
OXY GRAND JUNCTION EBUSINESS

**CC 697-15-19A
GRAND VALLEY
Garfield County , Colorado**

**Cement Surface Casing
10-Oct-2010**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 344034	Ship To #: 2812193	Quote #:	Sales Order #: 7684579
Customer: OXY GRAND JUNCTION EBUSINESS		Customer Rep: Dillion, Pat	
Well Name: CC		Well #: 697-15-19A	API/UWI #: 05-045-18027
Field: GRAND VALLEY	City (SAP): DEBEQUE	County/Parish: Garfield	State: Colorado
Lat: N 39.529 deg. OR N 39 deg. 31 min. 46.146 secs.		Long: W 108.213 deg. OR W -109 deg. 47 min. 12.48 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: DUNNING, DUSTIN		Srvc Supervisor: KUKUS, CRAIG	MBU ID Emp #: 369124

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CALDWELL, JEFFREY S	15	369111	CUNNINGHAM, TANNER	15	445660	KUKUS, CRAIG A	15	369124
WYCKOFF, RYAN Scott	15	476117						

Equipment

HES Unit #	Distance-1 way						
10533645	120 mile	10822535	120 mile	10829469	120 mile	11139328	120 mile
11360883	120 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
10/9/10	3		10/10/10	12	5			

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	09 - Oct - 2010	14:00	MST
Form Type		BHST	Job Started	09 - Oct - 2010	21:00	MST
Job depth MD	2468. ft	Job Depth TVD	2468. ft	Job Started	10 - Oct - 2010	00:46
Water Depth		Wk Ht Above Floor	4. ft	Job Completed	10 - Oct - 2010	10:37
Perforation Depth (MD)	From	To	Departed Loc	10 - Oct - 2010	12:15	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		
R/A DENSOMETER W/CHART RECORDER, /JOB, ZI	1	JOB		
ADC (AUTO DENSITY CTRL) SYS, /JOB, 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 5/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9 5/8	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	.0	
2	Super Flush 101	SUPER FLUSH 101 - SBM (12199)	20.00	bbl	10.	.0	.0	.0	
3	Water Spacer		20.00	bbl	.	.0	.0	.0	
4	Lead Cement	VERSACEM (TM) SYSTEM (452010)	891.0	sacks	12.3	2.33	12.62		12.62
		12.62 Gal FRESH WATER							
5	Tail Cement	VERSACEM (TM) SYSTEM (452010)	134.0	sacks	12.8	2.07	10.67		10.67
		10.67 Gal FRESH WATER							
6	Displacement		184.00	bbl	.	.0	.0	.0	
7	Topout Cement	HALCEM (TM) SYSTEM (452986)	86.0	sacks	12.5	1.97	10.96		10.96
		10.96 Gal FRESH WATER							
Calculated Values		Pressures			Volumes				
Displacement	184	Shut In: Instant		Lost Returns	0	Cement Slurry	449	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	100	Actual Displacement	184	Treatment	
Frac Gradient		15 Min		Spacers	60	Load and Breakdown		Total Job	697
Rates									
Circulating		Mixing	6	Displacement	6	Avg. Job			6
Cement Left In Pipe	Amount	51.26 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

