

1.2 Cementing Job Summary

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 340078		Ship To #: 3117292		Quote #:		Sales Order #: 0901770035				
Customer: ENCANA OIL & GAS (USA) INC. - EBUS						Customer Rep: NATE				
Well Name: DRIETH		Well #: 4E-6 H-1368		API/UWI #: 05-123-37620-00						
Field: WATTENBERG		City (SAP): BERTHOUD		County/Parish: WELD		State: COLORADO				
Legal Description: NE SE-6-3N-68W-2395FSL-560FEL										
Contractor:				Rig/Platform Name/Num: H&P 522						
Job BOM: 7523										
Well Type: HORIZONTAL GAS										
Sales Person: HALAMERICA/H117930				Srv Supervisor: BRANDON NIELSON						
Job										
Formation Name										
Formation Depth (MD)		Top		Bottom						
Form Type				BHST						
Job depth MD		11683ft		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	6.366	23		N-80	0	7573	0	0
Casing		4.5	3.92	13.5		P-110	0	11670	0	0
Open Hole Section			6.125				7573	11683	0	0
Tools and Accessories										
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make	
Guide Shoe	4.5			11670		Top Plug	4.5		HES	
Float Shoe	4.5					Bottom Plug	4.5		HES	
Float Collar	4.5					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 ft ³ /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 ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
2	ExpandaCem B2	EXPANDACEM (TM) SYSTEM	405	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 ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	Fresh Water	Fresh Water	170	bbl	8.3				
Cement Left In Pipe		Amount	3 ft		Reason			Shoe Joint	
Mix Water:			Mix Water Chloride:		Mix Water Temperature:				
Cement Temperature:			Plug Displaced by:		Disp. Temperature:				
Plug Bumped?			Bump Pressure:		Floats Held?				
Cement Returns:			Returns Density:		Returns Temperature:				
Comment									

- 1) PRESSURE TEST LINES AND PUMPS TO 4500PSI
- 2) 30 BBLS OF 12.5 PPG TUNE SPACER
- 3) 120.5 BBLS OR 405 SKS OF EXPANDCEM @ 13.8 PPG
- 4) SHUT DOWN, WASH PUMPS AND LINES
- 5) DROP DART
- 6) PUMP 1\4 BBL OF MMCR WATER
- 7) SHUT DOWN
- 8) DROP BALLS
- 9) PUMP 9.75 BBL MMCR WATER 163.8 BBLS FRESH WATER (LAST 20 BBLS SLOW TO 3BPM)
- 10) BUMP PLUG 500 OVER FINAL PRESSURE
- 11) CHECK FLOATS