
OXY GRAND JUNCTION EBUSINESS

**CC 697-16-29A
GRAND VALLEY
Garfield County , Colorado**

**Cement Surface Casing
11-Aug-2011**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 344034	Ship To #: 2871578	Quote #:	Sales Order #: 8372852
Customer: OXY GRAND JUNCTION EBUSINESS	Customer Rep: COOMBS, HENRY		
Well Name: CC	Well #: 697-16-29A	API/UWI #: 05-045-20580	
Field: GRAND VALLEY	City (SAP):	County/Parish: Garfield	State: Colorado
Lat: N 39.523 deg. OR N 39 deg. 31 min. 23.2 secs.	Long: W 108.225 deg. OR W -109 deg. 46 min. 28.812 secs.		
Contractor: H&P 353	Rig/Platform Name/Num: H&P 353		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: ROYSTER, JACOB	Srv Supervisor: MUHLESTEIN, RYAN	MBU ID Emp #: 453609	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BROWN, TRAVIS A	21	396848	CHASTAIN, DERICK Allan	21	455848	DEUSSEN, EDWARD Eric	21	485182
MUHLESTEIN, RYAN Herrick	21	453609						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10592964	120 mile	10744549	120 mile	10744648C	120 mile	10783473	120 mile
10867531	120 mile	10951244	120 mile	10989685	120 mile	10998508	120 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8/11/11	21	12						

TOTAL	Total is the sum of each column separately							
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Job

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	10 - Aug - 2011	19:00	MST
Form Type	BHST		Job Started	11 - Aug - 2011	00:00	MST
Job depth MD	2692. ft	Job Depth TVD	2692. ft	Job Started	11 - Aug - 2011	05:29
Water Depth		Wk Ht Above Floor	10. ft	Job Completed	11 - Aug - 2011	19:30
Perforation Depth (MD)	From	To	Departed Loc	11 - Aug - 2011	21:00	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
OPEN HOLE SECTION				14.75				.	2689.		
SURFACE CASING	Unknown		9.625	8.921	36.		J-55	.	2692.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		
PORT. DATA ACQUIS. W/OPTICEM RT W/HES	1	EA		
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		
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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		
1	Water Spacer				20.00	bbl	8.33	.0	.0	4.0			
2	Gel Spacer				20.00	bbl	8.4	.0	.0	4.0			
3	Water Spacer				20.00	bbl	8.4	.0	.0	2.0			
4	Lead Cement	VERSACEM (TM) SYSTEM (452010)			1050.0	sacks	12.3	2.33	12.62	7.0	12.62		
		12.62 Gal			FRESH WATER								
5	Tail Cement	VERSACEM (TM) SYSTEM (452010)			160.0	sacks	12.8	2.07	10.67	7.0	10.67		
		10.67 Gal			FRESH WATER								
6	Displacement				204.00	bbl	8.33	.0	.0	7.0			
7	Topout Cement	HALCEM (TM) SYSTEM (452986)			300.0	sacks	12.5	1.97	10.96		10.96		
		10.96 Gal			FRESH WATER								
Calculated Values			Pressures			Volumes							
Displacement	204.3	Shut In: Instant				Lost Returns	865.8	Cement Slurry	617.2	Pad			
Top Of Cement	SURFACE	5 Min				Cement Returns	18	Actual Displacement	204.3	Treatment			
Frac Gradient		15 Min				Spacers	60	Load and Breakdown		Total Job	883.8		
Rates													
Circulating	3	Mixing		7		Displacement	7	Avg. Job		7			
Cement Left In Pipe	Amount	48.9 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 #: 344034	Ship To #: 2871578	Quote #:	Sales Order #: 8372852
Customer: OXY GRAND JUNCTION EBUSINESS		Customer Rep: COOMBS, HENRY	
Well Name: CC	Well #: 697-16-29A	API/UWI #: 05-045-20580	
Field: GRAND VALLEY	City (SAP):	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.523 deg. OR N 39 deg. 31 min. 23.2 secs.		Long: W 108.225 deg. OR W -109 deg. 46 min. 28.812 secs.	
Contractor: H&P 353		Rig/Platform Name/Num: H&P 353	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: ROYSTER, JACOB		Srv Supervisor: MUHLESTEIN, RYAN	MBU ID Emp #: 453609

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	08/10/2011 19:00							
Pre-Convoy Safety Meeting	08/10/2011 21:00							ALL HES EE'S
Arrive At Loc	08/11/2011 00:00							RIG STILL RUNNING
Pre-Rig Up Safety Meeting	08/11/2011 03:00							ALL HES EE'S
Rig-Up Equipment	08/11/2011 03:30							1 HT 400 PUMP, 1 BULK STORAGE BIN, 1 BULK STORAGE SILO, 1 F-450 PICK-UP, 1 PLUG CONTAINER, 2" IRON TO STAND PIPE AND CELLAR
Circulate Well	08/11/2011 04:30							RIG CIRCULATE 1 HR PRIOR TO CMT AT 3 BPM 0 PSI, NO RETURNS, MUD REPORT 9.4 PPG, PV 18, YP 17
Pre-Job Safety Meeting	08/11/2011 05:15							ALL HES EE'S, RIG CREW AND CO REP
Start Job	08/11/2011 05:28	1						TD-2689' TP-2692' SJ-48.9' FC 2643.1 OH 14.75" CASING 9 5/8" 36# J-55
Pump Water	08/11/2011 05:29	2	2	2			40.0	FRESH H2O TO FILL LINES
Test Lines	08/11/2011 05:32	3						HELD 3314 PSI FOR 2 MIN, NO LEAKS
Pump Spacer 1	08/11/2011 05:39	4	4	20			102.0	FRESH H2O
Pump Spacer 2	08/11/2011 05:44	5	4	20			75.0	LGC GEL SPACER 5 GAL PER 20 BBLS

