

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 344659	Ship To #: 2852848	Quote #:	Sales Order #: 8158055
Customer: CHESAPEAKE OPERATING INC EBUSINESS	Customer Rep: C, Walter		
Well Name: Wagner	Well #: 11-65 9-1H	API/UWI #:	
Field:	City (SAP): CARR	County/Parish: Weld	State: Colorado
Legal Description: Section 9 Township 11N Range 65W			
Contractor: Cylcone Drilling	Rig/Platform Name/Num: Rig 11		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: COLLINS, JAMES	Srv Supervisor: ASIRE, JAMES	MBU ID Emp #:	338832

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ASIRE, JAMES M	4.5	338832	GAINES, ALBERT D	4.5	376241	OZBUN, RYAN	4.5	475709
PICKELL, CHRISTOPHER	4.5	396838	WHITE, SANDY	4.5	490476			

Equipment

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

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
5/7/11	4.5	4.5						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	07 - May - 2011	10:00	MST
Form Type	BHST	90 degF	Job Started	07 - May - 2011	18:00	MST
Job depth MD	1000. ft	Job Depth TVD	Job Started	07 - May - 2011	19:20	MST
Water Depth		Wk Ht Above Floor	Job Completed	07 - May - 2011	21:30	MST
Perforation Depth (MD)	From	To	Departed Loc	07 - May - 2011	22:30	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
12 1/4" Open Hole Section				12.25				60.	1000.		
16" Conductor	Used		16.	15.198	70.		J-55	0	60.		
9 5/8" Surface Pipe	New		9.625	8.835	40.		J-55	0	1000.		

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	

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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	71.00	bbl	8.33				
5	Top Out Cement	CMT - PREMIUM - CLASS G	40.0	sacks	15.8	1.17	5.02		5.02
2 %		CALCIUM CHLORIDE							
Calculated Values		Pressures		Volumes					
Displacement	71	Shut In: Instant		Lost Returns	NO	Cement Slurry	118	Pad	
Top Of Cement	Surface	5 Min		Cement Returns	16	Actual Displacement	71	Treatment	
Frac Gradient		15 Min		Spacers	40	Load and Breakdown		Total Job	229
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					