

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

KP
KP 322-22

Cyclone Drilling, Inc.

Post Job Summary

Cement Surface Casing

Prepared for: AL DUNHOO
Date Prepared: July 21, 2011
Version: 1

Service Supervisor: MAGERS, MICHAEL

Submitted by: MIKE MAGERS

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2864460	Quote #:	Sales Order #: 8306318
Customer: WILLIAMS PRODUCTION RMT INC - EBUS		Customer Rep: Dunihoo, AI	
Well Name: KP		Well #: 322-22	API/UWI #: 05-045-20268
Field:	City (SAP): Silt	County/Parish: Osage	State: Oklahoma
Lat: N 39.517 deg. OR N 39 deg. 30 min. 59.881 secs.		Long: W 107.544 deg. OR W -108 deg. 27 min. 20.095 secs.	
Contractor: Cyclone Drilling, Inc.		Rig/Platform Name/Num: Cylone 30	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: SCOTT, KYLE		Srvc 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	6	412388	MAGERS, MICHAEL Gerard	6	339439	O'TOOLE, SHAWN Louis	6	496661
VANALSTYNE, TROY L	6	420256						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248057	60 mile	10872429	60 mile	10876398	60 mile	11259886	60 mile
11360883	60 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
07/21/2011	6	1						

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	21 - Jul - 2011	03:00	MST
Form Type		BHST	Job Started	21 - Jul - 2011	07:00	MST
Job depth MD	770. ft	Job Depth TVD	770. ft	Job Started	21 - Jul - 2011	11:39
Water Depth		Wk Ht Above Floor	3. ft	Job Completed	21 - Jul - 2011	12:23
Perforation Depth (MD)	From	To	Departed Loc	21 - Jul - 2011	13:30	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
13 1/2" Open Hole				13.5				.	770.		
9 5/8" Surface Casing	New		9.625	9.001	32.3		H-40	.	754.8		

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	Fresh Water Spacer		20.00	bbl	8.33	.0	.0	.0		
2	VersaCem Tail	VERSACEM (TM) SYSTEM (452010)	200.0	sacks	12.8	2.11	11.75		11.75	
	11.75 Gal	FRESH WATER								
3	Displacement Fluid		56.00	bbl	8.34	.0	.0	.0		
Calculated Values		Pressures			Volumes					
Displacement	55.9	Shut In: Instant		Lost Returns	0	Cement Slurry	75.2	Pad		
Top Of Cement	SURFACE	5 Min		Cement Returns	5	Actual Displacement	55.9	Treatment		
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	151	
Rates										
Circulating	RIG	Mixing	7	Displacement	9/2	Avg. Job	8			
Cement Left In Pipe	Amount	45.08 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