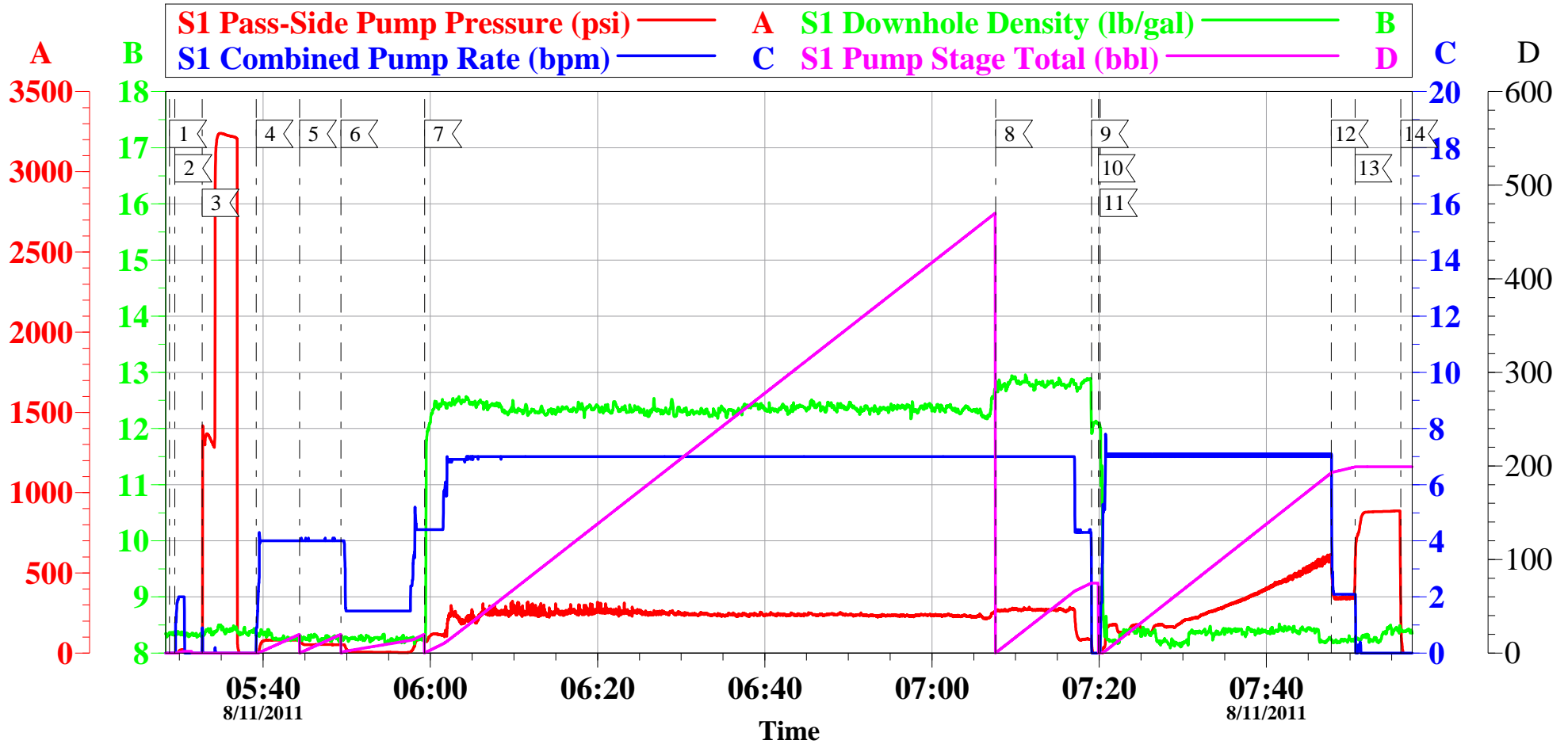
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Spacer 1	08/11/2011 05:49	6	2	20			108.0	FRESH H2O
Pump Lead Cement	08/11/2011 05:59	7	7	435.7			280.0	1050 SKS 12.3 PPG 2.33 FT3/SK 12.62 GAL/SK, 7 BOXES TUFF FIBER
Pump Tail Cement	08/11/2011 07:07	8	7	59			290.0	160 SKS 12.8 PPG 2.07 FT3/SK 10.67 GAL/SK
Shutdown	08/11/2011 07:19	9						SHUTDOWN
Drop Top Plug	08/11/2011 07:20	10						VERIFY PLUG LAUNCHED
Pump Displacement	08/11/2011 07:20	11	7	204.3			625.0	FRESH H2O DISPLACEMENT
Slow Rate	08/11/2011 07:47	12	2	194			385.0	10 BBLS PROIR TO CALCULATED DISPLACEMENT
Bump Plug	08/11/2011 07:50	13	2	204.3			938.0	PLUG BUMPED AT 390 PSI
Check Floats	08/11/2011 07:56	14						FLOATS HELD, 1 BBL BACK TO PUMP TRUCK, NO RETURNS THROUGHOUT JOB.
Other	08/11/2011 08:00							WAIT FOR RIG TO PRESSURE TEST CASING. HELD PRESSURE 30 MINS
Pump Water	08/11/2011 09:05	15	2	6		798.0		PUMP SUGAR WATER THRU PARASITE TUBING, FLOW NOTED TO SURFACE AT 6 BBLS AWAY
Other	08/11/2011 09:09	16						BREAK CIRCULATION/ CLEAR PARASITE, CIRCULATED AT 798 PSI. PUMPS KICKED OUT
Pump Water	08/11/2011 09:10	17	1.5	4		220.0		RESUME PUMPING
Shutdown	08/11/2011 09:12	18						10 BBLS H2O CIRCULATED
Pump Water	08/11/2011 09:45	19						START 1 ST TOPOUT. BOOST WATER USING 6X5 TO INITIATE FLOW THRU HES IRON

