

**1.2 Cementing Job Summary**

**HALLIBURTON**

**Cementing Job Summary**

*The Road to Excellence Starts with Safety*

Sold To #: 340078		Ship To #: 3187883		Quote #:		Sales Order #: 0901430975				
Customer: ENCANA OIL & GAS (USA) INC. - EBUS				Customer Rep: Mark Schulz						
Well Name: BOYD		Well #: 3G-19 H-M368		API/UWI #:		05-123-37794-00				
Field: WATTENBERG		City (SAP): MEAD		County/Parish: WELD		State: COLORADO				
Legal Description: SW SW-19-3N-68W-1009FSL-612FWL										
Contractor: ENSIGN DRLG				Rig/Platform Name/Num: ENSIGN 135						
Job BOM: 7521										
Well Type: HORIZONTAL GAS					Srcv Supervisor: Devin Birchell					
Sales Person: HALAMERICA\HB50180					Job					
Formation Name										
Formation Depth (MD)		Top			Bottom					
Form Type		BHST								
Job depth MD		870ft			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
Open Hole Section			12.25				0	800	0	800
Casing		9.625	8.835	40		N-80	0	800	0	800
Tools and Accessories										
Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make		
Guide Shoe	9.625	1		800	Top Plug	9.625	1	HES		
Float Shoe	9.625	1			Bottom Plug	9.625	1	HES		
Float Collar	9.625	1			SSR plug set	9.625	1	HES		
Insert Float	9.625	1			Plug Container	9.625	1	HES		
Stage Tool	9.625	1			Centralizers	9.625	1	HES		
Miscellaneous Materials										
Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc				
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty				
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	Mud Flush III (Powder)	Mud Flush III	12	bbl	8.4					
	42 gal/bbl									
FRESH WATER										
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	SwiftCem B2	SWIFTCEM (TM) SYSTEM	290	sack	14.2	1.54		6	7.64
7.64 Gal		FRESH WATER							
<b>Fluid #</b>	<b>Stage Type</b>	<b>Fluid Name</b>	<b>Qty</b>	<b>Qty UoM</b>	<b>Mixing Density lbm/gal</b>	<b>Yield ft<sup>3</sup>/sack</b>	<b>Mix Fluid Gal</b>	<b>Rate bbl/min</b>	<b>Total Mix Fluid Gal</b>
3	WBM		60	bbl	8.5				
<b>Cement Left In Pipe</b>		<b>Amount</b>	<b>ft</b>	<b>Reason</b>			<b>Shoe Joint</b>		
<b>Comment</b>									

**1.3**