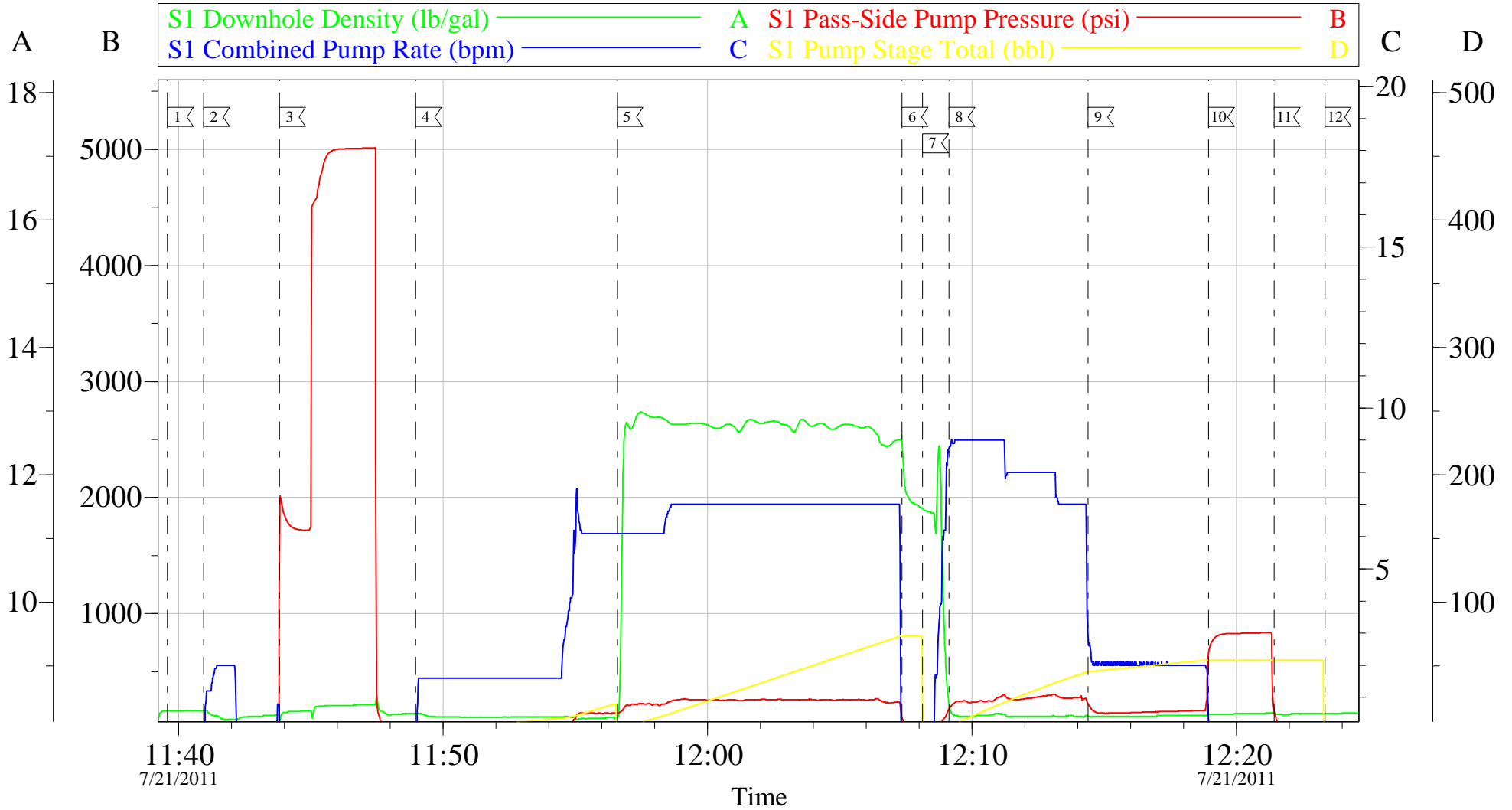
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Well Name: KP	Well #: 322-22	API/UWI #: 05-045-20268	
Field:	City (SAP): Silt	County/Parish: Osage	State: Oklahoma
Legal Description:			
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Contractor: Cyclone Drilling, Inc.		Rig/Platform Name/Num: Cylone 30	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: SCOTT, 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	07/21/2011 05:00							HES ALL PRESENT
Arrive At Loc	07/21/2011 07:00							RIG WAS PULLING DRILL PIPE WHEN HES ARRIVED. CASERS RIGGED UP AND RAN CASING/RIG CIRCULATED WHILE CASERS RIGGED DOWN AND HES RIGGED UP
Assessment Of Location Safety Meeting	07/21/2011 07:10							LOCATION IN GOOD CONDITION
Pre-Rig Up Safety Meeting	07/21/2011 10:15							JSA ON RIGGING UP
Rig-Up Equipment	07/21/2011 10:30							1 PICKUP 1 ELITE 1 BODYLOAD
Safety Huddle	07/21/2011 11:30							RIG CREW AND HES ALL PRESENT
Start Job	07/21/2011 11:39							TD-770 TP-754.8 SJ-45.1 MW-9.0 CSG- 9 5/8" 32.3# H-40 OH-13.5"
Other	07/21/2011 11:40		2	2			36.0	FILL LINES
Pressure Test	07/21/2011 11:43		0.5	0.5			5005.0	PSI TEST OK
Pump Spacer 1	07/21/2011 11:48		3	20			20.0	FRESH WATER
Pump Tail Cement	07/21/2011 11:56		7	72.2			261.0	VERSACEM 200 SKS 12.8 PPG 2.11 FT3/SK 11.75 GAL/SK
Shutdown	07/21/2011 12:07							
Drop Plug	07/21/2011 12:08							PLUG AWAY NO PROBLEMS

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	07/21/2011 12:09		9	55.9			280.0	FRESH WATER
Slow Rate	07/21/2011 12:14		2	45			160.0	GOT 5 BBLS OF CEMENT TO SURFACE
Bump Plug	07/21/2011 12:18		2	45			170.0	BUMPED PLUG
Check Floats	07/21/2011 12:21			56			831.0	FLOATS HELD/GOT 1/2 BBL BACK INTO DISPLACEMENT TANK
End Job	07/21/2011 12:23							HAD GOOD CIRCULATION THROUGHOUT JOB/THANKS FOR USING HES AND THE CREW OF MIKE MAGERS

