

1.1 Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the **Horsetail 30F-1942** cement **Surface** casing job. A pre-job safety meeting was held before the job where details of the job were discussed, potential safety hazards were reviewed, and environmental compliance procedures were outlined.

Halliburton maintains a continuous quality improvement process and appreciates any comments or suggestions that you may have. Halliburton again thanks you for the opportunity to perform service work on this well. We hope to be your solutions provider for future projects.

Respectfully,

Halliburton [Brighton]

Job Times

	Date	Time	Time Zone
Called Out	10/13/2014	0800	MST
On Location	10/13/2014	1430	
Job Started	10/13/2014	2355	
Job Completed	10/14/2014	0201	
Departed Location	10/14/2014	0300	

1.2 Cementing Job Summary

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Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 366960	Ship To #: 3276747	Quote #: 0021904185	Sales Order #: 0901742440							
Customer: WHITING OIL & GAS CORP - EBUS		Customer Rep: BRADLY SHARP								
Well Name: HORSETAIL	Well #: 30F-1942	API/UWI #: 05-123-38740-00								
Field: WILDCAT	City (SAP): RAYMER	County/Parish: WELD	State: COLORADO							
Legal Description: SE NW-30-10N-57W-2323FNL-1890FWL										
Contractor: XTREME DRLG		Rig/Platform Name/Num: XTREME 18								
Job BOM: 7521										
Well Type: HORIZONTAL OIL		Surface Cement								
Sales Person: HALAMERICA/HX46524		Srv Supervisor: Joseph Romero								
Job										
Formation Name										
Formation Depth (MD)	Top	Bottom								
Form Type	BHST									
Job depth MD	1500ft	Job Depth TVD								
Water Depth		Wk Ht Above Floor								
Perforation Depth (MD)	From	To								
Well Data										
Description	New / Used	Size in	ID in	Weight lbrn/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing		10.75	10.05	40.5	LTC	J-55	0	1580		0
Open Hole Section			14.75				0	1597		0
Tools and Accessories										
Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make		
Guide Shoe	10.75			1580	Top Plug	10.75		HES		
Float Shoe	10.75				Bottom Plug	10.75		HES		
Float Collar	10.75				SSR plug set	10.75		HES		
Insert Float	10.75				Plug Container	10.75		HES		
Stage Tool	10.75				Centralizers	10.75		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 lbrn/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Fresh Water Spacer	Dye Water Spacer	20	bbl	8.33			6		
Fluid #										
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbrn/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
2	Lead Cement	SWIFCEM (TM) SYSTEM	738	sack	14.2	1.54		6	7.64	

last updated on 10/14/2014 2:54:45 AM

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Cementing Job Summary

7.64 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	Displacement	Displacement	151	bbl	8.33			6	
Cement Left in Pipe		Amount	42 ft		Reason			Shoe Joint	
Mix Water: pH ##		Mix Water: ## ppm Chloride:		Mix Water Temperature: ## °F °C					
Cement Temperature: ## °F °C		Plug Displaced by: ## lb/gal kg/m ³ XXXX			Disp. Temperature: ## °F °C				
Plug Bumped? Yes/No		Bump Pressure: ### psi MPa			Floats Held? Yes/No				
Cement Returns: ## bbl m ³		Returns Density: ## lb/gal kg/m ³			Returns Temperature: ## °F °C				
Comment									

2.0 Attachments

2.1 Case 1-Custom Results.png

