
WILLIAMS PRODUCTION RMT INC - EBUS

**PA 343-20
PARACHUTE
Garfield County , Colorado**

Cement Surface Casing
06-Sep-2011

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300721		Ship To #: 2873275		Quote #:		Sales Order #: 8419379	
Customer: WILLIAMS PRODUCTION RMT INC - EBUS				Customer Rep: Harrison, Jeremy			
Well Name: PA			Well #: 343-20		API/UWI #: 05-045-20243		
Field: PARACHUTE		City (SAP): PARACHUTE		County/Parish: Garfield		State: Colorado	
Lat: N 39.504 deg. OR N 39 deg. 30 min. 14.45 secs.				Long: W 108.019 deg. OR W -109 deg. 58 min. 51.431 secs.			
Contractor: NABORS 577			Rig/Platform Name/Num: NAB 577				
Job Purpose: Cement Surface Casing							
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: KOHL, KYLE			Srv Supervisor: MAGERS, MICHAEL			MBU ID Emp #: 339439	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BORSZICH, STEPHEN A	4.5	412388	MAGERS, MICHAEL Gerard	4.5	339439	O'TOOLE, SHAWN	4.5	496661
PONDER, THOMAS Lynn	4.5	427112	WINKER, STEVEN	4.5	478776			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10001431	60 mile	10724643	60 mile	10871245	60 mile	11259886	60 mile
11360881	60 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
09/05/2011	1.5	0	09/06/2011	3	1			

TOTAL	Total is the sum of each column separately							
-------	--	--	--	--	--	--	--	--

Job

Job Times

Formation Name					Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom		Called Out	05 - Sep - 2011	18:45 MST
Form Type		BHST			On Location	05 - Sep - 2011	22:30 MST
Job depth MD	1015. ft	Job Depth TVD	1015. ft		Job Started	06 - Sep - 2011	01:17 MST
Water Depth		Wk Ht Above Floor	4. ft		Job Completed	06 - Sep - 2011	02:04 MST
Perforation Depth (MD)	From		To		Departed Loc	06 - Sep - 2011	03:00 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
-------------	------------	-------------------	---------	-------	---------------	--------	-------	-----------	--------------	------------	---------------

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	8.34	.0	.0	.0		
2	Tail Cement	VERSACEM (TM) SYSTEM (452010)	280.0	sacks	12.8	2.11	11.75		11.75	
3	Displacement Fluid		75.00	bbl	8.34	.0	.0	.0		
Calculated Values		Pressures		Volumes						
Displacement	75	Shut In: Instant		Lost Returns	0	Cement Slurry	105.2	Pad		
Top Of Cement	SURFACE	5 Min		Cement Returns	10	Actual Displacement	75	Treatment		
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	201	
Rates										
Circulating	RIG	Mixing	8	Displacement	10/2	Avg. Job	8			
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						

