

1.2 Cementing Job Summary

Sold To #: 340078		Ship To #: 3187883		Quote #:		Sales Order #: 0901459697				
Customer: ENCANA OIL & GAS (USA) INC. - EBUS					Customer Rep: DENNIS ZAROSKY					
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: 7523										
Well Type: HORIZONTAL GAS										
Sales Person: HALAMERICA\HX38199					Srvc Supervisor: Aaron Smith					
Job										
Formation Name										
Formation Depth (MD)		Top			Bottom					
Form Type					BHST					
Job depth MD		11295ft			Job Depth TVD		6802			
Water Depth					Wk Ht Above Floor		30			
Perforation Depth (MD)					To					
Well Data										
	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	7285	0	6802
Casing		4.5	3.92	13.5		P-110	0	11280	0	6802
Open Hole Section			6.125				7285	11295		0
Tools and Accessories										
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make	
Guide Shoe	4.5					Top Dart	4.5	1	HES	
Float Shoe	4.5	1		11280		Bottom Plug	4.5		HES	
Landing Collar	4.5	1		11295		SSR plug set	4.5		HES	
Insert Float	4.5					Plug Container	4.5		HES	
	4.5					Centralizers	4.5		HES	
Miscellaneous Materials										
Gelling Agt		Conc		Surfactant		Conc		Acid Type	Qty	
Treatment Fld		Conc				Conc		Sand Type		
Fluid Data										
Stage/Plug #: 1										

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	13 lb/gal Tuned Spacer III	Tuned Spacer III	30	bbl	13	8.93		5	
		235.92 lbm/bbl							
		33.90 gal/bbl							

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
2	ExpandaCem B2	EXPANDACEM (TM) SYSTEM	325	sack	13.8	1.67		5	7.7
		7.70 Gal							

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	Fresh Water	Fresh Water	168	bbl	8.3				

		Amount	5 ft						

Comment