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Cement	08/11/2011 09:46	20	4	8		58.0		APPROX. 180 SKS 12.5 PPG 1.97 FT3/SK 10.96 GAL/SK. ON LOCATION FROM PREVIOUS JOB.
Shutdown	08/11/2011 09:49	21						SHUT DOWN TO BUILD CMT TUB
Resume	08/11/2011 09:51	22	3	55		60.0		RESUME PUMPING CMT
Pump Water	08/11/2011 10:08	23	2.5	2		10.0		FRESH H2O TO CLEAR IRON
Shutdown	08/11/2011 10:09	24						SHUTDOWN
Other	08/11/2011 10:10							WAITING FOR TOPOUT TRUCK
Pump Water	08/11/2011 15:54	25	0	1		.0		START 2 ND TOPOUT. BOOST WATER USING 6X5 TO INITIATE FLOW THRU HES IRON
Pump Cement	08/11/2011 15:56	26	2	35		60.0		100 SKS 12.5 PPG 1.97 FT3/SK 10.96 GAL/SK
Shutdown	08/11/2011 16:14	27						SHUTDOWN
Pump Water	08/11/2011 16:15	28	2	2		20.0		FRESH H2O TO CLEAR IRON
Other	08/11/2011 16:17	29						PUMP TUB TO PIT
Pump Water	08/11/2011 17:18	30						START 3 RD TOPOUT. BOOST WATER USING 6X5 TO INITIATE FLOW THRU HES IRON
Pump Cement	08/11/2011 17:20	31	3.5	11		78.0		60 SKS 12.5 PPG 1.97 FT3/SK 10.96 GAL/SK, 10 BBLs PUMPED TO PIT
Shutdown	08/11/2011 17:24	32						SHUTDOWN
Pump Cement	08/11/2011 17:27	33		0.5				HALF BBL TO TOP OFF
Shutdown	08/11/2011 17:28	34						SHUTDOWN
Other	08/11/2011 17:31	35						PUMP TUB TO PIT
Pump Water	08/11/2011 19:23	36						START 4 TH TOPOUT. BOOST WATER USING 6X5 TO INITIATE FLOW THRU HES IRON

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Cement	08/11/2011 19:25	37	3	13.5		73.0		60 SKS 12.5 PPG 1.97 FT3/SK 10.96 GAL/SK, 8 BBLS PUMPED TO PIT
Shutdown	08/11/2011 19:29	38						SHUTDOWN
End Job	08/11/2011 19:30	39						12 ADD HRS, 4 DERRICK CHARGES, 10 LBS SUGAR USED
Pre-Rig Down Safety Meeting	08/11/2011 19:45							ALL HES EE'S
Rig-Down Equipment	08/11/2011 20:00							
Pre-Convoy Safety Meeting	08/11/2011 20:45							ALL HES EE'S
Crew Leave Location	08/11/2011 21:00							THANKS FOR USING HALLIBURTON CEMENT, RYAN MUHLESTEIN AND CREW

OXY

CC 697-16-29A 9 5/8" SURFACE CASING



Local Event Log

1 START JOB	05:28:48	2 FILL LINES	05:29:27	3 TEST LINES	05:32:42
4 PUMP H2O SPACER	05:39:10	5 PUMP GEL SPACER	05:44:21	6 PUMP H2O SPACER	05:49:18
7 PUMP LEAD CMT	05:59:19	8 PUMP TAIL CMT	07:07:36	9 SHUT DOWN	07:19:05
10 DROP PLUG	07:19:54	11 PUMP DISPLACEMENT	07:20:08	12 SLOW RATE	07:47:47
13 BUMP PLUG	07:50:36	14 CHECK FLOATS	07:56:04		

