
OXY GRAND JUNCTION EBUSINESS

**CC 697-09-35B
GRAND VALLEY
Garfield County , Colorado**

Cement Surface Casing
22-Apr-2011

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 344034	Ship To #: 2825565	Quote #:	Sales Order #: 8110162
Customer: OXY GRAND JUNCTION EBUSINESS		Customer Rep: Benevides, Victor	
Well Name: CC	Well #: 697-09-35B	API/UWI #: 05-045-18140	
Field: GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.535 deg. OR N 39 deg. 32 min. 6.4 secs.		Long: W 108.222 deg. OR W -109 deg. 46 min. 39.709 secs.	
Contractor: H&P Drilling		Rig/Platform Name/Num: H&P 330	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: DUNNING, DUSTIN		Srvc Supervisor: HUGENBLOMER, LOGAN	MBU ID Emp #: 447333

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
COSTELDIA, BROCK James	25	476115	DANIEL, EVERETT Dean	25	337325	HUGENBLOMER, LOGAN Mark	25	447333
ROMKEE, DALE Alan	25	488215	SINGLETON, AUSTIN W	25	487406			

Equipment

HES Unit #	Distance-1 way						
10616651C	120 mile	10713212	120 mile	10829463	120 mile	10897849	120 mile
10938665	120 mile	10938678	120 mile	10988964	120 mile	10988978	120 mile
10995025	120 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
4/21/11	12	3	4/22/11	13	3			

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	21 - Apr - 2011 01:00 MST
Form Type	BHST	On Location	21 - Apr - 2011 12:00 MST
Job depth MD	2726. ft	Job Started	21 - Apr - 2011 21:12 MST
Water Depth	Wk Ht Above Floor	Job Completed	22 - Apr - 2011 01:25 MST
Perforation Depth (MD) From	To	Departed Loc	22 - Apr - 2011 13:00 MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbf/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
14 3/4" Open Hole				14.75				.	2726.		
9 5/8" Surface Casing	New		9.625	8.921	36.			.	2726.		

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		
PORT. DATA ACQUIS. W/OPTICEM RT W/HES	1	EA		
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	9.625	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	5	
2	Gel Spacer				20.00	bbl	.	.0	.0	5	
3	Water Spacer				20.00	bbl	.	.0	.0	5	
4	Lead Cement	VERSACEM (TM) SYSTEM (452010)			1050.0	sacks	12.3	2.33	12.62	6.5	12.62
		12.62 Gal FRESH WATER									
5	Tail Cement	VERSACEM (TM) SYSTEM (452010)			170.0	sacks	12.8	2.07	10.67	6.5	10.67
		10.67 Gal FRESH WATER									
6	Displacement				205.00	bbl	.	.0	.0	6.5	
7	Topout Cement	HALCEM (TM) SYSTEM (452986)			57	sacks	12.5	1.97	10.96	2	10.96
		10.96 Gal FRESH WATER									
Calculated Values			Pressures			Volumes					
Displacement	205	Shut In: Instant			Lost Returns	YES	Cement Slurry		497	Pad	
Top Of Cement	SURFACE	5 Min			Cement Returns	0	Actual Displacement		205	Treatment	
Frac Gradient		15 Min			Spacers	60	Load and Breakdown			Total Job	
Rates											
Circulating		Mixing		6.5	Displacement	6.5	Avg. Job		6		
Cement Left In Pipe	Amount	53 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