The Road to Excellence Starts with Safety

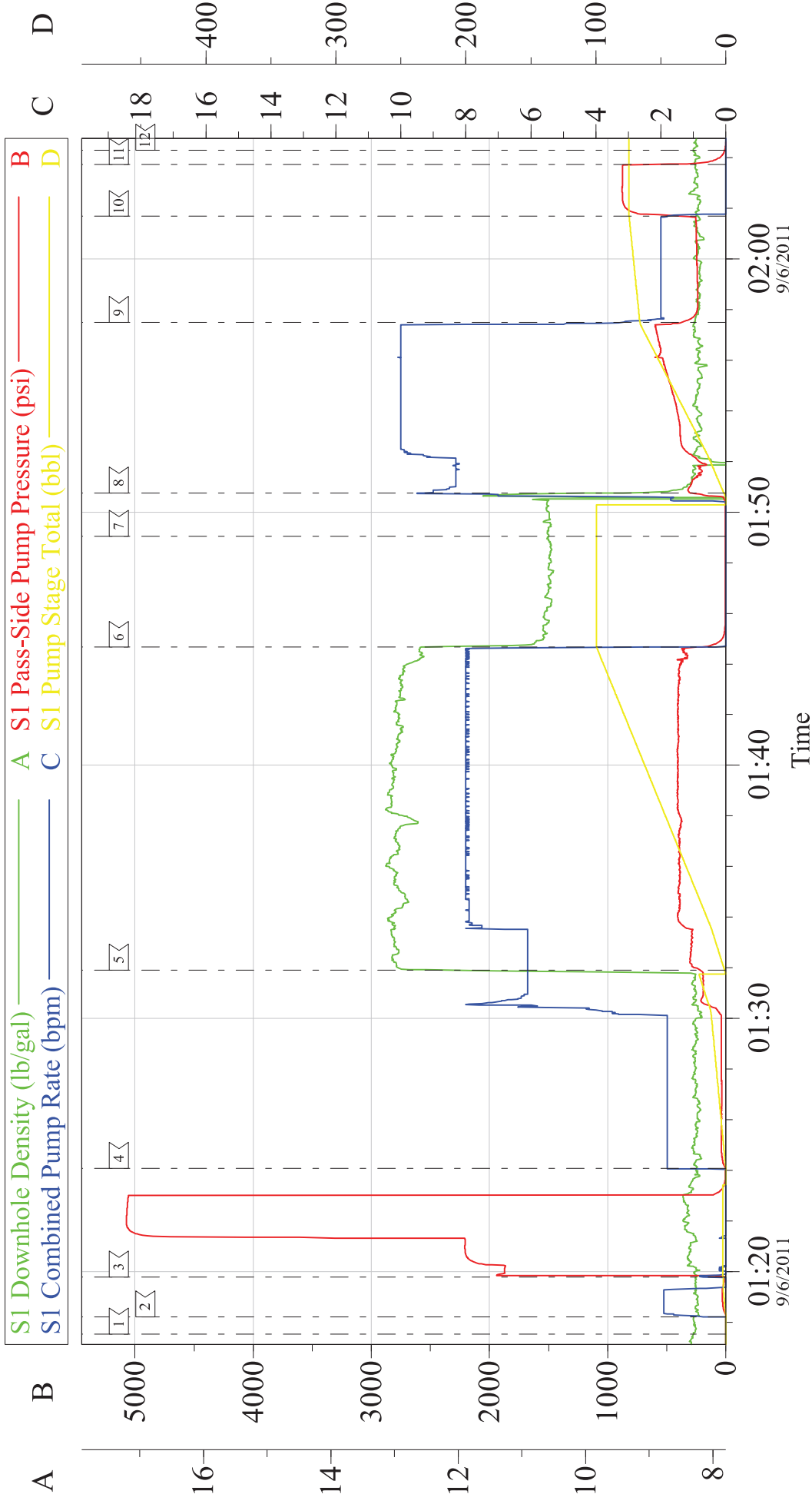
Sold To #: 300721		Ship To #: 2873275		Quote #:		Sales Order #: 8419379	
Customer: WILLIAMS PRODUCTION RMT INC - EBUS				Customer Rep: Harrison, Jeremy			
Well Name: PA			Well #: 343-20			API/UWI #: 05-045-20243	
Field: PARACHUTE		City (SAP): PARACHUTE		County/Parish: Garfield		State: Colorado	
Legal Description:							
Lat: N 39.504 deg. OR N 39 deg. 30 min. 14.45 secs.				Long: W 108.019 deg. OR W -109 deg. 58 min. 51.431 secs.			
Contractor: NABORS 577			Rig/Platform Name/Num: NAB 577				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: KOHL, KYLE			Srvc Supervisor: MAGERS, MICHAEL			MBU ID Emp #: 339439	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Crew Leave Yard	09/05/2011 19:00							HES ALL PRESENT
Arrive At Loc	09/05/2011 22:30							RIG WAS PULLING DRILL PIPE WHEN HES ARRIVED/CASERS RAN CASING/RIG CIRCULATED FOR 1 HR THRU PLUG CONTAINER WHILE HES RIGGED UP AND PRIMED PUMPS
Assessment Of Location Safety Meeting	09/05/2011 22:40							LOCATION HAD WIRE-LINE, CASERS, AND HES ON LOCATION AT THE SAME TIME
Pre-Rig Up Safety Meeting	09/06/2011 00:01							JSA ON RIGGING UP
Rig-Up Equipment	09/06/2011 00:05							1 PICKUP 1 ELITE 1 BULK TRUCK
Safety Huddle	09/06/2011 01:00							RIG CREW AND HES ALL PRESENT
Start Job	09/06/2011 01:17							TD- 1015 TP-997 SJ-42 MW-9.4 CSG- 9 5/8' 32.3# H-40 OH-13.5"
Other	09/06/2011 01:18		2	2			31.0	FILL LINES
Pressure Test	09/06/2011 01:19		0.5	0.5			5073.0	PSI TEST OK
Pump Spacer 1	09/06/2011 01:24		3	20			36.0	FRESH WATER
Pump Tail Cement	09/06/2011 01:31		8	105.2			406.0	VERSACEM 280 SKS 12.8 PPG 2.11 FT3/SK 11.75 GAL/SK
Shutdown	09/06/2011 01:44							