Customer: OXY
Well Description: CC 697-16-29A
Customer Rep: HENRY COOMBS

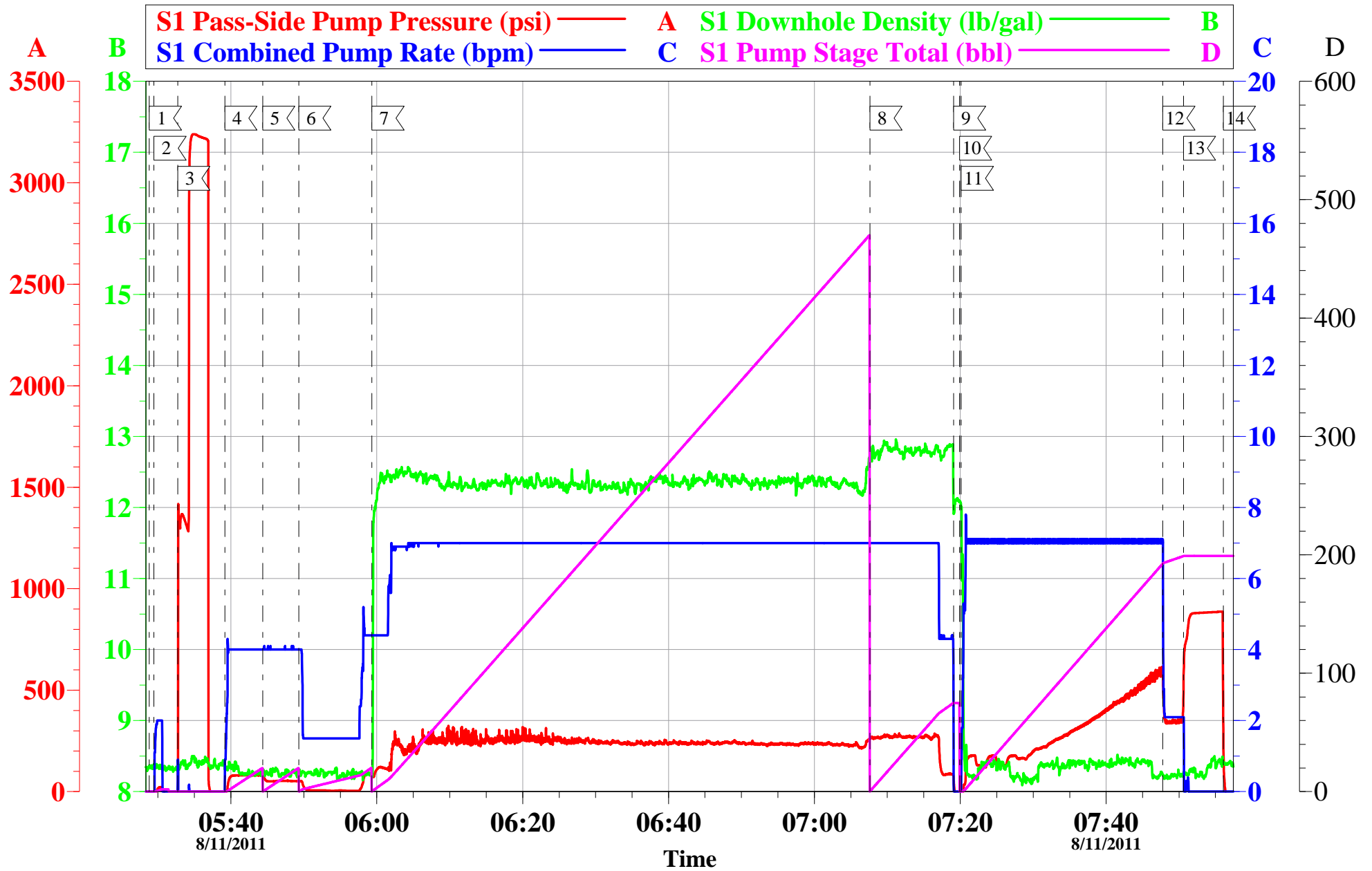
Job Date: 11-Aug-2011
Job type: SURFACE
Service Supervisor: RYAN MUHLESTEIN

Sales Order #: 8372852
ADC Used: YES
Operator/ Pump: DERICK CHASTIAN/ ELITE 6

OptiCem v6.4.10
11-Aug-11 10:50

OXY

CC 697-16-29A 9 5/8" SURFACE CASING



Customer: OXY
 Well Description: CC 697-16-29A
 Customer Rep: HENRY COOMBS

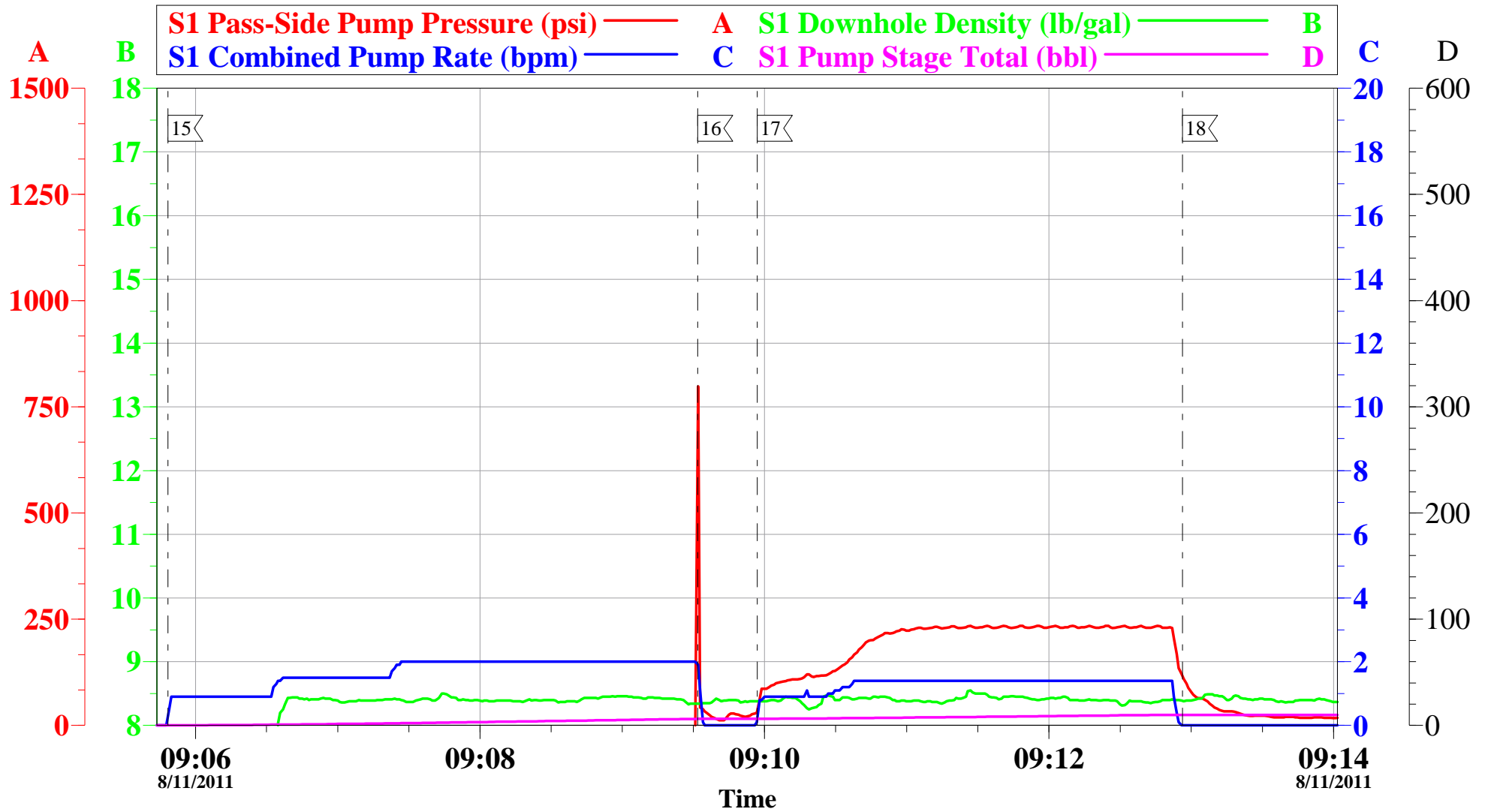
Job Date: 11-Aug-2011
 Job type: SURFACE
 Service Supervisor: RYAN MUHLESTEIN

