

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 374215	Ship To #: 3744483	Quote #:	Sales Order #: 0903582664							
Customer: CUB CREEK ENERGY LLC		Customer Rep: Siji Chaparro								
Well Name: MARKHAM	Well #: 12	API/UWI #: 05-123-43274-00								
Field: WATTENBERG	City (SAP): MEAD	County/Parish: WELD	State: COLORADO							
Legal Description: NW SE-32-4N-68W-2501FSL-1517FEL										
Contractor: XTREME DRLG		Rig/Platform Name/Num: XTREME 18								
Job BOM: 7523										
Well Type: HORIZONTAL OIL										
Sales Person: HALAMERICA\HX38199		Srvc Supervisor: Joseph Fantasia								
Job										
Formation Name										
Formation Depth (MD)	Top	Bottom								
Form Type		BHST								
Job depth MD	11944ft	Job Depth TVD								
Water Depth		Wk Ht Above Floor								
Perforation Depth (MD)	From	To								
Well Data										
Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing		9.625	8.921	36			0	1529		1529
Casing		5.5	4.892	17			0	11944	0	7047
Open Hole Section			8.5				1529	11944	0	7048
Tools and Accessories										
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make	
Guide Shoe	5.5			11944		Top Plug	5.5		HES	
Float Shoe	5.5					Bottom Plug	5.5		HES	
Float Collar	5.5					SSR plug set	5.5		HES	
Insert Float	5.5					Plug Container	5.5		HES	
Stage Tool	5.5					Centralizers	5.5		HES	
Fluid Data										
Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Fresh Water Spacer		40	bbl	8.33			5		
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	

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2	11.5 lb/gal Tuned Spacer III	Tuned Spacer III	0	bbl	11.5	3.74		5	
36 gal/bbl		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
3	13.2# ElastiCem Lead	ELASTICEM (TM) SYSTEM	1100	sack	13.2	1.57		6	7.51
7.51 Gal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
4	13.5# EconoCem Tail	ECONOCEM (TM) SYSTEM	810	sack	13.5	1.68		6	7.99
7.99 Gal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
5	Fresh Water Displacement		0	bbl	8.4				
Cement Left in Pipe		Amount	14 ft		Reason			Shoe Joint	
Comment GOT 17BBLS OF CEMENT BACK									

3.0 Attachments

3.1 cub creek markham #12.png

