

WILLIAMS PRODUCTION RMT INC EBUSINE
DO NOT MAIL - PO BOX 21218
TULSA, Oklahoma

RWF
RWF 14-28

CYCLONE 14/ CYCLONE/14

Post Job Summary

Cement Surface Casing

Prepared for: JOHN TURNER
Date Prepared: 2/09/09
Version: 1

Service Supervisor: CARTER, ERIC

Submitted by:

HALLIBURTON

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2712527	Quote #:	Sales Order #: 6462496
Customer: WILLIAMS PRODUCTION RMT INC EBUSINE		Customer Rep: TURNER, JOHN	
Well Name: RWF		Well #: 14-28	API/UWI #:
Field: GRAND VALLEY	City (SAP): RIFLE	County/Parish: Garfield	State: Colorado
Contractor: CYCLONE 14		Rig/Platform Name/Num: CYCLONE 14	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MARCOTTE, WAYNE		Srvc Supervisor: CARTER, ERIC	MBU ID Emp #: 345598

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARTER, ERIC Earl	7	345598	CHRISTOFFERSON, JUSTIN Wayne	7	435308	KUKUS, CHRISTOPHER A	7	413952
REEVES, BRANDON W	7	287883	STEELE, BENJAMIN F	7	458599			

Equipment

HES Unit #	Distance-1 way						
10724333	60 mile	10784064	60 mile	10829463	60 mile	10857016	60 mile
10872113	60 mile	11006314	60 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
2/09/09	7	2.5						

TOTAL *Total is the sum of each column separately*

Job

Job Times

Formation Name	SURFACE			Date		Time		Time Zone	
Formation Depth (MD)	Top	0	Bottom	1149.38 FT.	Called Out	09 - Feb - 2009	11:40	MST	
Form Type		BHST			On Location	09 - Feb - 2009	15:00	MST	
Job depth MD	1153. ft	Job Depth TVD	1153. ft		Job Started	09 - Feb - 2009	19:25	MST	
Water Depth		Wk Ht Above Floor	5		Job Completed	09 - Feb - 2009	20:17	MST	
Perforation Depth (MD)	From		To		Departed Loc	09 - Feb - 2009	21:30	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

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		
ADC (AUTO DENSITY CTRL) SYS, /JOB, ZI	1	JOB		
PORT. DAS W/CEMWIN; ACQUIRE W/HES, ZI	1	JOB		

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	
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9.625"	1	
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	H2O SPACER		20	bbl	8.33	.0	.0	.0		
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	155	sacks	12.3	2.38	13.75			
	0.432 Gal	FRESH WATER								
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	160	sacks	12.8	2.11	11.75			
4	DISPLACEMENT		87.2	bbl	8.33	.0	.0	.0		
	11.75 Gal	FRESH WATER								
Calculated Values		Pressures			Volumes					
Displacement	87.2	Shut In: Instant		Lost Returns	NONE	Cement Slurry		Pad		
Top Of Cement	SURFACE	5 Min		Cement Returns	15	Actual Displacement	87.2	Treatment		
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	233	
Rates										
Circulating		Mixing	8	Displacement	9	Avg. Job	8.5			
Cement Left In Pipe	Amount	41.25 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						

The Road to Excellence Starts with Safety

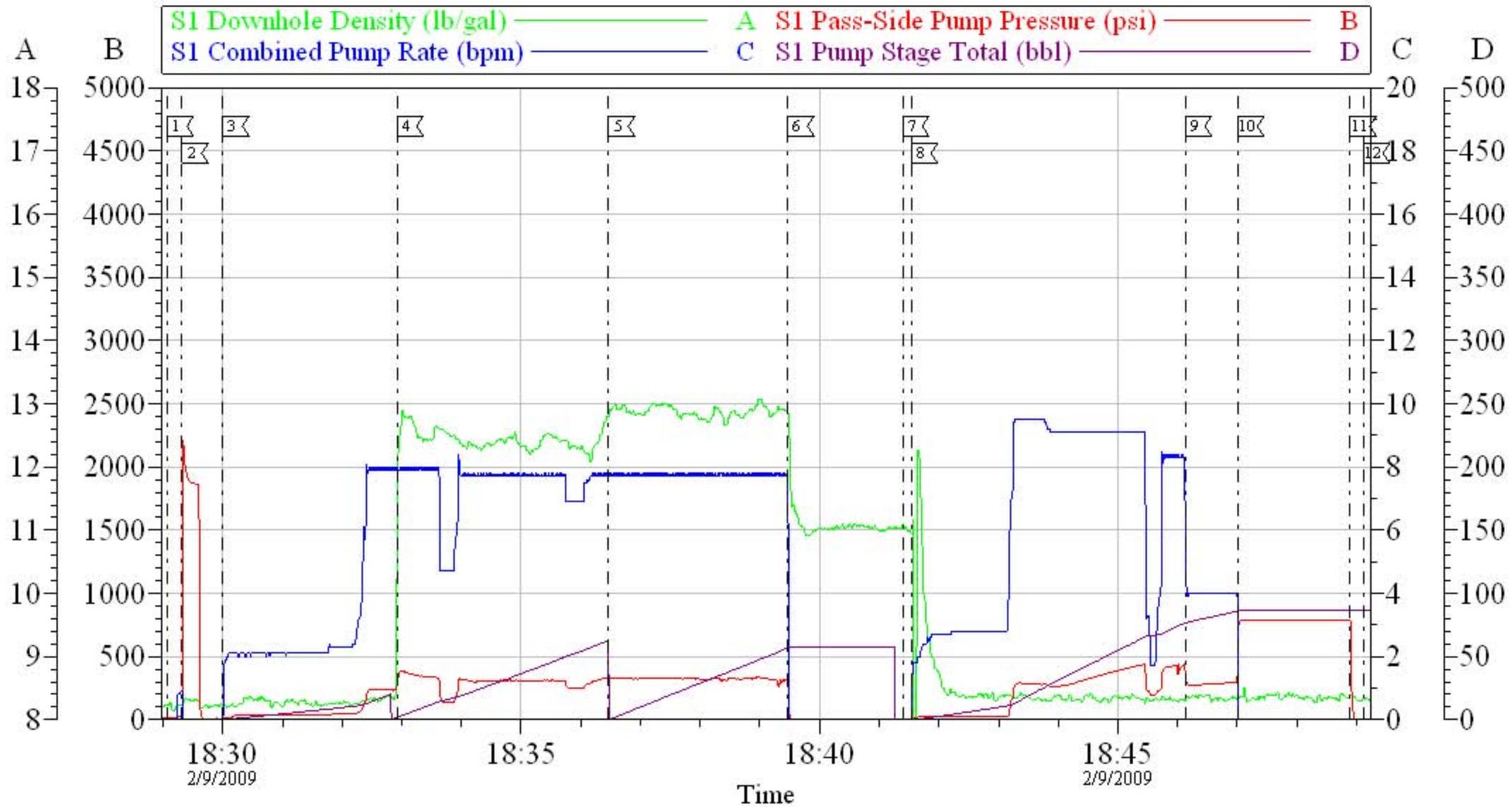
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Well Name: RWF	Well #: 14-28	API/UWI #:	
Field: GRAND VALLEY	City (SAP): RIFLE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat:		Long:	
Contractor: CYCLONE 14		Rig/Platform Name/Num: CYCLONE 14	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MARCOTTE, WAYNE		Srvc Supervisor: CARTER, ERIC	MBU ID Emp #: 345598

