

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 352220	Ship To #: 2846876	Quote #:	Sales Order #: 8080182
Customer: COMET RIDGE USA INC		Customer Rep:	
Well Name: Croaker	Well #: 11-10	API/UWI #: 05-043-06197	
Field:	City (SAP): FLORENCE	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: ROSALES, MATTHEW	MBU ID Emp #: 392095

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
COPELAND, GEORGE Willard	3	429242	FLYNN, SHAD Michael	3	476484	ROSALES, MATTHEW John	3	392095
STOEGER, KEITH A	3	486734						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10829456	175 mile	10988836C	175 mile	11341988C	175 mile	11527037	175 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
04/03/11	3	1.5						
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	03 - Apr - 2011	09:30	MST
Job depth MD	600. ft		Job Depth TVD	03 - Apr - 2011	15:00		MST
Water Depth			Wk Ht Above Floor	03 - Apr - 2011	16:02		MST
Perforation Depth (MD)	From		To	Job Completed	03 - Apr - 2011	16:42	MST
				Departed Loc	03 - Apr - 2011	18:00	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					620.		
Surface Casing	Unknown		8.025	8.097	24.		J-55		591.3		

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 #3/ek	Mix Fluid Gal/ek	Rate bbl/min	Total Mix Fluid Gal/ek
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Stage/Plug #: 1

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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		5.00	bbl	8.34	.0	.0	4.0	
2	Trinidad Surface Blend 12#	TRINIDAD SURFACE BLEND - SBM (137081)	134.0	sacks	12.	2.62	14.52	5.0	14.52
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5 lbm	KOL-SEAL, 50 LB BAG (100084232)							
	14.52 Gal	FRESH WATER							
3	Trinidad Surface Blend 14#	TRINIDAD SURFACE BLEND - SBM (137081)	100.0	sacks	14.	1.67	7.93		7.93
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5 lbm	KOL-SEAL, 50 LB BAG (100084232)							
	7.93 Gal	FRESH WATER							
4	Premium 15.8#	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)		sacks	15.8	1.17	5.02		5.02
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	5.02 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement	35.5	Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	35.5	Actual Displacement	36	Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	33.22 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					

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Cementing Job Log

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Sold To #: 352220	Ship To #: 2846876	Quote #:	Sales Order #: 8080182
Customer: COMET RIDGE USA INC		Customer Rep:	
Well Name: Croaker	Well #: 11-10	API/UWI #: 05-043-06197	
Field:	City (SAP): FLORENCE	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: ROSALES, MATTHEW/MBU ID Emp #: 392095	

Activity Description	Date/Time	Cnt #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Start Job	04/03/2011 14:06							
Pump Water	04/03/2011 14:06		1		1		15.0	FILL LINES
Test Lines	04/03/2011 14:06		0.5		0.5		1782. 0	
Arrive At Loc	04/03/2011 15:00							
Assessment Of Location Safety Meeting	04/03/2011 15:05							
Other	04/03/2011 15:10							SPOT TRUCKS
Pre-Rig Up Safety Meeting	04/03/2011 15:15							
Rig-Up Equipment	04/03/2011 15:20							
Rig-Up Completed	04/03/2011 15:45							
Pre-Job Safety Meeting	04/03/2011 15:50							
Circulate Well	04/03/2011 16:05		5		5		15.0	WATER SPACER
Pump Cement	04/03/2011 16:07		5		65.5		35.0	12#/GAL SLURRY MIXED WITH WATER PROVIDED BY RIG
Pump Tail Cement	04/03/2011 16:19		5		29.7		65.0	14#/GAL SLURRY MIXED WITH WATER PROVIDED BY RIG
Drop Plug	04/03/2011 16:30							
Pump Displacement	04/03/2011 16:31		5		36		142.0	PUMPED .5BBL OVER THEORETICAL DISPLACEMENT PLUG DID NOT BUMP
Activity Description	Date/Time	Cnt	Rate bbl/ min	Volume bbl		Pressure psig		Comments

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Quote #:

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SUMMIT Version: 7.20.130

Sunday, April 03, 2011 05:23:00

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Cementing Job Log

		#		Stage	Total	Tubing	Casing	
End Job	04/03/2011 16:42							SHUT IN WELL COMPANY MAN DID NOT THINK FLOATS HELD
Rig-Down Equipment	04/03/2011 16:45							
Rig-Down Completed	04/03/2011 17:50							
Pre-Convoy Safety Meeting	04/03/2011 18:00							
Depart Location for Service Center or Other Site	04/03/2011 18:00							