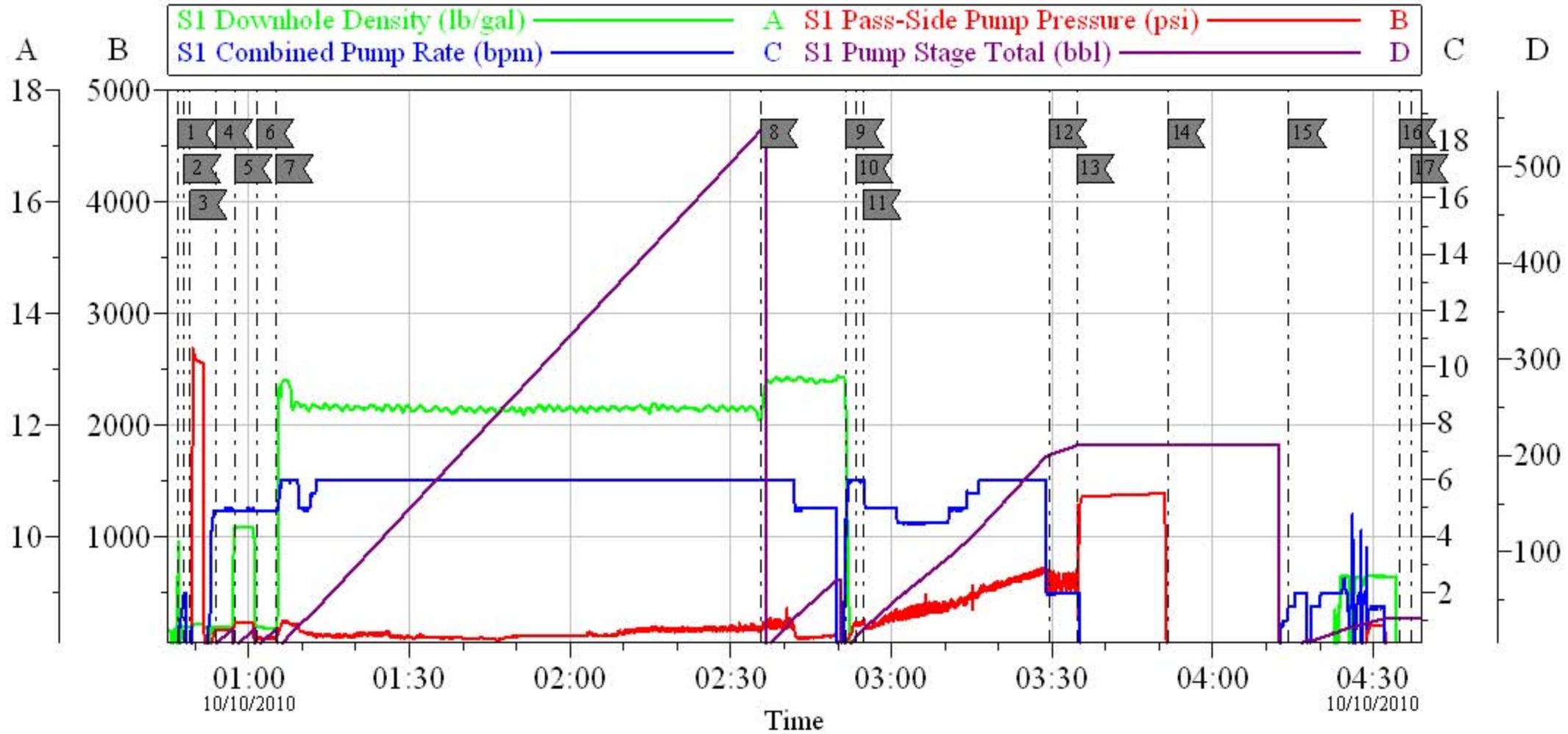
Sold To #: 344034	Ship To #: 2812193	Quote #:	Sales Order #: 7684579
Customer: OXY GRAND JUNCTION EBUSINESS		Customer Rep: Dillion, Pat	
Well Name: CC	Well #: 697-15-19A	API/UWI #: 05-045-18027	
Field: GRAND VALLEY	City (SAP): DEBEQUE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.529 deg. OR N 39 deg. 31 min. 46.146 secs.		Long: W 108.213 deg. OR W -109 deg. 47 min. 12.48 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: DUNNING, DUSTIN		Srvc Supervisor: KUKUS, CRAIG	MBU ID Emp #: 369124

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	10/09/2010 14:00							
Depart Yard Safety Meeting	10/09/2010 16:15							SAFETY MEETING INVOLVING THE ENTIRE CMT CREW
Arrive At Loc	10/09/2010 21:00							RIG WAS RUNNING CS
Assessment Of Location Safety Meeting	10/09/2010 21:10							ASSESSMENT OF LOCATION INVOLVING THE ENTIRE CMT CREW
Pre-Rig Up Safety Meeting	10/09/2010 21:15							SAFETY MEETING INVOLVING THE ENTIRE CMT CREW
Rig-Up Equipment	10/09/2010 21:30							
Circulate Well	10/09/2010 23:00							RIG CIRCULATED OFF AN ON FOR 1 1/2 HRS HAD TROUBLE WITH CELLAR PUMPS
Pre-Job Safety Meeting	10/09/2010 23:30							SAFETY MEETING INVOLVING EVERYONE ON LOCATION
Start Job	10/10/2010 00:46							T.D 2468 T.P 2434 S.J 51.26 MUD WT 9.3 OH 14 3/4 PIP9 5/8 36#
Other	10/10/2010 00:47		2	2			36.0	PRIME LINES
Pressure Test	10/10/2010 00:48		0.5			2560.0		PRESSURE TEST GOOD
Pump Spacer 1	10/10/2010 00:53		5	20			188.0	FRESH WATER SPACER
Pump Spacer 1	10/10/2010 00:57		5	20			253.0	PUMP SUPER FLUSH