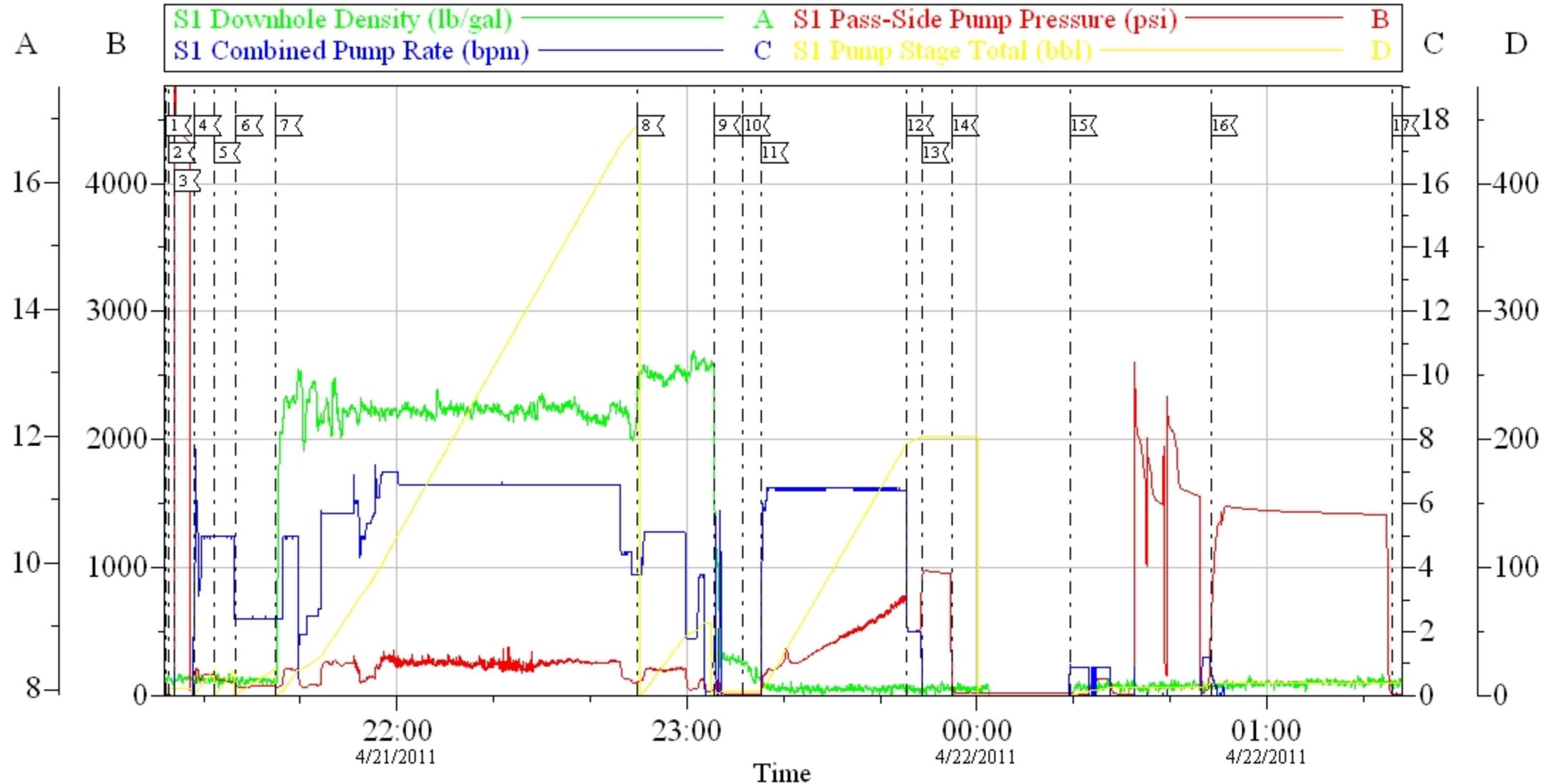
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Legal Description:			
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Contractor: H&P Drilling		Rig/Platform Name/Num: H&P 330	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: DUNNING, DUSTIN		Srvc Supervisor: HUGENTOBLER, LOGAN	MBU ID Emp #: 447333

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	04/21/2011 01:00							
Pre-Convoy Safety Meeting	04/21/2011 03:00							ALL HES EMPLOYEES
Arrive At Loc	04/21/2011 12:00							RIG STILL RUNNING CASING, COULD NOT SPOT EQUIPMENT, LOCATION EXTREMELY MUDDY HAD TO WAIT FOR RIVER ROCK AND BLADE TO CLEAN
Assessment Of Location Safety Meeting	04/21/2011 12:00							ALL HES EMPLOYEES
Rig-Up Equipment	04/21/2011 18:00							1 HT 400 PUMP TRUCK, 1 660 BULK TRUCK, 1 9.625 QUICK LATCH PLUG CONTAINER, 1 F450 P/U, 2 FIELD BINS,
Pre-Job Safety Meeting	04/21/2011 21:00							ALL HES EMPLOYEES, RIG CREW, CO REP.
Start Job	04/21/2011 21:12							TD 2726', TP 2710', FC 2657', HOLE 14.75", MUD WT 9.4 PPG, 800 BBLs OF H2O ON LOCATION, WATER SAMPLE SUBMITTED.
Pump Water	04/21/2011 21:12		2	2			78.0	FILL LINES
Pressure Test	04/21/2011 21:13							NO LEAKS,4000PSI
Pump Spacer 1	04/21/2011 21:18		5	20			155.0	FRESH WATER

