

*The Road to Excellence Starts with Safety*

Sold To #: 374215	Ship To #: 3743897	Quote #:	Sales Order #: 0903566680
Customer: CUB CREEK ENERGY LLC		Customer Rep: Siji Chaparro	
Well Name: MARKHAM	Well #: 10	API/UWI #: 05-123-43242-00	
Field: WATTENBERG	City (SAP): MEAD	County/Parish: WELD	State: COLORADO
Legal Description: NW SE-32-4N-68W-2469FSL-1517FEL			
Contractor: XTREME DRLG		Rig/Platform Name/Num: XTREME 18	
Job BOM: 7523			
Well Type: HORIZONTAL OIL			
Sales Person: HALAMERICA\HX38199		Srvc Supervisor: Vaughn Oteri	

**Job**

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type	BHST		
Job depth MD	11975ft		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	1525		0
Casing		5.5	4.892	17			0	11966		0
Open Hole Section			8.5				1526	11975	0	0

**Tools and Accessories**

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	5.5				Top Plug	5.5	2	Downhole tools
Float Shoe	5.5			11966	Bottom Plug	5.5		
Float Collar	5.5			11952	SSR plug set	5.5		
Insert Float	5.5				Plug Container	5.5	1	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 ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	Water Based Mud		40	bbl	9.4			3	

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
2	11.5 lb/gal Tuned Spacer III	Tuned Spacer III	50	bbbl	11.5	3.74		3	
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
3	13.2# ElastiCem Lead	ELASTICEM (TM) SYSTEM	1100	sack	13.2	1.57		6	7.51
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
4	13.5# EconoCem Tail	ECONOCEM (TM) SYSTEM	810	sack	13.5	1.68		6	7.99
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
5	Fresh Water Displacement		277	bbbl	8.4			8	

Cement Left In Pipe	Amount	ft	Reason	Shoe Joint

**Comment** 7bbl of cement back to surface

3.0 Attachments

3.1 Case 1-Custom Results.png