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/09/2009 11:40							
Depart Yard Safety Meeting	02/09/2009 13:20							ATTENDED BY ALL HES CREW
Crew Leave Yard	02/09/2009 13:30							
Arrive At Loc	02/09/2009 15:00							RIG RUNNING CASING
Assessment Of Location Safety Meeting	02/09/2009 15:10							ATTENDED BY ALL HES CREW
Pre-Rig Up Safety Meeting	02/09/2009 18:20							ATTENDED BY ALL HES CREW
Rig-Up Equipment	02/09/2009 18:30							HAD TO GO IN AIR TO PUT SWEDGE ON SO RIG COULD CIRCULATE
Pre-Job Safety Meeting	02/09/2009 19:00							ATTENDED BY ALL HES CREW AND RIG CREW, RIG RECIRCULATING AT 90 STROKES A MINUTE
Start Job	02/09/2009 19:25							TP 1149.38', TD 1153', SJ 41.25', FC SET AT 1108.55', MW 10.1 PPG, CASING 9.625", 32.2#, H-40, HOLE 13.5"(BOOST PRESSURE 8 PSI ON WATER @ RPM 1900)
Test Lines	02/09/2009 19:28		2	2				PRESSURED UP TO 1900 PSI, PRESSURE HELD
Pump Spacer 1	02/09/2009 19:30		8	20			240.0	FRESH WATER

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Lead Cement	02/09/2009 19:37		8	65.7			360.0	155 SKS MIXED AT 12.3 PPG, 2.38 YIELD, 13.75 GL/SK=65.7 BBLs
Pump Tail Cement	02/09/2009 19:45		8	60.1			340.0	160 SKS MIXED AT 12.8 PPG, 2.11 YIELD, 11.75 GL/SK=60.1 BBLs
Shutdown	02/09/2009 19:52							
Drop Top Plug	02/09/2009 19:57							COMPANY REP VERIFIED THAT PLUG LAUNCHED
Pump Displacement	02/09/2009 19:58		9	77.2			412.0	FRESH WATER
Slow Rate	02/09/2009 20:09		4	10			290.0	
Bump Plug	02/09/2009 20:12		4	87.2			786.0	PLUG LANDED AT 290 PSI, PRESSURED UP TO 786 PSI
Check Floats	02/09/2009 20:16							FLOATS HELD
End Job	02/09/2009 20:17							BOOST PRESSURE PSI 10 PSI ON LEAD, 10 PSI ON TAIL @ 1900 RPM
Post-Job Safety Meeting (Pre Rig-Down)	02/09/2009 20:20							ATTENDED BY ALL HES CREW
Rig-Down Equipment	02/09/2009 20:30							
Depart Location Safety Meeting	02/09/2009 21:20							ATTENDED BY ALL HES CREW
Crew Leave Location	02/09/2009 21:30							THANK YOU FOR USING HALLIBURTON CEMENT, ERIC CARTER AND CREW.

WILLIAMS CYCLON 14

9.625 SURFACE



Local Event Log			
1 START JOB	18:29:04	2 TEST LINES	18:29:19
3 PUMP SPACER	18:30:00	4 PUMP LEAD	18:32:55
5 PUMP TAIL	18:36:28	6 SHUTDOWN	18:39:28
7 DROP PLUG	18:41:24	8 PUMP DISPLACEMENT	18:41:32
9 SLOW RATE	18:46:08	10 BUMP PLUG	18:47:01
11 CHECK FLOATS	18:48:53	12 END JOB	18:49:07

Customer: WILLIAMS PRODUCTION RMT INC EBUSINE	Job Date: 09-Feb-2009	Sales Order #: 6462496
Well Name: RWF 14-28	Job Type: SURFACE	ADC Used: YES
Company Rep: JOHN TURNER	Cement Supervisor: ERIC CARTER	Elite #/Operator: 10/CHRIS KUKUS