
WILLIAMS PRODUCTION RMT INC - EBUS

PA 522-7
PARACHUTE
Garfield County , Colorado

Cement Surface Casing
23-Aug-2011

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2870275	Quote #:	Sales Order #: 8373917
Customer: WILLIAMS PRODUCTION RMT INC - EBUS	Customer Rep: Nicholas, Larry		
Well Name: PA	Well #: 522-7	API/UWI #: 05-045-20165	
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.456 deg. OR N 39 deg. 27 min. 23.198 secs.	Long: W 108.044 deg. OR W -109 deg. 57 min. 22.223 secs.		
Contractor: Nabors Industries LTD.	Rig/Platform Name/Num: Nabors 574		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: KOHL, KYLE	Srv Supervisor: SMITH, CHRISTOPHER	MBU ID Emp #: 452619	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
HAYES, JESSE Doug	5.5	403601	LEIST, JAMES R	5.5	362787	SALAZAR, PAUL Omar	5.5	445614
SMITH, CHRISTOPHER Scott	5.5	452619						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10616651C	60 mile	10784080	60 mile	10804579	60 mile	10995025	60 mile
11259882	60 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
08.23.2011	5.5	1						

TOTAL Total is the sum of each column separately

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Job Type	Job depth MD	Water Depth	Perforation Depth (MD)	From	To
		0	987	BHST	987. ft				
				Job Depth TVD	987. ft	Wk Ht Above Floor			
						4. ft			
				Job Started		Job Completed			
						23 - Aug - 2011			
				Deparred Loc		23 - Aug - 2011			

Job Times

Date	Time	Time Zone
23 - Aug - 2011	05:00	MST
23 - Aug - 2011	09:30	MST
23 - Aug - 2011	13:11	MST
23 - Aug - 2011	13:56	MST
23 - Aug - 2011	15:00	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
13 1/2" Open Hole				13.5				.	987.		
9 5/8" Surface Casing	New		9.625	9.001	32.3		H-40	.	967.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9.625	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9.625	1	HES
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 Spacer		20.00	bbl	8.33	.0	.0	4	
2	VersaCem Tail	VERSACEM (TM) SYSTEM (452010)	270.0	sacks	12.8	2.11	11.75	8	11.75
11.75 Gal		FRESH WATER							
3	Displacement Fluid		73.00	bbl	8.34	.0	.0	10	
Calculated Values		Pressures		Volumes					
Displacement	72.8	Shut In: Instant		Lost Returns	0	Cement Slurry	101.5	Pad	
Top Of Cement		5 Min		Cement Returns	23	Actual Displacement	72.5	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	195
Rates									
Circulating	RIG	Mixing	8	Displacement	10	Avg. Job	9		
Cement Left In Pipe	Amount	42 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					

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Legal Description:			
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Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: KOHL, KYLE		Srv Supervisor: SMITH, CHRISTOPHER	MBU ID Emp #: 452619

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	08/23/2011 05:00							
Pre-Convoy Safety Meeting	08/23/2011 08:30							WITH ALL HES PERSONNEL
Arrive At Loc	08/23/2011 09:30							
Pre-Rig Up Safety Meeting	08/23/2011 12:30							WITH ALL ON HES PERSONNEL
Rig-Up Completed	08/23/2011 12:55							
Pre-Job Safety Meeting	08/23/2011 13:00							WITH ALL ON LOCATION PERSONNEL
Start Job	08/23/2011 13:11							TD 987', TP 967', SJ 42', OH 13.5", CSG 9.625" 32.3#, MUD 10.5 PPG
Pressure Test	08/23/2011 13:13		0.5	0.5				LOW PRESSURE TEST, ALL LINES HELD 1208 PSI
Pressure Test	08/23/2011 13:15		0.5	0.5				HIGH PRESSURE TEST, ALL LINES HELD 2930 PSI
Pump Spacer	08/23/2011 13:18		4	20			107.0	FRESH WATER
Pump Tail Cement	08/23/2011 13:23		8	101.5			400.0	270 SKS, 12.8 PPG, 2.11 FT3/SK, 11.75GAL/SK
Shutdown	08/23/2011 13:38							
Drop Top Plug	08/23/2011 13:40							COMP. REP. VERIFIED PLUG WENT, WASH UP ON TOP OF PLUG PER COMP. REP. REQUEST.

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	08/23/2011 13:41		10	62.8			550.0	
Slow Rate	08/23/2011 13:50		4	10			230.0	
Bump Plug	08/23/2011 13:54						750.0	PLUG BUMPED
Check Floats	08/23/2011 13:56							FLOATS HELD
End Job	08/23/2011 13:57							GOOD CIRCULATION THROUGHOUT JOB, 23 BBLs OF CEMENT TO SURFACE, PIPE WAS NOT MOVED DURING THE JOB.
Pre-Rig Down Safety Meeting	08/23/2011 14:00							WITH ALL HES PERSONNEL
Rig-Down Completed	08/23/2011 14:45							
Pre-Convoy Safety Meeting	08/23/2011 14:55							WITH ALL HES PERSONNEL
Comment	08/23/2011 15:00							THANKYOU FOR USING HALLIBURTON CEMENT, CHRIS SMITH AND CREW

Customer:	WILLIAMS	Job Date:	23-Aug-2011	Sales Order #:	8373917
Well Description:	PA 522-7	Job Type:	SURFACE	ADC Used:	YES
Company Rep:	LARRY NICHOLAS	Cement Supervisor:	CHRIS SMITH	Elite #:	4 PAUL SALAZAR

OptiCem v6.4.9
 23-Aug-11 14:03

Sales Order #: 8373917	Line Item: 10	Survey Conducted Date: 8/23/2011
Customer: WILLIAMS PRODUCTION RMT INC - EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: LARRY NICHOLAS		API / UWI: (leave blank if unknown) 05-045-20165
Well Name: PA		Well Number: 522-7
Well Type: Development Well	Well Country: United States of America	
H2S Present: No	Well State: Colorado	Well County: Garfield

Dear Customer,

We hope that you were satisfied with the service quality of this job performed by Halliburton. It is the aim of our management and service personnel to deliver equipment and service of a standard unmatched in the service sector of the energy industry.

Please take the time to let us know if our performance met with your satisfaction. Please be as critical as possible to ensure we constantly improve our service. Your comments are of great value to us and are intended for the exclusive use of Halliburton.

CUSTOMER SATISFACTION SURVEY

CATEGORY	CUSTOMER SATISFACTION RESPONSE	
Survey Conducted Date	The date the survey was conducted	8/23/2011
Survey Interviewer	The survey interviewer is the person who initiated the survey.	CHRISTOPHER SMITH (HB20137)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	LARRY NICHOLAS
HSE	Was our HSE performance satisfactory? Circle Y or N	Yes
Equipment	Were you satisfied with our Equipment? Circle Y or N	Yes
Personnel	Were you satisfied with our people? Circle Y or N	Yes
Customer Comment	Customer's Comment	GOOD JOB. THANKS
Job DVA	Did we provide job DVA above our normal service today? Circle Y or N	No
Time	Please enter hours in decimal format to nearest quarter hour.	
Other	Enter short text for other efficiencies gained.	
Customer Initials	Customer's Initials	
Please provide details	Please describe how the job efficiencies were gained.	

CUSTOMER SIGNATURE