

## 1.2 Cementing Job Summary

HALLIBURTON

## Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 340078	Ship To #: 3542555	Quote #:	Sales Order #: 0901761814							
Customer: ENCANA OIL & GAS (USA) INC. - EBUS		Customer Rep:								
Well Name: DALE	Well #: 4E-20H-O264	API/UWI #: 05-123-39723-00								
Field: WATTENBERG	City (SAP): KEENESBURG	County/Parish: WELD	State: COLORADO							
Legal Description: SW SE-20-2N-64W-337FSL-1776FEL										
Contractor:		Rig/Platform Name/Num: H&P 278								
Job BOM: 7523										
Well Type: HORIZONTAL GAS										
Sales Person: HALAMERICAN/H117930		Srv Supervisor: Edur Duran								
Job										
Formation Name										
Formation Depth (MD)	Top	Bottom								
Form Type	BHST									
Job depth MD	11685ft	Job Depth TVD	7165							
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	6.366	23		N-80	0	7515	0	7165
Casing		4.5	3.92	13.5		P-110	0	11685	0	7165
Open Hole Section			6.125				7288	11700		
Tools and Accessories										
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make	
Guide Shoe	4.5	1		11685		Top Plug	4.5		HES	
Float Shoe	4.5	1				Bottom Plug	4.5		HES	
Float Collar	4.5	1				SSR plug set	4.5		HES	
Insert Float	4.5	1				Plug Container	4.5		HES	
Stage Tool	4.5	1				Centralizers	4.5		HES	
Miscellaneous Materials										
Gelling Agt		Conc		Surfactant		Acid Type		Qty	Conc	
Treatment Fld		Conc		Inhibitor		Sand Type		Size	Qty	
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	12.5 lb/gal Tuned Spacer III	Tuned Spacer III	30	bbl	12.5	2.69	16.6	5		
207.59 lbm/bbl		BARITE, BULK (100003681)								
34.60 gal/bbl		FRESH WATER								

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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
2	ExpandaCem B2	EXPANDACEM (TM) SYSTEM	352	sack	13.8	1.67		5	7.7
7.70 Gal		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
3	Fresh Water	Fresh Water	174	bbl	8.3				
Cement Left In Pipe    Amount 5 ft    Reason    Shoe Joint									
Comment									