

## 1.2 Cementing Job Summary

**HALLIBURTON**

## Cementing Job Summary

*The Road to Excellence Starts with Safety*

Sold To #: 340078		Ship To #: 3542601		Quote #:		Sales Order #: 0901843161				
Customer: ENCANA OIL & GAS (USA) INC. - EBUS				Customer Rep: George Cobb						
Well Name: DALE		Well #: 4B-20H-0264		API/UWI #: 05-123-39724-00						
Field: WATTENBERG		City (SAP): KEENESBURG		County/Parish: WELD		State: COLORADO				
Legal Description: SW SE-20-2N-64W-338FSL-1797FEL										
Contractor:				Rig/Platform Name/Num: H&P 278						
Job BOM: 7523										
Well Type: HORIZONTAL GAS										
Sales Person: HALAMERICA/HB60191				Srv Supervisor: Mark Turner						
Job										
Formation Name										
Formation Depth (MD)		Top		Bottom						
Form Type				BHST						
Job depth MD		11760ft		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		7	6.386	23		N-80	0	7288	0	6934
Casing		4.5	3.92	13.5		P-110	0	11520	0	6934
Open Hole Section			6.125				7288	11520		
Tools and Accessories										
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make	
Guide Shoe	4.5			11760		Top Plug	4.5		HES	
Float Shoe	4.5			46.93		Bottom Plug	4.5		HES	
Float Collar	4.5			11713		SSR plug set	4.5		HES	
Insert Float	4.5					Plug Container	4.5		HES	
Stage Tool	4.5					Centralizers	4.5		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	13 lb/gal Tuned Spacer III	Tuned Spacer III	30	bbl	13	2.36	14.3	5		
236.58 lbm/bbl		BARITE, BULK (100003681)								
33.86 gal/bbl		FRESH WATER								

last updated on 11/20/2014 1:10:24 PM

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2	ExpandaCem B2	EXPANDACEM (TM) SYSTEM	353	sack	13.8	1.67	7.7	5	7.7																																										
7.70 Gal		FRESH WATER																																																	
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3	Fresh Water	Fresh Water	175	bbl	8.3																																														
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