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Spacer	04/21/2011 21:22		5	20			167.0	PUMP GEL WATER SPACER
Pump Water	04/21/2011 21:26		5	20			178.0	PUMP WATER
Pump Lead Cement	04/21/2011 21:34		6.5	435			238.0	1050 SKS VARICEM CCMT TO BE MIXED AT 12.3 PPG, 2.33 YIELD, 12.62 GAL/SK, CMT TO BE WEIGHED VIA PRESSURE BALANCED MUD SCALES. WET AND DRY SAMPLES SUBMITTED.
Pump Tail Cement	04/21/2011 22:49		6.5	62			116.0	170 SKS VARICEM CCMT TO BE MIXED AT 12.8 PPG, 2.07 YIELD, 10.67 GAL/SK, CMT TO BE WEIGHED VIA PRESSURE BALANCED MUD SCALES. WET AND DRY SAMPLES SUBMITTED.
Shutdown	04/21/2011 23:05							FOR NO MORE THEN 5 MINUTES,
Drop Plug	04/21/2011 23:11							PLUG LAUNCH
Pump Displacement	04/21/2011 23:15		6.5	205			724.0	FRESH WATER, NO RETURNS MOSTOF THE JOB RECIEVED NO CEMENT TO SURFACE
Slow Rate	04/21/2011 23:45		2				499.0	10 BBLS PRIOR TO CALCULATED DISPLACEMENT
Bump Plug	04/21/2011 23:48		2				980.0	PLUG LANDED HOLD FOR TEN MINUTES
Check Floats	04/21/2011 23:54							FLOATS HOLDING, NO ANNULAR FLOW
Pump Spacer	04/22/2011 00:19							PUMPED 10BBLS SUGAR WATER THROUGH PARASITE STRING
End Job	04/22/2011 01:25							THANK YOU FOR USING HES FROM LOGAN HUGENTOBLE AND CREW.

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Cement	04/22/2011 06:36		2	20			65	PUMPED 20 BBLS TOP OUT CEMENT, GOT 6 BBLS TO SURFACE, USED 57 SKS FROM TOP OUT TRUCK ALREADY HERE, TAGGED CEMENT 17FT DOWN AFTER 2 HOURS WAIT
Post-Job Safety Meeting (Pre Rig-Down)	04/22/2011 10:00							ALL HES EMPLOYEES
Rig-Down Equipment	04/22/2011 10:15							SAFELY
Pre-Convoy Safety Meeting	04/22/2011 13:00							ALL HES EMPLOYEES
Crew Leave Location	04/22/2011 13:05							SITE WAS AS CLEAN AS WHEN WE ARRIVED

