-1H				API/UWI #: 05-123-31447							
Field:		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			Srvc Supervisor: GAINES, ALBERT			MBU ID Emp #: 376241									
Job Personnel															
HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #				
EVANS, MATTHEW A		12	343590	GAINES, ALBERT D		12	376241	ZACH, JOSHUA James		12	311112				
Equipment															
HES Unit #		Distance-1 way		HES Unit #		Distance-1 way		HES Unit #		Distance-1 way					
10822521		210 mile		10825410		210 mile		11134257		210 mile					
Job 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		08 - Jul - 2011		17:45 MST			
Form Type				BHST		90 degF		On Location		08 - Jul - 2011		23:30 MST			
Job depth MD		1037. ft		Job Depth TVD		1037. ft		Job Started		09 - Jul - 2011		08:37 MST			
Water Depth				Wk Ht Above Floor		4. ft		Job Completed		09 - Jul - 2011		09:40 MST			
Perforation Depth (MD)		From		To				Departed Loc		09 - Jul - 2011		11:30 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		
12 1/4" Open Hole					12.25					.	1020.				
9 5/8" Surface Casing		New		9.625	8.835	40.			J-55	.	1020.				
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			
Treatment Fld				Conc				Inhibitor				Conc			
												Acid Type			
												Qty			
												Sand Type			
												Size			
												Conc		%	
												Qty			

Fluid Data

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 Ahead		40.00	bbl	8.33	.0	.0	.0	
2	SWIFTCEM	SWIFTCEM (TM) SYSTEM (452990)	200.0	sacks	12.	2.47	14.62		14.62
	14.62 Gal	FRESH WATER							
3	SWIFTCEM	SWIFTCEM (TM) SYSTEM (452990)	110.0	sacks	12.99	1.94	10.63		10.63
	10.63 Gal	FRESH WATER							
4	Water Displacement		72.00	bbl	8.33	.0	.0	.0	
5	Premium Top Out	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	20.0	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	72	Shut In: Instant		Lost Returns	NO	Cement Slurry	126	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	19	Actual Displacement	72	Treatment	
Frac Gradient		15 Min		Spacers	40	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	6.5	Displacement	8	Avg. Job			
Cement Left In Pipe	Amount	86	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					