

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 304535	Ship To #: 2859357	Quote #:	Sales Order #: 8242505
Customer: PDC ENERGY EBUS	Customer Rep: SAILORS, CHAD		
Well Name: Wells Ranch	Well #: 41-5	API/UWI #: 05-123-21804	
Field:	City (SAP): KERSEY	County/Parish: Weld	State: Colorado
Job Purpose: Recement Service			
Well Type: Development Well	Job Type: Recement Service		
Sales Person: FLING, MATTHEW	Srvc Supervisor: KELEHER, JASON	MBU ID Emp #: 437348	

Job Personnel							
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs
BORDEN, RYAN	4.5	476216	KELEHER, JASON E	4.5	437348	NIELSON, BRANDON K	4.5

Equipment							
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10679720C	54 mile	11360865C	54 mile	11486570C	54 mile	11518548	54 mile

Job Hours							
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours
6-13-11	4.5	2					
TOTAL		Total is the sum of each column separately					

Job Times							
Formation Name	Top	Bottom	Called Out	On Location	Job Started	Job Completed	Departed Loc
Formation Depth (MD)			13 - Jun - 2011 03:00	13 - Jun - 2011 06:30	13 - Jun - 2011 07:54	13 - Jun - 2011 10:19	13 - Jun - 2011 11:00
Form Type		BHST					
Job depth MD	2926. ft	Job Depth TVD	2926. ft	Job Started	13 - Jun - 2011 07:54	13 - Jun - 2011 10:19	13 - Jun - 2011 11:00
Water Depth		Wk Ht Above Floor		Job Completed	13 - Jun - 2011 10:19	13 - Jun - 2011 10:19	13 - Jun - 2011 11:00
Perforation Depth (MD)	From	To		Departed Loc	13 - Jun - 2011 11:00	13 - Jun - 2011 11:00	13 - Jun - 2011 11:00

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				9.				411.	2350.		
Production Casing	Unknown		4.5	4.052	10.5		J-55		6930.		
Surface Casing	Unknown		8.625	8.097	24.		J-55		411.		
TUBING	Unknown		1.25	.671	3.02				2926.		

Tools and Accessories											
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size
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	Size	Qty				

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