WILLIAMS CYCLONE 30

9.625 SURFACE

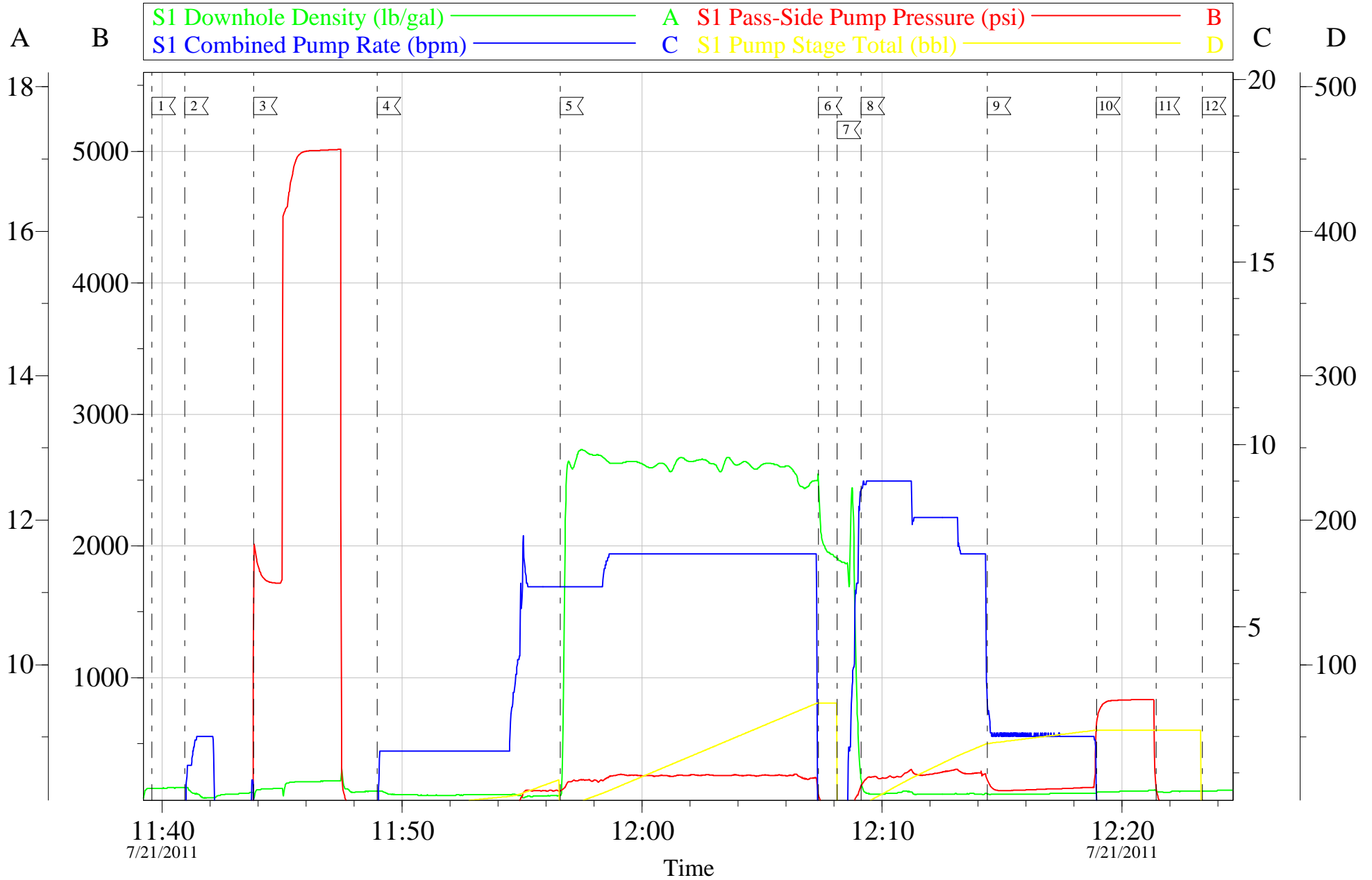


Local Event Log			
1 START JOB	11:39:35 2 FILL LINES	11:40:57 3 PRESSURE TEST	11:43:50
4 PUMP SPACER	11:48:58 5 PUMP TAIL CEMENT	11:56:35 6 SHUT DOWN	12:07:21
7 DROP PLUG	12:08:08 8 PUMP FRSH WTR DISPLACEMENT	12:09:08 9 SLOW RATE	12:14:24
10 BUMP PLUG	12:18:57 11 CHECK FLOATS	12:21:26 12 END JOB	12:23:21

Customer: WILLIAMS CYCLONE 30	Job Date: 21-Jul-2011	Sales Order #: 8306318
Well Description: KP 322-22	Job Type: SURFACE	ADC Used: YES
Company Rep: AL DUNIHO	Cement Supervisor: MIKE MAGERS	Elite #: 7 STEVE BORSZICH

WILLIAMS CYCLONE 30

9.625 SURFACE



Customer: WILLIAMS CYCLONE 30	Job Date: 21-Jul-2011	Sales Order #: 8306318
Well Description: KP 322-22	Job Type: SURFACE	ADC Used: YES
Company Rep: AL DUNIHO	Cement Supervisor: MIKE MAGERS	Elite #: 7 STEVE BORSZICH

Sales Order #: 8306318	Line Item: 10	Survey Conducted Date: 7/21/2011
Customer: WILLIAMS PRODUCTION RMT INC - EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: AL DUNIHO		API / UWI: (leave blank if unknown) 05-045-20268
Well Name: KP		Well Number: 322-22
Well Type: Development Well	Well Country: United States of America	
H2S Present: No	Well State: Oklahoma	Well County: Osage

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	7/21/2011
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	AL DUNIHO
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 MEN
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 #: 8306318	Line Item: 10	Survey Conducted Date: 7/21/2011
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Well Type: Development Well	Well Country: United States of America	
H2S Present: No	Well State: Oklahoma	Well County: Osage

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date	7/21/2011
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)	2
Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	
HSE Incident, Accident, 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

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Well Name: KP		Well Number: 322-22
Well Type: Development Well	Well Country: United States of America	
H2S Present: No	Well State: Oklahoma	Well County: Osage

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