

The Road to Excellence Starts with Safety

Sold To #: 344659		Ship To #: 2904431		Quote #:		Sales Order #: 9300885	
Customer: CHESAPEAKE OPERATING INC EBUSINESS				Customer Rep: ROGHAIR, JOHN			
Well Name: State			Well #: 16-3-61 1H			API/UWI #: 05-123-34991	
Field:		City (SAP): MASTERS		County/Parish: Weld		State: Colorado	
Lat: N 40.232 deg. OR N 40 deg. 13 min. 53.49 secs.				Long: E 104.209 deg. OR E 104 deg. 12 min. 32.321 secs.			
Contractor: SST			Rig/Platform Name/Num: 53				
Job Purpose: Cement Production Casing							
Well Type: Development Well			Job Type: Cement Production Casing				
Sales Person: FLING, MATTHEW			Srvc Supervisor: SNYDER, JONATHAN			MBU ID Emp #: 435616	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
HELMICK, MATTHEW James	4.0	507553	MEADOWS, DANIEL Graham	7.0	500668	MILLER, GEOFFREY Alan	7.0	460232
PAUMEN, CORD Anthony	7.0	453759	RAMOS, REFUGIO Castro	8.0	435413	ROMERO, JOSEPH Michael	4.0	512137
SNYDER, JONATHAN Leroy	7.0	435616						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025030	45 mile	10679720C	45 mile	10724567C	45 mile	10857080C	45 mile
10867419C	45 mile	11064046C	45 mile	11360865C	45 mile	11362287C	45 mile
11398319	45 mile	11532299	45 mile	11562544C	45 mile	11562570C	45 mile
11611900C	45 mile	11630991C	45 mile	5707C	45 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

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To
				BHST	10572. ft	10572. ft				
						5. ft				

Job Times

Called Out	Date	Time	Time Zone
On Location	25 - Feb - 2012	09:00	MST
Job Started	25 - Feb - 2012	12:30	MST
Job Completed	25 - Feb - 2012	16:08	MST
Job Completed	25 - Feb - 2012	18:44	MST
Departed Loc	25 - Feb - 2012	19:30	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				8.75				830.	10527.	.	.
Production Casing	New		4.5	4.	11.6		P-110	5767.	10527.	.	.
Production Casing	Unknown		5.5	4.892	17.		P-110	.	5767.	.	.

Description	New / Used	Max pressure	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft				
Surface Casing	New		9.625	8.835	40.		J-55	.	830.						
Sales/Rental/3rd 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	.0				
2	Varicem 12.0#	VARICEM (TM) CEMENT (452009)				405.0	sacks	12.	2.2	12.27	5.0	12.27			
	12.27 Gal	FRESH WATER													
3	EXPANDACEM B2	EXPANDACEM (TM) SYSTEM (452979)				1325.0	sacks	14.6	1.46	6.1	5.0	6.1			
	6.1 Gal	FRESH WATER													
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	93 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									