

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 352220		Ship To #: 2883863		Quote #:		Sales Order #: 8539529	
Customer: COMET RIDGE USA INC				Customer Rep: Roe, Duane			
Well Name: Paiute			Well #: 34-29		API/UWI #: 05-043-06209		
Field: VERMEJO RANCH		City (SAP): COAL CREEK		County/Parish: Fremont		State: Colorado	
Contractor: ?			Rig/Platform Name/Num: ?				
Job Purpose: Cement Surface Casing							
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: FLING, MATTHEW			Srvc Supervisor: SALINAS, JOSE			MBU ID Emp #: 100319	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BARNES, BRIAN L	3	485204	DIRKS, RICHARD E	3	485940	OTERI, VAUGHN Steeves	3	443828
SALINAS, JOSE R	3	100319						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10857080C	100 mile	11527037	100 mile	11605597	100 mile	11667703C	100 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
10-11-11	3	1						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type			BHST	On Location	11 - Oct - 2011	11:30	MST
Job depth MD	560. ft		Job Depth TVD	Job Started	11 - Oct - 2011	12:30	MST
Water Depth			Wk Ht Above Floor	Job Completed	11 - Oct - 2011	13:40	MST
Perforation Depth (MD)	From		To	Departed Loc	11 - Oct - 2011	15:00	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					560		
Surface Casing	Unknown		8 625	8.097	24		J-55	560			

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

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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	8.34	.0	.0	4.0	
2	Trinidad Surface Blend 12#	TRINIDAD SURFACE BLEND - SBM (137081)	165.0	sacks	12.	2.62	14.52	5.0	14.52
0.125 lbm		POLY-E-FLAKE (101216940)							
5 lbm		KOL-SEAL, 50 LB BAG (100064232)							
14.52 Gal		FRESH WATER							
3	Trinidad Surface Blend 14#	TRINIDAD SURFACE BLEND - SBM (137081)	60.0	sacks	14.	1.67	7.93		7.93
0.125 lbm		POLY-E-FLAKE (101216940)							
5 lbm		KOL-SEAL, 50 LB BAG (100064232)							
7.93 Gal		FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe		Amount	0 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					

[Handwritten Signature]

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Cementing Job Log

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Well Name: Paiute			Well #: 34-29		API/UWI #: 05-043-06209		
Field: VERMEJO RANCH		City (SAP): COAL CREEK		County/Parish: Fremont		State: Colorado	
Legal Description:							
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.				Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.			
Contractor: ?			Rig/Platform Name/Num: ?				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: FLING, MATTHEW			Srv Supervisor: SALINAS, JOSE			MBU ID Emp #: 100319	

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	10/11/2011 11:30							
Pre-Job Safety Meeting	10/11/2011 12:15							
Test Lines	10/11/2011 12:31		2	2			3000.0	Test lines w/ water
Pump Spacer 1	10/11/2011 12:37		3	5			23.0	Pump 5 bbl of dye water for spacer
Pump Lead Cement	10/11/2011 12:39		5	77			25.0	Pump 165sks of Trinidad Surface Blend cmt @ 12.0.ppg (76.9 bbl)
Pump Tail Cement	10/11/2011 12:58		5	27			27.0	Pump 60 sks of Trinidad Surface Blend cmt @ 14.0 ppg (17.8 bbl)
Drop Top Plug	10/11/2011 13:12		0	0			.0	Drop top plug
Pump Displacement	10/11/2011 13:13		5				12.0	Pump 36.8 bbl of water for displacement
Other	10/11/2011 13:20		3	26			145.0	Slow rate down to bump plug
Bump Plug	10/11/2011 13:25		2	36			654.0	Bump plug w/ 500 psi over
Other	10/11/2011 13:26		0	0			805.0	TEST CASING FOR 10 MIN.
Release Casing Pressure	10/11/2011 13:39		0	0			.0	
Check Floats	10/11/2011 13:40		0	0			.0	
Pre-Rig Down Safety Meeting	10/11/2011 13:50							
Rig-Down Equipment	10/11/2011 14:00							
Depart Location Safety Meeting	10/11/2011 14:45							

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SUMMIT Version: 7.2.27

Tuesday, October 11, 2011 02:02:00

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Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Depart Location for Service Center or Other Site	10/11/2011 15:00							

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