

Cementing Job Summary

Sold To #: 344912			Ship To #: 2654379			Quote #:			Sales Order #: 5910451				
Customer: PETRO-CANADA U.S.A E-BIZ						Customer Rep: Lively, Dave							
Well Name: Hollar			Well #: 30-43			API/UWI #: 05-123-26062-00							
Field: DJ			City (SAP):			County/Parish: Weld			State: Colorado				
Legal Description: Section 30 Township 7N Range 66W													
Job Purpose: Cement Surface Casing													
Well Type: Development Well				Job Type: Cement Surface Casing									
Sales Person: FRAZER, STEPHEN				Srvc Supervisor: GIBBS, JASON				MBU ID Emp #: 300487					
Job Personnel													
HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #		
CROSS, TIMOTHY Sheldon			416694	GIBBS, JASON Edwin			300487	RAMOS, REFUGIO Castro			435413		
SINCLAIR, RICHARD			368195	VASQUEZ, ALVARO A			401745						
Equipment													
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way		
10238639C	45 mile	10829457	45 mile	10857080	45 mile	10867419C	45 mile						
11064046	45 mile												
Job Hours													
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours		
TOTAL			Total is the sum of each column separately										
Job						Job Times							
Formation Name						Date		Time		Time Zone			
Formation Depth (MD) Top						Bottom		Called Out		28 - May - 2008 21:00 MST			
Form Type						BHST		On Location		28 - May - 2008 23:30 MST			
Job depth MD 883. ft						Job Depth TVD 883. ft		Job Started		29 - May - 2008 01:00 MST			
Water Depth						Wk Ht Above Floor 5. ft		Job Completed		29 - May - 2008 02:00 MST			
Perforation Depth (MD) From						To		Departed Loc		29 - May - 2008 03:00 MST			
Well Data													
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft		
Open Hole				12.25					883.		883.		
Surface Casing	New		8.625	8.097	24.		J-55		855.		855.		
Tools and Accessories													
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			
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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	

HALLIBURTON

Cementing Job Summary

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Water Spacer		30.00	bbl	8.33	.0	.0	.0		
2	Lead Cement	HALLIBURTON LIGHT STANDARD - SBM (12313)	350.0	sacks	13.08	1.7	8.7	5.0	8.7	
	3 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)								
	0.125 lbm	POLY-E-FLAKE (101216940)								
	8.7 Gal	FRESH WATER								
3	Tail Cement	CMT - STANDARD - TYPE II CEMENT (100064006)	100.0	sacks	15.8	1.17	5.0	5.0	5.0	
	94 lbm	CMT - STANDARD - TYPE II, BULK (100064006)								
	0.125 lbm	POLY-E-FLAKE (101216940)								
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)								
	5 Gal	FRESH WATER								
4	Displacement		53.00	bbl	8.33	.0	.0	.0		
Calculated Values			Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad		
Top Of Cement		5 Min		Cement Returns 29 bbl		Actual Displacement		Treatment		
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job		
Rates										
Circulating		Mixing		Displacement		Avg. Job				
Cement Left In Pipe		Amount	20 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID			
The Information Stated Herein Is Correct				Customer Representative Signature						