Sales Order #: 8372852
 ADC Used: YES
 Operator/ Pump: DERICK CHASTIAN/ ELITE 6

OptiCem v6.4.10
 11-Aug-11 10:52

OXY

CC 697-16-29A 9 5/8" SURFACE CASING

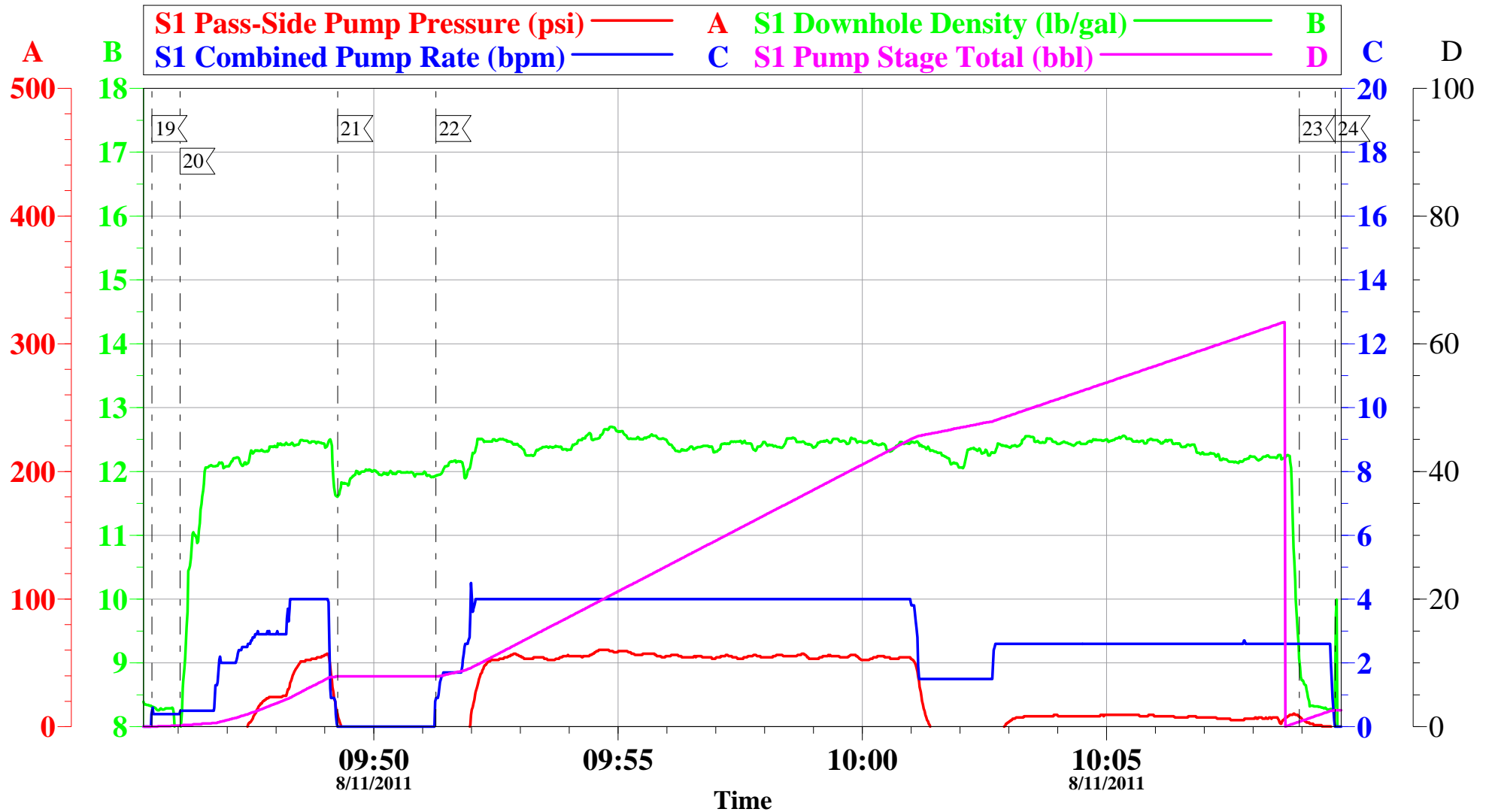


Customer: OXY	Job Date: 11-Aug-2011	Sales Order #: 8372852
Well Description: CC 697-16-29A	Job type: SURFACE	ADC Used: YES
Customer Rep: HENRY COOMBS	Service Supervisor: RYAN MUHLESTEIN	Operator/ Pump: DERICK CHASTIAN/ ELITE 6