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Spacer 1	10/10/2010 01:01		5	20			136.0	PUMP H2O SPACER
Pump Lead Cement	10/10/2010 01:05		6	369			190.0	PUMP LEAD CEMENT AT 12.3 PPG 2.33 Y 12.62 GAL/SKS
Pump Tail Cement	10/10/2010 02:35		6	50			220.0	PUMP TAIL CEMENT AT 12.8 PPG 2.07 Y 10.67 GAL/SKS
Shutdown	10/10/2010 02:51							
Drop Top Plug	10/10/2010 02:53							PLUG LEFT THE PLUG CONTAINER
Pump Displacement	10/10/2010 02:54		6	184.2			700.0	HAD GOOD RETURNS /PUMP FRESH WATER
Slow Rate	10/10/2010 03:29		2	174			550.0	HAD RETURNS
Bump Plug	10/10/2010 03:34		2	184			1340.0	PLUG LANDED/ HOLD FOR 15MIN PER CO-MAN
Check Floats	10/10/2010 03:51							FLOATS HELD/GOT 1/2BBL BACK / SWAPED LINES AROUND TO PUMP DOWN PARASITE
Pump Spacer 1	10/10/2010 04:14		2	10			215.0	PUMP SUGAR WATER SPACER DOWN PARASITE
Shutdown	10/10/2010 04:14							SHUT DOWN READY LINES FOR TOP OUT
Start Job	10/10/2010 10:15							TOP OUT #1
Other	10/10/2010 10:15		2	2			3.0	PRIME LINES
Pump Cement	10/10/2010 10:17		2	15			4.0	PUMP TOP OUT CEMENT AT 12.5 PPG 1.97 Y 10.96 GAL/SKS
Shutdown	10/10/2010 10:29							CEMENT TO SURFACE 15 BBL / 43 SKS
Other	10/10/2010 10:33		2	2			26.0	PRIME LINES FOR TOP OUT #2
Pump Cement	10/10/2010 10:34		3	15			93.0	PUMP TOPOUT #2 AT 12.5 PPG 1.97 Y 10.96 GAL/SKS
Shutdown	10/10/2010 10:37							CEMENT TO SURFACE 15 BBL 43 SKS
End Job	10/10/2010 10:40							GET SET UP TO PUMP TOP OUT

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Rig Down Safety Meeting	10/10/2010 11:00							SAFETY MEETING INVOLVING THE ENTIRE CMT CREW
Rig-Down Equipment	10/10/2010 11:15							
Safety Meeting - Departing Location	10/10/2010 12:00							SAFETY MEETING INVOLVING THE ENTIRE CMT CREW
Comment	10/10/2010 12:15							THANK YOU FOR USING HALLIBURTON, CRAIG KUKUS AND CREW

OXY SURFACE



Local Event Log

1	START JOB	00:46:50	2	PRIME LINES	00:47:47	3	TEST LINES	00:48:59
4	PUMP H2O SPACER	00:53:47	5	PUMP SUPERFLUSH	00:57:22	6	PUMP H2O SPACER	01:01:28
7	PUMP LEAD CEMENT	01:05:03	8	PUMPTAIL CEMENT	02:35:32	9	SHUT DOWN	02:51:37
10	DROP PLUG	02:53:18	11	PUMP H2O DISPLACEMENT	02:54:44	12	SLOW RATE	03:29:32
13	BUMP PLUG	03:34:35	14	CHECK FLOATS	03:51:36	15	PUMP 10 BBL SUGAR WATER	04:14:10
16	SHUT DOWN	04:34:49	17	END JOB	04:36:57			