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Drop Plug	09/06/2011 01:49							PLUG AWAY NO PROBLEMS
Pump Displacement	09/06/2011 01:50		10	75.2			576.0	FRESH WATER
Slow Rate	09/06/2011 01:57		2	65			260.0	GOT 10 BBLS OF CEMENT TO SURFACE
Bump Plug	09/06/2011 02:01		2	75.2			280.0	BUMPED PLUG
Check Floats	09/06/2011 02:03			75.2			876.0	FLOATS HELD/GOT 1 BBL BACK INTO TANKS
End Job	09/06/2011 02:04							HAD GOOD CIRCULATION THROUGHOUT JOB/THANKS FOR USING HES AND THE CREW OF MIKE MAGERS

WILLIAMS NABORS 577
9.625 SURFACE PA 343-20

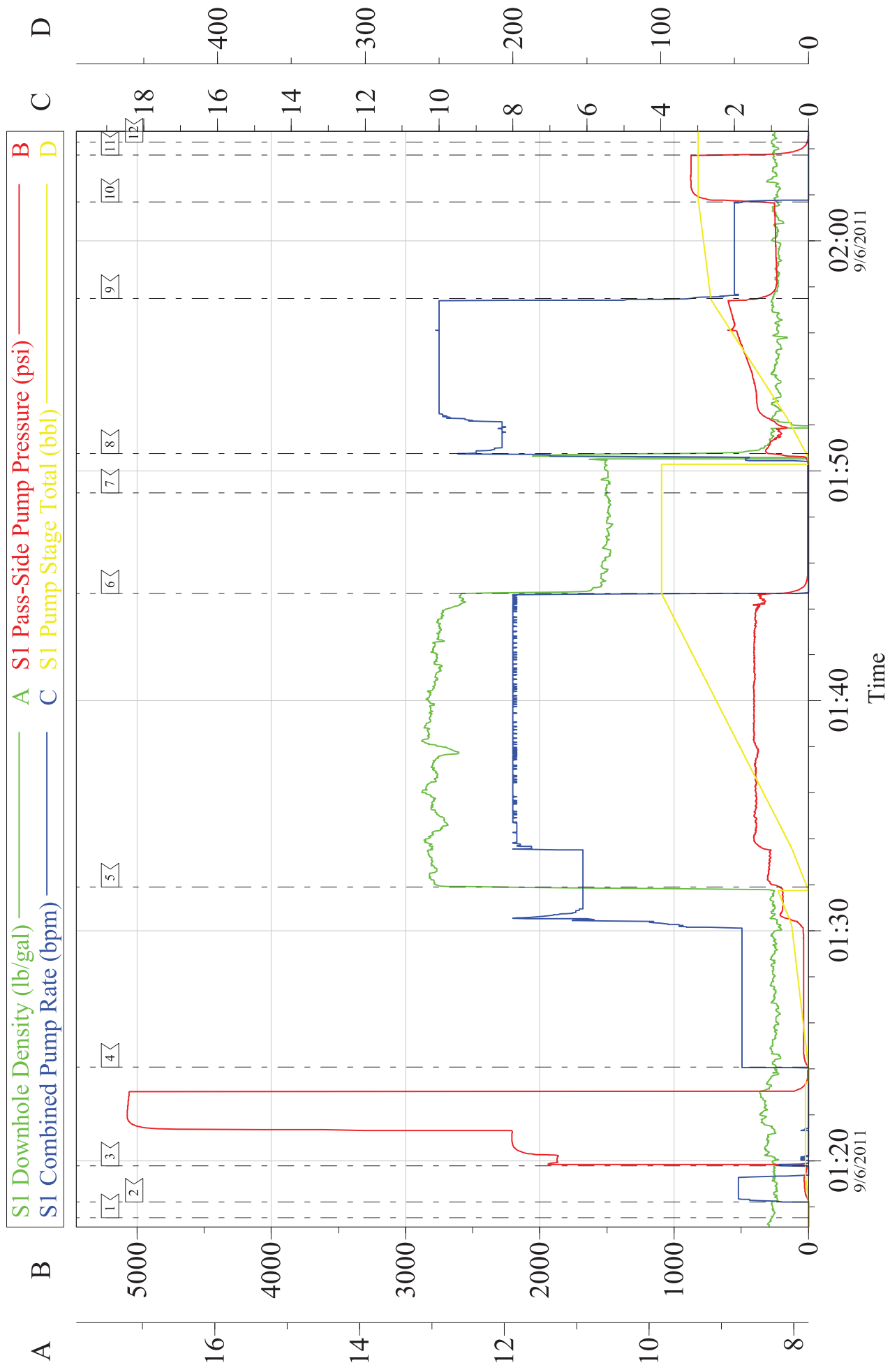


Local Event Log			
<input type="checkbox"/> 1 START JOB	<input type="checkbox"/> 2 FILL LINES	<input type="checkbox"/> 3 PRESSURE TEST	<input type="checkbox"/> 01:19:47
<input type="checkbox"/> 4 PUMP H2O SPACER	<input type="checkbox"/> 5 PUMP TAIL CEMENT	<input type="checkbox"/> 6 SHUT DOWN	<input type="checkbox"/> 01:44:40
<input type="checkbox"/> 7 DROP PLUG	<input type="checkbox"/> 8 PUMP FRSH WTR DISPLACEMENT	<input type="checkbox"/> 9 SLOW RATE	<input type="checkbox"/> 01:57:30
<input type="checkbox"/> 10 BUMP PLUG	<input type="checkbox"/> 11 CHECK FLOATS	<input type="checkbox"/> 12 END JOB	<input type="checkbox"/> 02:04:18

