

1.2 Cementing Job Summary

Sold To #: 340078		Ship To #: 3542546		Quote #:		Sales Order #: 0901884005							
Customer: ENCANA OIL & GAS (USA) INC. - EBUS				Customer Rep: Jim Quesenbury									
Well Name: DALE		Well #: 4A-20H-O264		API/UWI #: 05-123-39738-00									
Field: WATTENBERG		City (SAP): KEENESBURG		County/Parish: WELD		State: COLORADO							
Legal Description: SW SE-20-2N-64W-338FSL-1806FEL													
Contractor:				Rig/Platform Name/Num: H&P 278									
Job BOM: 7523													
Well Type: HORIZONTAL GAS													
Sales Person: HALAMERICA\HB60191				Srv Supervisor: Steven Markovich									
Job													
Formation Name													
Formation Depth (MD)		Top		Bottom									
Form Type				BHST									
Job depth MD		11746ft		Job Depth TVD									
Water Depth				Wk Ht Above Floor									
Perforation Depth (MD)		2.0 rom		To									
Well Data													
3.0	Desciption	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	7031	0	6934		
	Casing		4.5	3.92	13.5		P-110	0	11743	0	6934		
	Open Hole Section			6.125				7031	11746				
Tools and Accessories													
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make				
Guide Shoe	4.5	1		11743		Top Plug	4.5	1	HES				
Float Shoe	4.5	1				Bottom Plug	4.5	1	HES				
Float Collar	4.5	1				SSR plug set	4.5	1	HES				
Insert Float	4.5	1				Plug Container	4.5	1	HES				
4.0 Stage Tool	4.5	1				Centralizers	4.5	1	HES				
Miscellaneous Materials													
Gelling Agt	5.0	Conc	6.0	Surfactant	7.0	Conc	8.0	Acid Type	9.0	Qty	10.0	11.0 onc	12.0
Treatment Fld	13.0	Conc	14.0	15.0 Inhibitor	16.0	17.0 onc	18.0	Sand Type	19.0	20.0 ize	21.0	22.0 ty	23.0
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	2.37	14.3	5					

236.93 lbm/bbl		24.0 BARITE, BULK (100003681)								
34 gal/bbl		25.0 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
2	ExpandaCem B2	EXPANDACEM (TM) SYSTEM		356	sack	13.8	1.68		5	7.73
7.73 Gal		26.0 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
3	Fresh Water	Fresh Water		174	bbl	8.3				
27.0	Cement Left In Pipe	Amount	ft		28.0	Reason		29.0	Shoe Joint	
Comment										