

The Road to Excellence Starts with Safety

Sold To #: 352220	Ship To #: 2823552	Quote #:	Sales Order #: 7819808
Customer: COMET RIDGE USA INC		Customer Rep: Felman, Moe	
Well Name: Naos State	Well #: 32-4	API/UWI #: 05-041-06063	
Field: WILD CAT	City (SAP): FOUNTAIN	County/Parish: El Paso	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: ELENBURG 11	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FLING, MATTHEW		Srv Supervisor: SALDIVAR, JUAN	MBU ID Emp #: 100534

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive At Loc	12/06/2010 01:00							
Safety Huddle	12/06/2010 01:15							
Rig-Up Equipment	12/06/2010 01:30							
Wait on Customer or Customer Sub-Contractor Equip	12/06/2010 01:45							WAITING ON CASING.
Other	12/06/2010 05:00							STAB P.C.
Safety Meeting	12/06/2010 05:25							
Test Lines	12/06/2010 05:26						2000.0	
Pump Spacer	12/06/2010 05:28		5	25			75.0	WATER
Pump Lead Cement	12/06/2010 05:33		5	62			81.0	200 SKS. @ 13.1#
Pump Tail Cement	12/06/2010 05:44		5	21			145.0	100 SKS. @15.8#
Drop Top Plug	12/06/2010 05:50							
Pump Displacement	12/06/2010 05:51		5	28			139.0	WATER
Shutdown	12/06/2010 06:00						150.0	FLOATS HELD. 28 BBLs OF CMT UP. WE DID NOT BUMP PLUG.
Safety Huddle	12/06/2010 06:05							
Rig-Down Equipment	12/06/2010 06:10							
Job Complete	12/06/2010 07:00							

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Worked to Exclusion Starts with Safety

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Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
MAHONEY, KELLAN Carl	4	476531	PAUMEN, CORD Anthony	4	453759	SALDIVAR, JUAN R	4	100534
WARD, SAMUEL Winfield	4	478713						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10829456	125 mile	11362287R P	125 mile	11106656	125 mile	110644535	125 mile

Job 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	05 - Dec - 2010	20:00	MST
Form Type	BHST			On Location	06 - Dec - 2010	01:00	MST
Job depth MD	487.9 ft	Job Depth TVD	487.9 ft	Job Started	06 - Dec - 2010	05:20	MST
Water Depth		Wk Ht Above Floor	4. ft	Job Completed	06 - Dec - 2010	06:00	MST
Perforation Depth (MD)	From		To	Departed Loc	06 - Dec - 2010	07:00	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				.	487.9		
Conductor Casing	Unknown		16.	15.376	55.			.	149.		
Surface Casing	Unknown		8.625	8.097	24.		J-55	.	486.9		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 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	8 5/8	1	HSE
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 ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Spacer		25.00	bbl	8.33	.0	.0	4.0	
2	Lead Cement 13.1#	HALLIBURTON LIGHT STANDARD - SBM (12313)	200.0	sacks	13.1	1.73	8.91	5.0	8.91
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	8.914 Gal	FRESH WATER							
3	Tail Cement 15.8#	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	100.0	sacks	15.8	1.16	4.98	4.0	4.98
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	4.978 Gal	FRESH WATER							
4	WATER		28.00	bbl	8.33			.0	
5	15.8# Cement	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)		sacks	15.8	1.15	4.99	2.0	4.99
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	4.989 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry	82	Pad	
Top Of Cement		5 Min		Cement Returns	28	Actual Displacement	28	Treatment	
Frac Gradient		15 Min		Spacers	25	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	5	Displacement	4	Avg. Job			
Cement Left In Pipe	Amount	44 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					

COMET RIDGE USA INC. NAOS STATE #32-4

8 5/8 SURFACE