OptiCem v6.4.10
11-Aug-11 11:01

OXY

CC 697-16-29A 9 5/8" SURFACE CASING TOPOUT 1



Local Event Log

19<	PUMP H2O	09:45:28	20<	PUMP TOPOUT CMT	09:46:02	21<	SHUT DOWN	09:49:16
22<	RESUME PUMPING CMT	09:51:16	23<	PUMP H2O	10:08:57	24<	SHUT DOWN	10:09:41

Customer: OXY
Well Description: CC 697-16-29A
Customer Rep: HENRY COOMBS

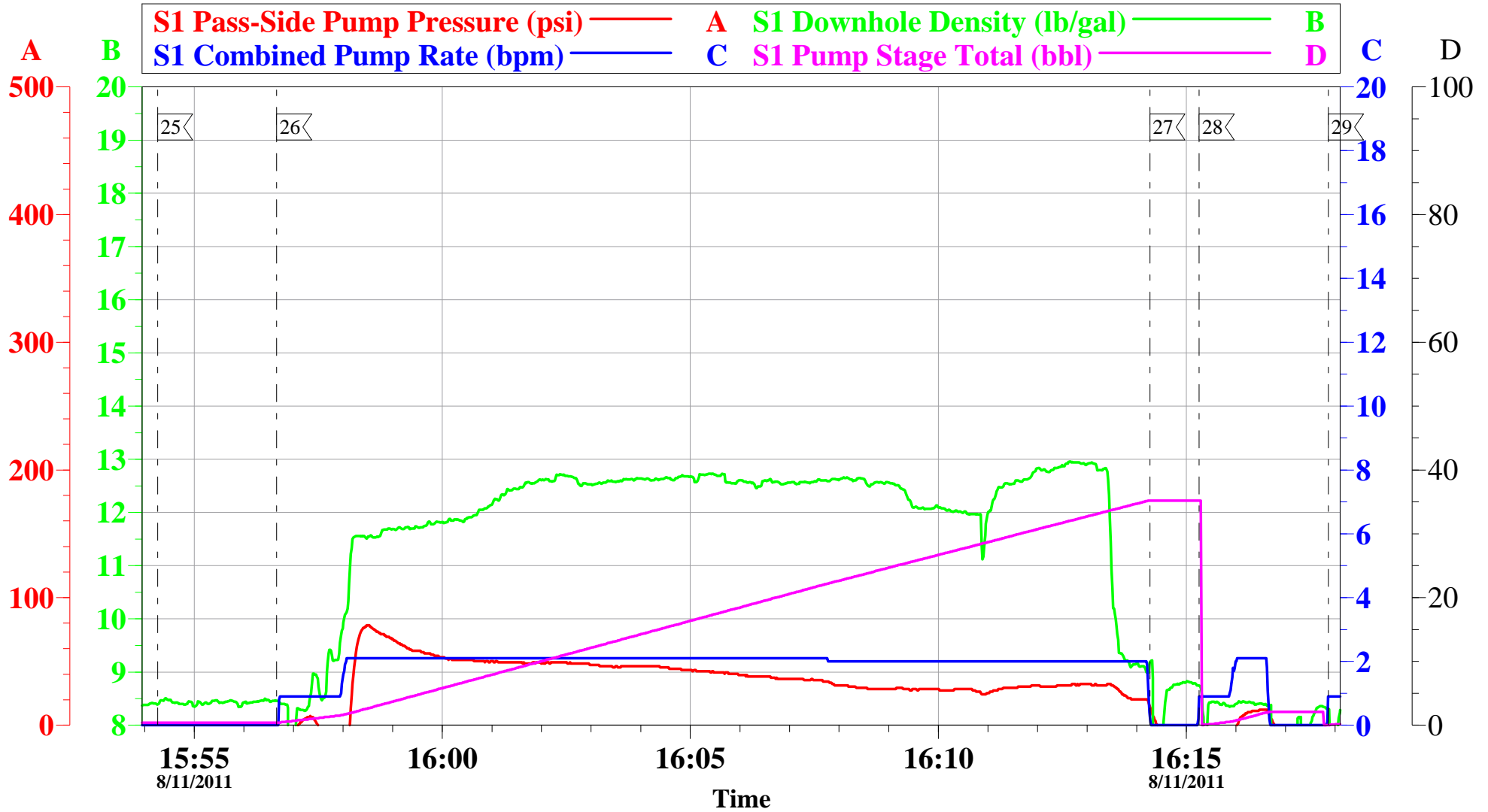
Job Date: 11-Aug-2011
Job type: SURFACE
Service Supervisor: RYAN MUHLESTEIN