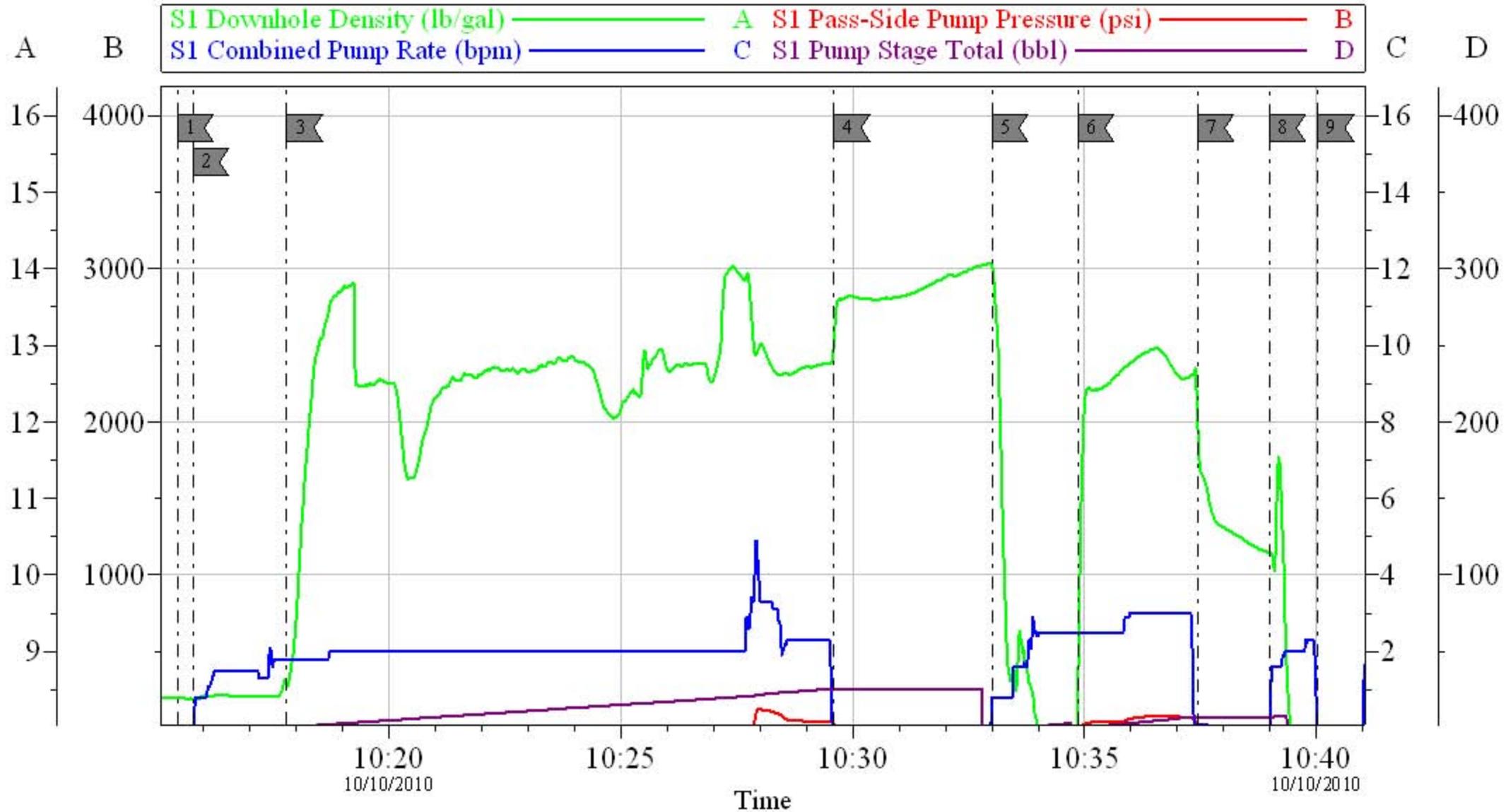
Customer: OXY
Well Description: CC 697-15-19A
Company Rep: HENERY COOMBS

Job Date: 09-Oct-2010
Job Type: SURFACE
Cement Supervisor: CRAIG KUKUS

Sales Order #: 7684579
ADC Used: YES
Elite #/Operator: #7 TANNER CUNNINGHAM

OptiCern v6.4.8
10-Oct-10 06:25

OXY TOP OUT



Local Event Log			
1 START JOB	10:15:26	2 PRIME LINES	10:15:46
4 SHUTDOWN	10:29:36	5 PRIME LINES	10:33:00
7 SHUT DOWN	10:37:27	8 CLEAN LINES	10:38:59
		3 PUMP TOP OUT CMT #1	10:17:48
		6 PUMP TOP OUT #2	10:34:51
		9 END JOB	10:40:02

Customer: OXY	Job Date: 10-Oct-2010	Sales Order #: 7684579
Well Description: CC-697-15-19A	Job Type: TOP OUT	ADC Used: YES
Company Rep: HENERY COOMBS	Cement Supervisor: CRAIG KUKUS	Elite #/Operator: #7 TANNER CUNNINGHAM