Customer:	WILLIAMS NABORS 577	Job Date:	06-Sep-2011	Sales Order #:	8419379
Well Description:	PA 343-20	Job Type:	SURFACE	ADC Used:	YES
Company Rep:	LARRY NICHOLAS	Cement Supervisor:	MIKE MAGERS	Elite #:	8
					STEVE BORSZICH

WILLIAMS NABORS 577

9.625 SURFACE PA 343-20



Customer: WILLIAMS NABORS 577	Job Date: 06-Sep-2011	Sales Order #: 8419379
Well Description: PA 343-20	Job Type: SURFACE	ADC Used: YES
Company Rep: LARRY NICHOLAS	Cement Supervisor: MIKE MAGERS	Elite #: 8 STEVE BORSZICH

Sales Order #: 8419379	Line Item: 10	Survey Conducted Date: 9/6/2011
Customer: WILLIAMS PRODUCTION RMT INC - EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: LARRY NICHOLOS		API / UWI: (leave blank if unknown) 05-045-20243
Well Name: PA		Well Number: 343-20
Well Type: Development Well	Well Country: United States of America	
H2S Present:	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	9/6/2011
Survey Interviewer	The survey interviewer is the person who initiated the survey.	MICHAEL MAGERS (HX13672)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	LARRY NICHOLOS
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	GREAT 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