Sales Order #: 8372852
ADC Used: YES
Operator/ Pump: DERICK CHASTIAN/ ELITE 6

OptiCem v6.4.10
11-Aug-11 11:52

OXY

CC 697-16-29A 9 5/8" SURFACE CASING TOP OUT 2

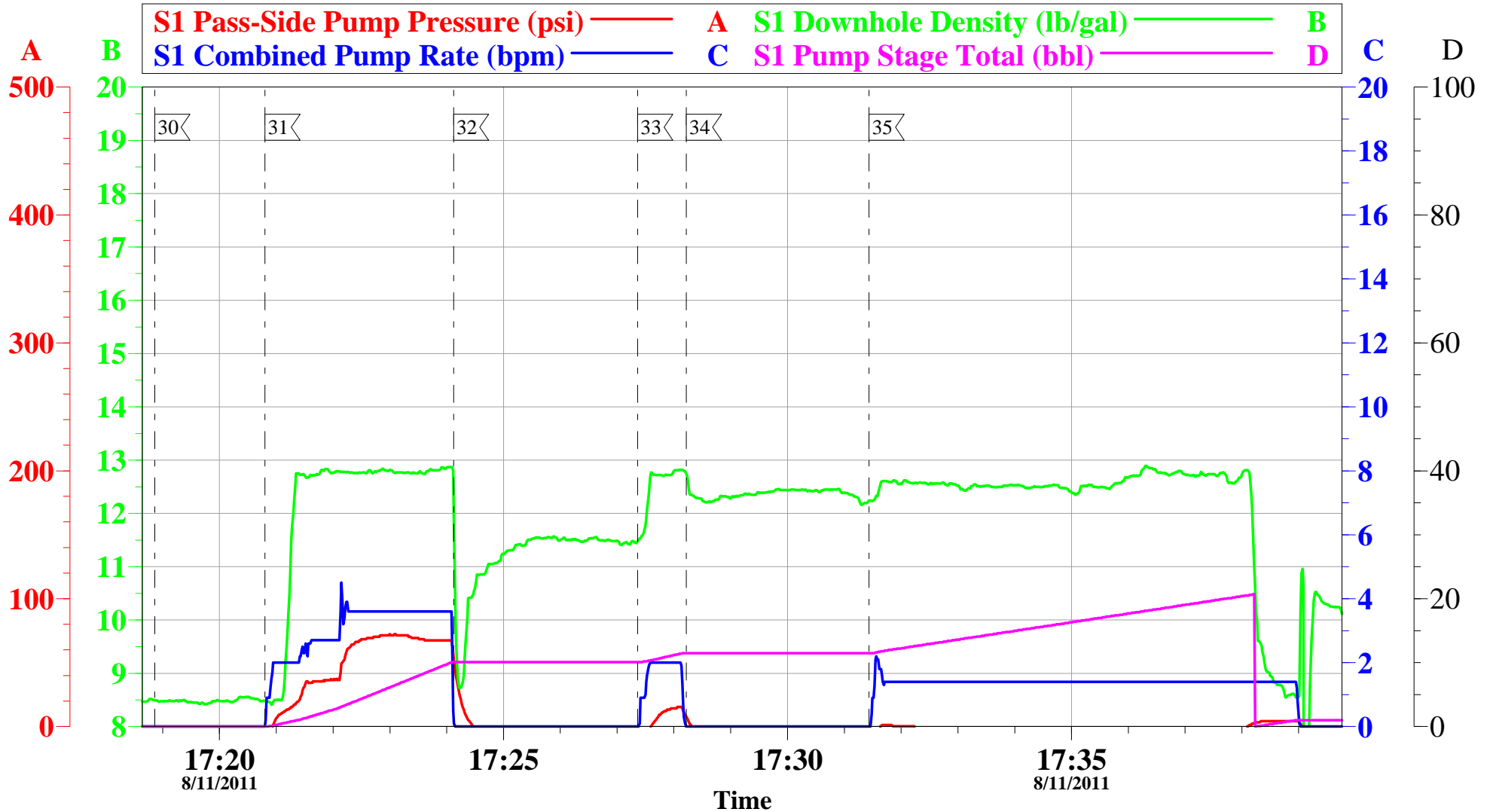


Local Event Log					
25	PUMP H2O	15:54:16	26	PUMP CMT	15:56:40
27	SHUT DOWN	16:14:16	28	PUMP H2O	16:15:16
29	PUMP TO PIT	16:17:52			

Customer:	OXY	Job Date:	11-Aug-2011	Sales Order #:	8372852
Well Description:	CC 697-16-29A	Job type:	TOPOUT	ADC Used:	YES
Customer Rep:	HENRY COOMBS	Service Supervisor:	RYAN MUHLESTEIN	Operator/ Pump:	

