

The Road to Excellence Starts with Safety

Sold To #: 344659		Ship To #: 2879648		Quote #:		Sales Order #: 8518824	
Customer: CHESAPEAKE OPERATING INC EBUSINESS				Customer Rep:			
Well Name: Hoff			Well #: 6-62 15-1H			API/UWI #:	
Field:		City (SAP): GREELEY		County/Parish: Weld		State: Colorado	
Contractor: CYCLONE			Rig/Platform Name/Num: Cyclone 26				
Job Purpose: Cement Production Casing							
Well Type: Development Well			Job Type: Cement Production Casing				
Sales Person: FLING, MATTHEW			Srvc Supervisor: SALINAS, JOSE			MBU ID Emp #: 100319	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BOETTIGER, MARK		500519	BOURGEOIS, KEVIN Paul		459092	DIRKS, RICHARD E		485940
MEADOWS, DANIEL Graham		500668	OTERI, VAUGHN Steeves		443828	PAUMEN, CORD Anthony		453759
SALINAS, JOSE R		100319						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025030	60 mile	10025042	60 mile	10246780C	60 mile	10679720C	60 mile
10804557C	60 mile	10824253C	60 mile	10866497C	60 mile	10988836C	60 mile
11338223	60 mile	11532299	60 mile	11532305	60 mile	11562562	60 mile
11605597	60 mile	11611896C	60 mile	11667703C	60 mile	11764739	60 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL			<i>Total is the sum of each column separately</i>					

Job

Formation Name					Job Times			
Formation Depth (MD)	Top	Bottom			Called Out	Date	Time	Time Zone
Form Type		BHST			On Location	02 - Oct - 2011	00:00	MST
Job depth MD	11650. ft	Job Depth TVD	11650. ft		Job Started	03 - Oct - 2011	03:00	MST
Water Depth		Wk Ht Above Floor	3. ft		Job Completed	03 - Oct - 2011	11:30	MST
Perforation Depth (MD)	From	To			Departed Loc	03 - Oct - 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
7 7/8" Open Hole				7.875				8000.	11650.	.	.
8 3/4" Open Hole				8.75				.	8000.	.	.
4 1/2" Production Casing	New		4.5	4.	11.6		P-110	8000.	11650.	.	.
5 1/2" Production Casing	New		5.5	4.892	17.		P-110	.	8000.	.	.
9 5/8" Surface Casing	New		9.625	8.835	40.		J-55	.	1250.		

HALLIBURTON

Sales/Rental/3rd Party (HES)

Sales/Rental/3 rd Party (HES)															
Description								Qty	Qty uom	Depth	Supplier				
PLUG,CMTG,TOP,5-1/2 X 4-1/2 HWE,3.65MIN								1	EA						
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 ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk				
1	Water				40.00	bbl	8.33	.0	.0	6.0					
2	Varicem 12#	VARICEM (TM) CEMENT (452009)			440.0	sacks	12.	2.2	12.27	6.0	12.27				
12.27 Gal		FRESH WATER													
3	Econocem B2 14.6#	EXPANDACEM (TM) SYSTEM (452979)			1065.0	sacks	14.6	1.46	6.1	6.0	6.1				
6.1 Gal		FRESH WATER													
4	Water Displacement				200.00	bbl	8.33			6.0					
Calculated Values			Pressures			Volumes									
Displacement		Shut In: Instant			Lost Returns		Cement Slurry		Pad						
Top Of Cement		5 Min			Cement Returns		Actual Displacement		Treatment						
Frac Gradient		15 Min			Spacers		Load and Breakdown		Total Job						
Rates															
Circulating		Mixing		Displacement		Avg. Job									
Cement Left In Pipe		Amount	84 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										