Sales Order <input type="text"/>	Line Item <input type="text"/>	Survey Conducted Date <input type="text"/>
8419379	10	9/6/2011
Customer <input type="text"/>	Job Type (BOM) <input type="text"/>	
WILLIAMS PRODUCTION RMT INC - EBUS	CMT SURFACE CASING BOM	
Customer Representative <input type="text"/>	API / UWI <input type="text"/> (leave blank if unknown)	
LARRY NICHOLOS	05-045-20243	
Well Name <input type="text"/>	Well Number <input type="text"/>	
PA	343-20	
Well Type <input type="text"/>	Well Country <input type="text"/>	
Development Well	United States of America	
H2S Present <input type="text"/>	Well State <input type="text"/>	Well County <input type="text"/>
	Colorado	Garfield

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date	9/6/2011
The date the survey was conducted	

Cementing KPI Survey	
Type of Job	0
Select the type of job. (Cementing or Non-Cementing)	
Select the Maximum Deviation range for this Job	Vertical
What is the highest deviation for the job you just completed? This may not be the maximum well deviation.	
Total Operating Time (hours)	3
Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	
HSE Incident <input type="checkbox"/> Accident <input type="checkbox"/> Injury	No
HSE Incident, Accident, Injury. This should be recordable incidents only.	
Was the job purpose achieved?	Yes
Was the job delivered correctly as per customer agreed design?	
Operating Hours (Pumping Hours)	1
Total number of hours pumping fluid on this job. Enter in decimal format.	
Customer Non-Productive Rig Time (hrs)	0
Lost time due to Halliburton in the start, execution, or completion of an ordered service or product, or delays in a follow-on service. Enter in decimal format. 0 if none.	
Type of Rig Classification Job Was Performed	Drilling Rig (Portable)
Type Of Rig (classification) Job Was Performed On	
Number Of JSAs Performed	4
Number Of Jsas Performed	
Number of Unplanned Shutdowns	0
Unplanned shutdown is when injection stops for any period of time.	
Was this a Primary Cement Job (Yes / No)	Yes

Sales Order <input type="checkbox"/>	Line Item <input type="checkbox"/>	Survey Conducted Date <input type="checkbox"/>
8419379	10	9/6/2011
Customer <input type="checkbox"/>		Job Type (BOM) <input type="checkbox"/>
WILLIAMS PRODUCTION RMT INC - EBUS		CMT SURFACE CASING BOM
Customer Representative <input type="checkbox"/>		API / UWI <input type="checkbox"/> (leave blank if unknown)
LARRY NICHOLOS		05-045-20243
Well Name <input type="checkbox"/>		Well Number <input type="checkbox"/>
PA		343-20
Well Type <input type="checkbox"/>	Well Country <input type="checkbox"/>	
Development Well	United States of America	
H2S Present <input type="checkbox"/>	Well State <input type="checkbox"/>	Well County <input type="checkbox"/>
	Colorado	Garfield

Primary Cement Job <input type="checkbox"/> Casing job, Liner job, or Tie-back <input type="checkbox"/> job.	
Did We Run Wiper Plugs?	Top
Did We Run Top And Bottom Casing Wiper Plugs?	
Mixing Density of Job Stayed in Designed Density Range (0-100%)	93
Density Range defined as +/- .20 ppg. Calculation: Total BBLs cement mixed at designed density divided by total BBLs of cement multiplied by 100	
Was Automated Density Control Used?	Yes
Was Automated Density Control (ADC) Used ?	
Pump Rate (percent) of Job Stayed At Designed Pump Rate	95
Pump Rate range defined as +/- 1bbl/min. Calculation: Total BBLs of fluid pumped at the designed rate divided by Total BBLs of fluid pumped, multiplied by 100	
Nbr of Remedial Square Jobs Rqd by Competition	0
Number Of Remedial Square Jobs Required After Primary Job Performed By Competition	
Nbr of Remedial Plug Jobs Rqd by HES	0
Number Of Remedial Plug Jobs Needed After Primary Plug Pumped By HES	
Nbr of Remedial Square Jobs Rqd by HES	0
Number Of Remedial Square Jobs Required After Primary Job Performed By HES	