

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 304535		Ship To #: 2876911		Quote #:		Sales Order #: 8453901								
Customer: PDC ENERGY EBUS				Customer Rep: Lefore, Tom										
Well Name: Cervi		Well #: 21-10		API/UWI #: 05-123-23371										
Field:		City (SAP): KERSEY		County/Parish: Weld		State: Colorado								
Lat: N 40.246 deg. OR N 40 deg. 14 min. 46.201 secs.				Long: E 104.426 deg. OR E 104 deg. 25 min. 33.899 secs.										
Contractor: BWS		Rig/Platform Name/Num: #7												
Job Purpose: Plug to Abandon Service														
Well Type: Development Well		Job Type: Plug to Abandon Service												
Sales Person: FLING, MATTHEW		Srv Supervisor: LAVALLEY, LARRY		MBU ID Emp #: 419296										
Job Personnel														
HES Emp Name		Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	Emp #							
BARNES, BRIAN L		5	485204	FLYNN, SHAD Michael		5	476484	LAVALLEY, LARRY P	5	419296				
SANSONI, NICK		5	502962											
Equipment														
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way							
10241536C	57 mile	11488570C	57 mile	11518549	57 mile	11633848	57 mile							
Job Hours														
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours						
9/7/11	5	2.5												
TOTAL		Total is the sum of each column separately												
Formation Name			Job			Job Times								
Formation Depth (MD)		Top	Bottom		Called Out		Date		Time	Time Zone				
Form Type		BHST		On Location		07 - Sep - 2011		04:00	MST					
Job depth MD		500. ft	Job Depth TVD		500. ft	Job Started		07 - Sep - 2011	08:43	MST				
Water Depth		Wk Ht Above Floor		. ft	Job Completed		07 - Sep - 2011	12:13	MST					
Perforation Depth (MD)		From	To		Departed Loc		07 - Sep - 2011	13:00	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		
Production Casing		Unknown		4.5	4.052	10.5		J-55		5628.				
Surface Casing		Unknown		8.625	8.097	24.		J-55		592.				
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			

HALLIBURTON

Cementing Job Summary

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	Clay/Fix III Water Spacer			0.00	bbl	.	.0	.0	.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	.	.0	.0	.0				
59.525 gal/Mgal		CLAYFIX 3, TOTETANK (101583425)											
4	Premium G 15.8#	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)		320.0	sacks	15.8	1.15	4.99	2.0	4.99			
94 lbm		CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)											
4.99 Gal		FRESH WATER											
Calculated Values				Pressures		Volumes							
Displacement	21	Shut In: Instant		Lost Returns	0	Cement Slurry		70	Pad				
Top Of Cement		5 Min		Cement Returns	8	Actual Displacement		21	Treatment				
Frac Gradient		15 Min		Spacers	38	Load and Breakdown			Total Job	135			
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 @	
The Information Stated Herein Is Correct						Customer Representative Signature							