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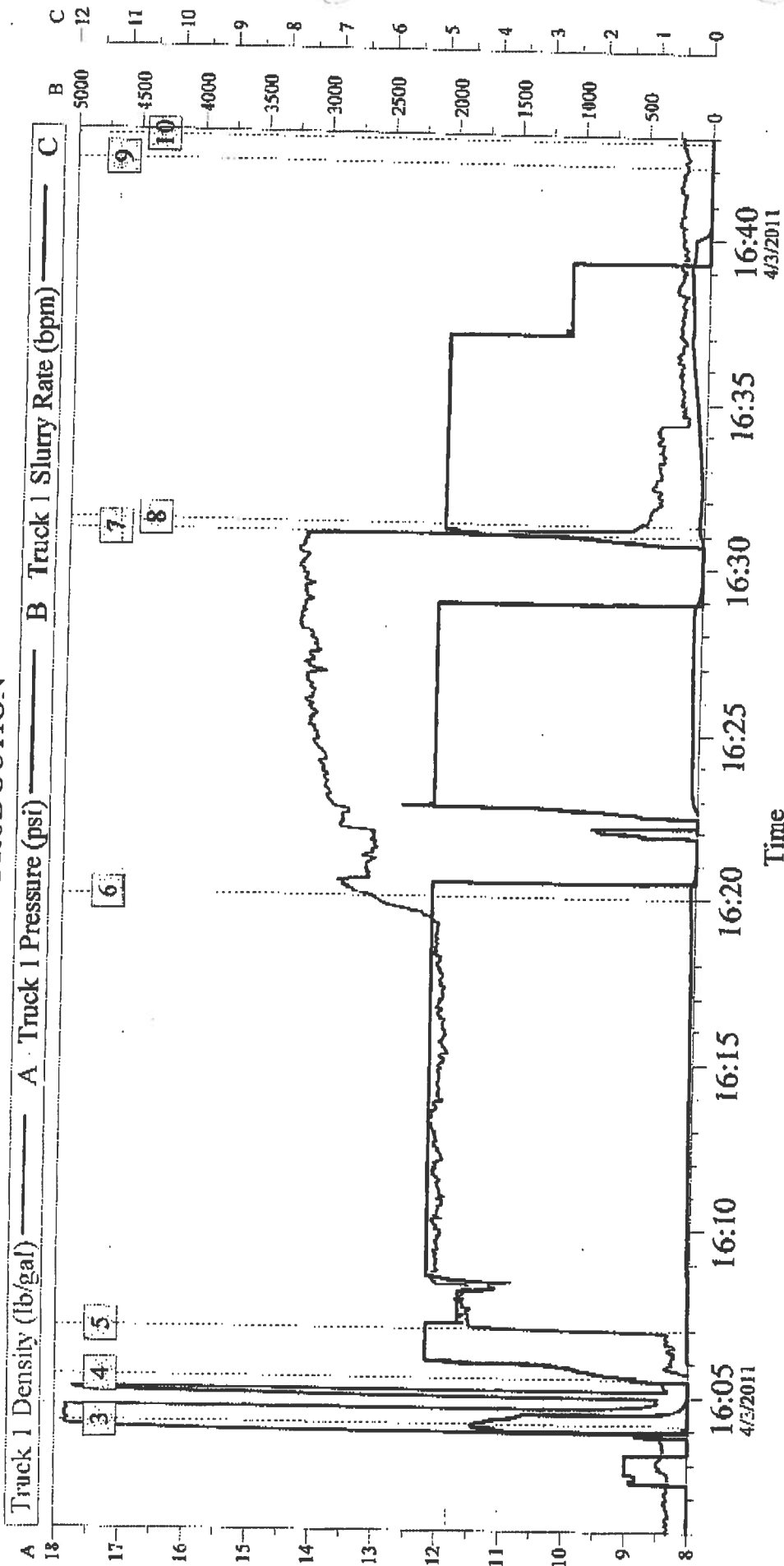
Quote # :

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SUMMIT Version: 7.20.130

Sunday, April 03, 2011 05:23:00

COMET RIDGE - CROAKER 11-10 AFE 10316 D 300-520 8 5/8" PRODUCTION



Global Event Log

Intersection	T1P	Intersection	T1P	Intersection	T1P
3 Test Lines	16:04:09 1712	4 Pump Spacer 1	16:05:31 -8.000	5 Pump Lead Cement	16:07:01 12.00
6 Pump Tail Cement	16:19:59 40.00	7 Drop Top Plug	16:30:57 15.63	8 Pump Displacement	16:31:15 36.00
9 Bump Plug	16:42:09 -5.000	10 End Job	16:42:50 -5.000		

Customer: COMET RIDGE

Well Description: CROAKER 11-10 AFE 10316 D 300-520

Job Date: 03-Apr-2011

UWI: 05-043-06197

Sales Order #: 808012

OptiCem v6.4.10
03-Apr-11 16:49