OXY

CC 697-16-29A 9 5/8" SURFACE CASING TOP OUT 3



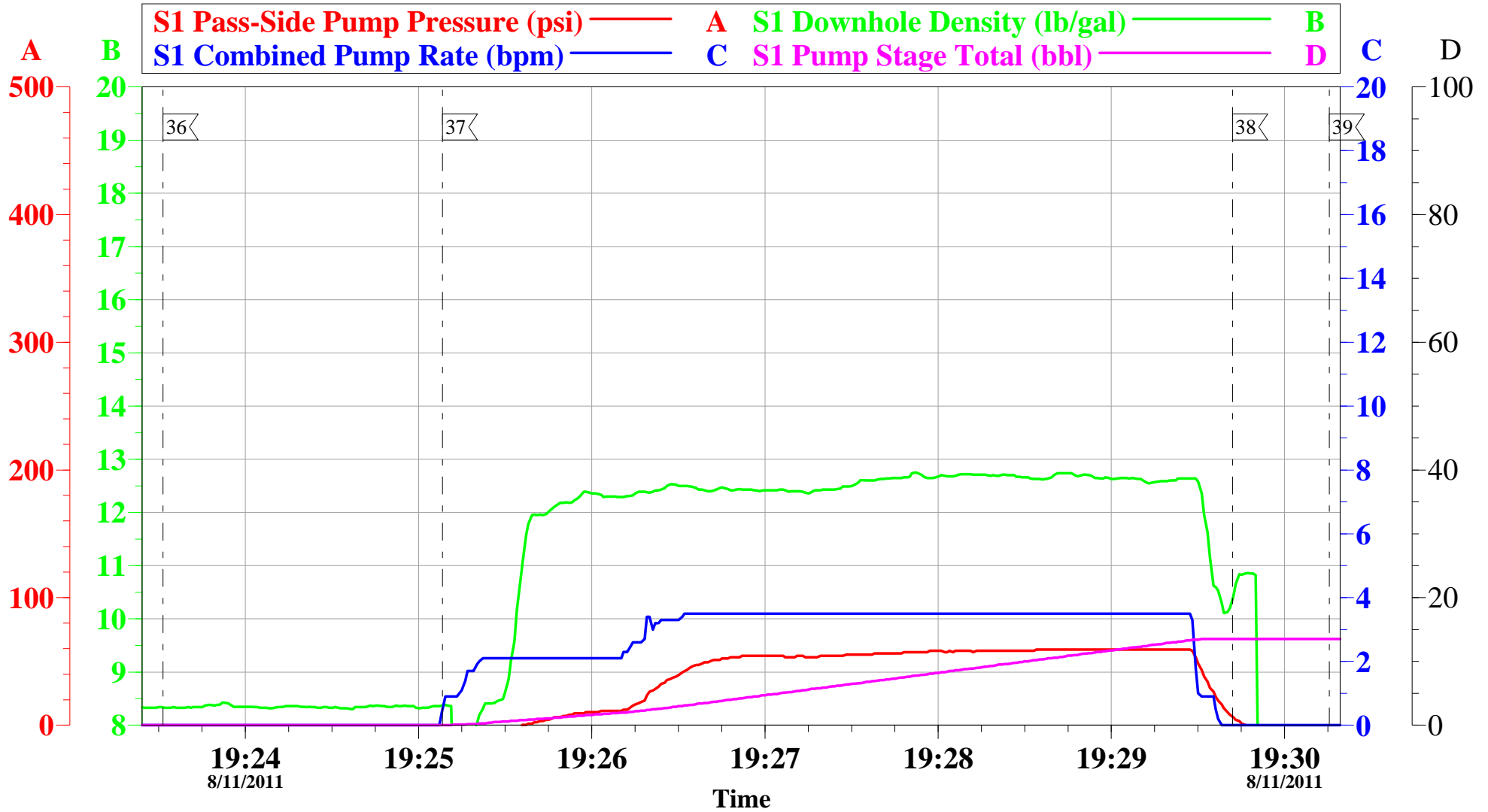
Local Event Log					
30	PUMP H2O	17:18:52	31	PUMP CMT	17:20:48
32	SHUT DOWN	17:24:07	33	PUMP CMT	17:27:22
34	SHUT DOWN	17:28:13	35	PUMP TO PIT	17:31:26

Customer: OXY	Job Date: 11-Aug-2011	Sales Order #: 8372852
Well Description: CC 697-16-29A	Job type: TOPOUT	ADC Used: YES
Customer Rep: HENRY COOMBS	Service Supervisor: RYAN MUHLESTEIN	Operator/ Pump:

OptiCem v6.4.10
11-Aug-11 20:05

OXY

CC 697-16-29A 9 5/8" SURFACE CASING TOP OUT 4



Local Event Log					
36	PUMP H2O	19:23:32	37	PUMP CMT	19:25:08
38	SHUT DOWN	19:29:42	39	END JOB	19:30:15

Customer: OXY	Job Date: 11-Aug-2011	Sales Order #: 8372852
Well Description: CC 697-16-29A	Job type: TOPOUT	ADC Used: YES
Customer Rep: HENRY COOMBS	Service Supervisor: RYAN MUHLESTEIN	Operator/ Pump:

OptiCem v6.4.10
11-Aug-11 20:14

HP 353

Pre-Planned Job Procedure Single Stage

EVENT	EVENT	VOLUME	SACKS	WEIGHT	YIELD	GAL/ SK
1	Start Job					
	Fill Lines	2				
6	Test Lines	3000				
9	H2O Spacer	20		8.4		
10	GEL SPACER	20		8.4		
9	H2O Spacer	20		8.4		
13	Lead Cement	435.7	1050	12.3	2.33	12.62
15	Tail Cement	59.0	160	12.8	2.07	10.67
	Drop Plug					
22	Displacement	204.3		Mud Wt.	9.4	
1085	Slow Rate	194		Casing	9.625	36
26	Bump Plug	545		Disp Fluid	8.4	
	Check Floats	+ 500 PSI				
2	End Job					
			Do Not Overdisplace			
DISPLACEMENT	TOTAL PIPE	SHOE JOINT LENGTH	ANN FACTOR	BBL/FT	H2O REQ.	
204.3	2692	48.90	0.1214	0.0773	670	
PSI to Lift Pipe	1141	*****Use Mud Scales on Each Tier*****				
Total Displacement	204.31					
CALCULATED DIFFERENTIAL PSI	545	TOTAL FLUID PUMPED	759			
HOT	455	TOT	2237	Co. Rep.:		
HOL	3589	TOL	0	SO#	8372852	

Sales Order #: 8372852	Line Item: 10	Survey Conducted Date: 8/11/2011
Customer: OXY GRAND JUNCTION EBUSINESS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: TERRY ROSSER		API / UWI: (leave blank if unknown) 05-045-20580
Well Name: CC		Well Number: 697-16-29A
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	8/11/2011
Survey Interviewer	The survey interviewer is the person who initiated the survey.	RYAN MUHLESTEIN (HB21105)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	TERRY ROSSER
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	NONE
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 #: 8372852	Line Item: 10	Survey Conducted Date: 8/11/2011
Customer: OXY GRAND JUNCTION EBUSINESS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: TERRY ROSSER		API / UWI: (leave blank if unknown) 05-045-20580
Well Name: CC		Well Number: 697-16-29A
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Garfield

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date	8/11/2011
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	Deviated
What is the highest deviation for the job you just completed? This may not be the maximum well deviation.	
Total Operating Time (hours)	12
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)	6
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	6
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 #: 8372852	Line Item: 10	Survey Conducted Date: 8/11/2011
Customer: OXY GRAND JUNCTION EBUSINESS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: TERRY ROSSER		API / UWI: (leave blank if unknown) 05-045-20580
Well Name: CC		Well Number: 697-16-29A
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Garfield

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	98
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	98
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