

## 1.2 Cementing Job Summary

**HALLIBURTON****Cementing Job Summary***The Road to Excellence Starts with Safety*

Sold To #: 340078		Ship To #: 3187886		Quote #:		Sales Order #: 0901430879					
Customer: ENCANA OIL & GAS (USA) INC. - EBUS				Customer Rep: Mark Schulz							
Well Name: BOYD			Well #: 3D-19 H-M368			API/UWI #: 05-123-37796-00					
Field: WATTENBERG		City (SAP): MEAD		County/Parish: WELD			State: COLORADO				
Legal Description: SW SW-19-3N-68W-1039FSL-612FWL											
Contractor: ENSIGN DRLG					Rig/Platform Name/Num: ENSIGN 135						
Job BOM: 7521											
Well Type: HORIZONTAL GAS											
Sales Person: HALAMERICA/HB50180					Srvc Supervisor: Andrew Ashby						
<b>Job</b>											
Formation Name											
Formation Depth (MD)		Top			Bottom						
Form Type											
BHST											
Job depth MD		860ft			Job Depth TVD						
Water Depth											
Wk Ht Above Floor											
Perforation Depth (MD)		From			To						
<b>Well Data</b>											
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	8.835	40		N-80	0	850	0	850
Open Hole Section				12.25				0	860	0	860
<b>Tools and Accessories</b>											
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make		
Guide Shoe	9.625					Top Plug	9.625	1	HES		
Float Shoe	9.625			850		Bottom Plug	9.625		HES		
Float Collar	9.625			803.47		SSR plug set	9.625		HES		
Insert Float	9.625					Plug Container	9.625	1	HES		
Stage Tool	9.625					Centralizers	9.625	6	HES		
<b>Miscellaneous Materials</b>											
Gelling Agt		Conc		Surfactant		Conc	Acid Type	Qty	Conc		
Treatment Fld		Conc		Inhibitor		Conc	Sand Type	Size	Qty		
<b>Fluid Data</b>											
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	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 ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal

**HALLIBURTON**

*Cementing Job Summary*

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 ft3/sack</b>	<b>Mix Fluid Gal</b>	<b>Rate bbl/mi n</b>	<b>Total Mix Fluid Gal</b>
3	Displacement	Fresh Water Displacement	60.9	bbbl	8.3				
<b>Cement Left in Pipe</b>	<b>Amount</b>	47 ft		<b>Reason</b>	Shoe Joint				
<b>Comment</b>									