

Cementing Job Summary

Sold To #: 344659	Ship To #: 2849776	Quote #:	Sales Order #: 8125710
Customer: CHESAPEAKE OPERATING INC EBUSINESS		Customer Rep: Coen, Craig	
Well Name: Wagner		Well #: 11-65 11-1H	API/UWI #: 05-123-33110
Field:	City (SAP): GREELEY	County/Parish: Weld	State: Colorado
Legal Description: Section 11 Township 11N Range 65W			
Contractor: Cylcone Drilling		Rig/Platform Name/Num: Rig 26	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: COLLINS, JAMES		Srvs Supervisor: ASIRE, JAMES	MBU ID Emp #: 338832

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ASIRE, JAMES M	20	338832	GAINES, ALBERT D	20	376241	OZBUN, RYAN	20	475709
PICKELL, CHRISTOPHER	20	396838	WHITE, SANDY	20	490476			

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025106	255 mile	10025110	255 mile	10243541	255 mile	10243551	255 mile
10572220	255 mile	10636015	255 mile	10822521	255 mile	10825410	255 mile

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
5/7/11	12.5	0	5/8/11	4	4			

Job	Job Times
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Formation Name						Date	Time	Time Zone	
Formation Depth (MD)		Top	Bottom			Called Out	07 - May - 2011	02:00	MST
Form Type		BHST		90 degF		On Location	07 - May - 2011	08:00	MST
Job depth MD		1000. ft		Job Depth TVD	1000. ft	Job Started	08 - May - 2011	00:39	MST
Water Depth		Wk Ht Above Floor		4. ft		Job Completed	08 - May - 2011	02:44	MST
Perforation Depth (MD)		From	To			Departed Loc	08 - May - 2011	04:00	MST

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
12 1/4" Open Hole Section				12.25				0	1000.		
9 5/8" Surface Pipe	New		9.625	8.835	40.		J-55	0	1000.		

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			

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

HALLIBURTON

Cementing Job Summary

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	Spacer	Fresh Water	40.00	bbl	8.33				
2	Lead Cement	SWIFTCEM	190.0	sacks	12.	2.47	14.56		14.56
3	Tail Cement	SWIFTCEM	110.0	sacks	13.	1.94	10.6		10.6
4	Displacement	Fresh Water	72.00	bbl	8.33				
5	Top Out Cement	CMT - PREMIUM - CLASS G	50.0	sacks	15.8	1.17	5.02		5.02
2 %		CALCIUM CHLORIDE							
Calculated Values		Pressures		Volumes					
Displacement	73	Shut In: Instant		Lost Returns	No	Cement Slurry	127	Pad	
Top Of Cement	Surface	5 Min		Cement Returns	32	Actual Displacement	72	Treatment	
Frac Gradient		15 Min		Spacers	40	Load and Breakdown		Total Job	239
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	43 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					