

The Road to Excellence Starts with Safety

Sold To #: 304535		Ship To #: 2876316		Quote #:		Sales Order #: 8445176	
Customer: PDC ENERGY EBUS				Customer Rep: Lefore, Tom			
Well Name: Cervi		Well #: 31-4		API/UWI #: 05-123-23368			
Field:		City (SAP): KERSEY		County/Parish: Weld		State: Colorado	
Lat: N 40.26 deg. OR N 40 deg. 15 min. 37.102 secs.				Long: W 104.441 deg. OR W -105 deg. 33 min. 33.098 secs.			
Contractor: BWS		Rig/Platform Name/Num: #17					
Job Purpose: Plug to Abandon Service							
Well Type: Development Well		Job Type: Plug to Abandon Service					
Sales Person: FLING, MATTHEW		Srvc Supervisor: LAVALLEY, LARRY		MBU ID Emp #: 419296			
Job Personnel							
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs
FLYNN, SHAD	2	476484	LAVALLEY, LARRY P	2	419296	MCCAY, ADAM	2
Michael							498253
OTERI, VAUGHN	2	443828	RAMOS, REFUGIO	2	435413	SNYDER, JONATHAN	2
Steeves			Castro			Leroy	435616
Equipment							
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10948695	57 mile	11019824C	57 mile	11488570C	57 mile	11518549	57 mile
Job Hours							
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours
9/2/11	2	.5					
TOTAL		Total is the sum of each column separately					
Job				Job Times			
Formation Name				Date		Time	
Formation Depth (MD)		Top	Bottom	Called Out		02 - Sep - 2011 04:00 MST	
Form Type		BHST		On Location		02 - Sep - 2011 07:30 MST	
Job depth MD		700. ft		Job Started		02 - Sep - 2011 00:00 MST	
Water Depth		Wk Ht Above Floor		Job Completed		02 - Sep - 2011 00:00 MST	
Perforation Depth (MD)		From	To	Departed Loc		02 - Sep - 2011 00:00 MST	
Well Data							
Description		New / Used	Max pressure	Size in	ID in	Weight lbm/ft	Thread
Production Casing		Unknown		4.5	4.052	10.5	
Surface Casing		Unknown		8.625	8.097	24.	
Tools and Accessories							
Type	Size	Qty	Make	Depth	Type	Size	Qty
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		Conc		Surfactant	Conc	Acid Type
Treatment Fld	Conc		Conc		Inhibitor	Conc	Sand Type
							Qty
							Conc
							%

Stage/Plug #: 1										Fluid Data				
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	Clay/Fix III Water Spacer		0.00	bbl	8.33	.0	42.0	2.0						
2	MUD FLUSH III	MUD FLUSH III - SBM (528788)	0.00	bbl	.	.0	.0	.0						
3	Caly/Fix III Water Spacer		0.00	bbl	8.33	.0	42.0	2.0						
59.525 gal/Mgal														
4	Premium G 15.8#	CLAY/FIX 3, TOTETANK (101583425)												
		CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	288.0	sacks	15.8	1.15	4.99	3.0	4.99					
		94 lbm												
		CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)												
		4.99 Gal												
		FRESH WATER												
Calculated Values			Pressures			Volumes								
Displacement	1	Shut In: Instant	325	Lost Returns		Cement Slurry	59	Pad						
Top Of Cement		5 Min		Cement Returns	9	Actual Displacement	1	Treatment						
Frac Gradient		15 Min		Spacers	1	Load and Breakdown		Total Job	61					
Rates														
Circulating		Mixing	3	Displacement	3	Avg. Job			3					
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	ID	ID					
The Information Stated Herein Is Correct														
Customer Representative Signature														