

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 344659	Ship To #: 2860376	Quote #:	Sales Order #: 8254753
Customer: CHESAPEAKE OPERATING INC EBUSINESS		Customer Rep:	
Well Name: Cass	Well #: 7-62 15-1H	API/UWI #: 05-123-33280	
Field: DJ Basin	City (SAP): BRIGGS DALE	County/Parish: Weld	State: Colorado
Legal Description: Section 15 Township 7N Range 62W			
Contractor: Cylcone Drilling		Rig/Platform Name/Num: Rig 11	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: COLLINS, JAMES	Srvc Supervisor: PORTER, TIMOTHY	MBU ID Emp #: 122567	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
KENNEDY, SHANNON Anthony	12.25	469878	PICKELL, CHRISTOPHER Lee	12.25	396838	PORTER, TIMOTHY Paul	12.25	122567
REICHENBACH, JEREMY C	6	231749	HOLLAR, BEN	12.25	489771	BORDEN, RYAN	12.25	476216

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10022315C	245 mile	10407991	245 mile	10679720C	245 mile	10822539	245 mile
10977079C	245 mile	10982754C	245 mile	11133704	245 mile	11133705	245 mile
11360865C	245 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
6-18	11.5	4	6-19	1	1			

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	18 - Jun - 2011	05:30	MST	
Form Type			BHST		90 degF	On Location	18 - Jun - 2011	12:45	MST	
Job depth MD			1580. ft		Job Depth TVD	1580. ft	Job Started	18 - Jun - 2011	21:15	MST
Water Depth			Wk Ht Above Floor		4. ft <th>Job Completed</th> <td>18 - Jun - 2011</td> <td>23:30</td> <td>MST</td>		Job Completed	18 - Jun - 2011	23:30	MST
Perforation Depth (MD)		From			To		Departed Loc	19 - Jun - 2011	01:00	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				80.	1580.		
16" Conductor	Used		16.	15.376	55.		J-55	0	80.		
9 5/8" Surface Casing	New		9.625	8.835	40.		J-55	0	1580		

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

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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	Spacer	Fresh Water	40.00	bbl	8.33				
2	Lead Cement	SWIFTCEM	300.0	sacks	12.	2.47	14.62		14.62
3	Tail Cement	SWIFTCEM	150.0	sacks	13.	1.94	10.63		10.63
4	Displacement	Fresh Water	113.00	bbl	8.33				
Calculated Values		Pressures		Volumes					
Displacement	113	Shut In: Instant		Lost Returns	No	Cement Slurry	184	Pad	
Top Of Cement	Surface	5 Min		Cement Returns	64	Actual Displacement	113	Treatment	
Frac Gradient		15 Min		Spacers	40	Load and Breakdown		Total Job	337
Rates									
Circulating	5	Mixing	5	Displacement	5	Avg. Job	5		
Cement Left In Pipe	Amount	43 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					