

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 352220	Ship To #: 2880108	Quote #:	Sales Order #: 8490743
Customer: COMET RIDGE USA INC		Customer Rep:	
Well Name: Blue Marlin	Well #: 44-19	API/UWI #:	
Field: HERMES-ROCK FLORENCE - CANON CITY	City (SAP): WILLIAMSBURG	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		Srv Supervisor: SIPNEFSKI, ROBERT MBU ID Emp #: 419391	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BARRAS, JOSEPH Corey	12	405168	DIRKS, RICHARD E	7.5	485940	HALE, ROBERT E	7.5	470588
MARKOVICH, STEVEN Michael	7.5	502964	OTERI, VAUGHN Steeves	12	443828	SIPNEFSKI, ROBERT Anthony	7.5	419391
WHITE, SANDY Lynn	12	490476						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10857012C	150 mile	10951208	150 mile	10972458	150 mile	11064535	150 mile
11341988C	150 mile	11605597	150 mile	11667703C	150 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
10/3/11	7.5	5						

TOTAL Total is the sum of each column separately

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To
				BHST	840. ft	840. ft	4. ft			

Job Times

Date	Time	Time Zone
03 - Oct - 2011	06:00	MST
03 - Oct - 2011	12:00	MST
03 - Oct - 2011	14:04	MST
03 - Oct - 2011	20:19	MST
03 - Oct - 2011	21:30	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					840.		
Surface Casing	Unknown		9.625	9.211	32.3		J-55		840.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA		

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	

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Fluid Data									
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		10.00	bbl	8.34	.0	.0	4.0	
2	Trinidad Surface Blend 12#	TRINIDAD SURFACE BLEND - SBM (137081)	180.0	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)	50.0	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							
4	Premium 15.8#	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	100.0	sacks	15.8	1.15	5.0		5.0
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	5 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement	58BBL	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	5BPM	Displacement	5BPM	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 <i>[Signature]</i> 10/3/11 300-520					

HALLIBURTON**Cementing Job Log***The Road to Excellence Starts with Safety*

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Field: WILLIAMS BURG FLORENCE - CANYON CITY	City (SAP): WILLIAMSBURG	County/Parish: Fremont	State: Colorado
Legal Description:			
Lat:		Long:	
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: SIPNEFSKI, ROBERT MBU ID Emp #: 419391	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive At Loc	10/03/2011 11:30							ASSESS LOCATION FOR HAZARDS.
Rig-Up Equipment	10/03/2011 13:30							HELD PRE- RIG UP SAFETY MEETING.
Safety Meeting	10/03/2011 13:45							HELD SAFETY MEETING WITH ALL 3RD PARTY PERSONNEL.
Start Job	10/03/2011 14:04							
Test Lines	10/03/2011 14:06						1837.0	
Pump Spacer 1	10/03/2011 14:07		5	10			3.0	PUMP 10 BBL OF WATER SUPPLIED BY RIG.
Pump Lead Cement	10/03/2011 14:10		4	84			9.0	180SKS OF TRINIDAD SURFACE BLEND@ 12PPG MIXED WITH WATER SUPPLIED BY RIG.
Pump Tail Cement	10/03/2011 14:28		4	15			13.0	50 SKS OF TRINIDAD SURFACE BLEND @14PPG MIXED WITH WATER SUPPLIED BY RIG.
Shutdown	10/03/2011 14:35							
Clean Lines	10/03/2011 14:36							
Drop Top Plug	10/03/2011 14:42							
Pump Displacement	10/03/2011 14:43		5	58			17.0	PUMPED 58 BBL OF WATER SUPPLIED BY RIG.

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Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Bump Plug	10/03/2011 15:03		2				1050. 0	
Other	10/03/2011 16:37							CHECK FLOATS, FLOATS HELD.
Start Job	10/03/2011 18:43							PUMP TOP OUT CMT.
Pump Cement	10/03/2011 18:43		0.8	20			-6.0	100SKS OF PREMIUM G CMT MIXED WITH WATER SUPPLIED BY RIG. DID NOT SEE ANY CMT RETURN TO SURFACE.
Other	10/03/2011 19:24							WAIT ON CMT.
Pump Cement	10/03/2011 19:27		0.8	20			7.0	100SKS OF PREMIUM G CMT MIXED WITH WATER SUPPLIED BY RIG. DID NOT SEE CMT RETURN TO SURFACE.
End Job	10/03/2011 20:19							HELD PRE-RIG UP DOWN MEETING PREPARE FOR DEPARTURE.

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