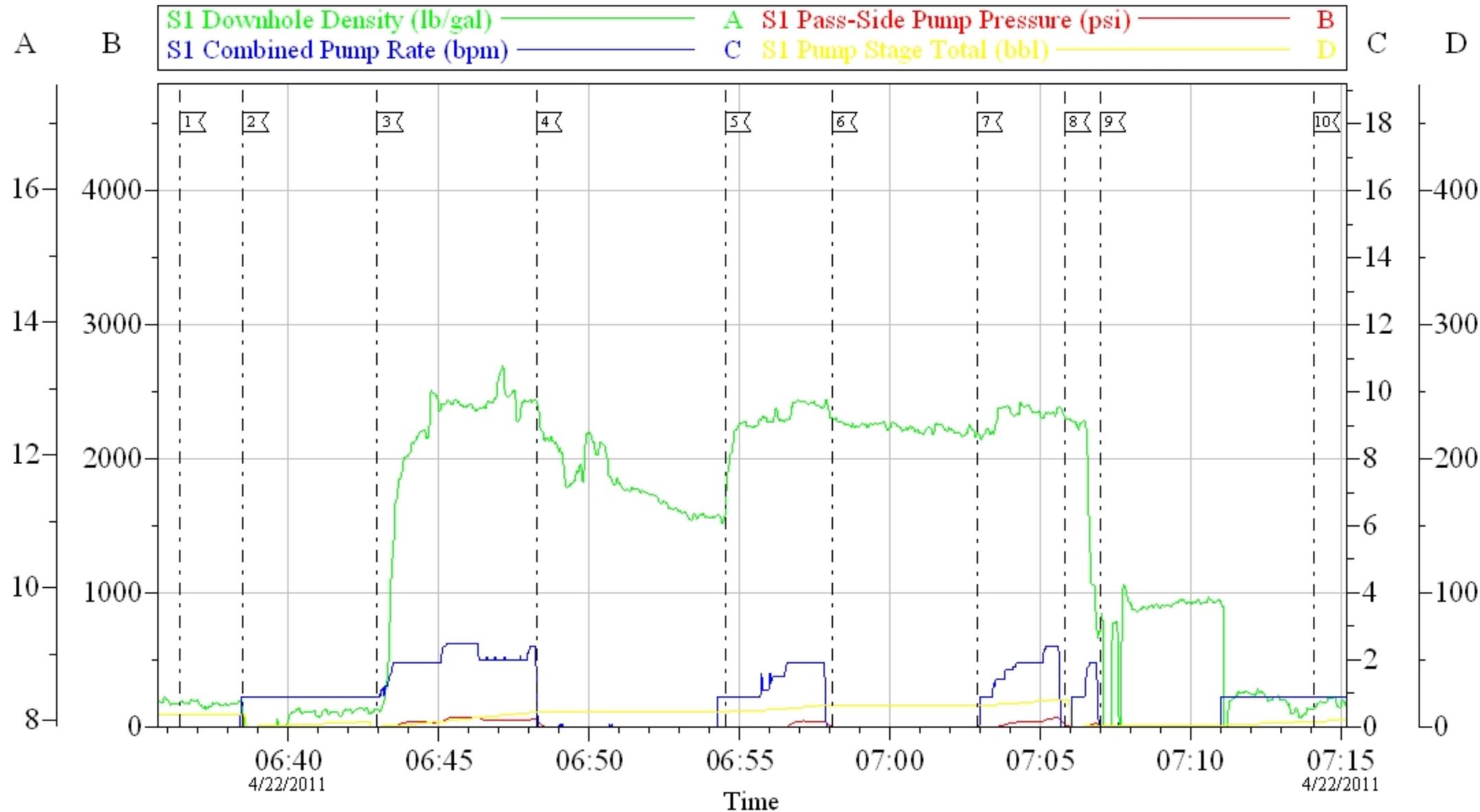
Customer Job Type



Local Event Log					
1	START JOB	4/21/2011 21:12:02	2	PRIMELINES	4/21/2011 21:12:44
2	PUMP H2O SPACER	4/21/2011 21:18:06	3	PUMP GEL SPACER	4/21/2011 21:22:04
3	PUMP LEAD CEMENT	4/21/2011 21:34:52	4	PUMP H2O SPACER	4/21/2011 21:26:43
4	DROP PLUG	4/21/2011 23:11:39	5	PUMP TAIL CEMENT	4/21/2011 22:49:44
5	BUMP PLUG	4/21/2011 23:48:45	6	PUMP DISPLACEMENT	4/21/2011 23:15:24
6	PRESSURE TEST CASING	4/22/2011 00:48:25	7	CHECK FLOATS	4/21/2011 23:54:49
			8	SHUTDOWN	4/21/2011 23:05:35
			9	SLOW RATE	4/21/2011 23:45:28
			10	PUMP THROUGH PARASITE	4/22/2011 00:19:18
			11	END JOB	4/22/2011 01:25:58

Customer: OXY	Job Date: 21-Apr-2011	Sales Order #: 8110162
Well Description: CC697-09-35B	Job Type: SURFACE	ADC Used: YES
Company Rep: MARCO SILVIA	Cement Supervisor: LOGAN HUGENTOBLER	Elite #4/ Operator: BROCK CASTELDIA

OXY TOP OUT #1



Local Event Log					
1	START JOB	06:36:24	2	PUMP H2O	06:38:30
3	PUMP TOP-OUT CEMENT	06:42:57	4	SHUTDOWN	06:48:14
5	PUMP TOP-OUT CEMENT	06:54:31	6	SHUTDOWN	06:58:04
7	PUMP TOP-OUT CEMENT	07:02:54	8	SHUTDOWN	07:05:49
9	PUMP H2O	07:06:59	10	END JOB	07:14:06

Customer: OXY	Job Date: 22-Apr-2011	Sales Order #: 8110162
Well Description: CC697-09-35B	Job Type: TOP-OUT	ADC Used: YES
Company Rep: MARCO SILVIA	Cement Supervisor: LOGAN HUGENTOBLER	Elite # 4/ Operator: DEAN DANEILS