

## 1.0 Real-Time Job Summary

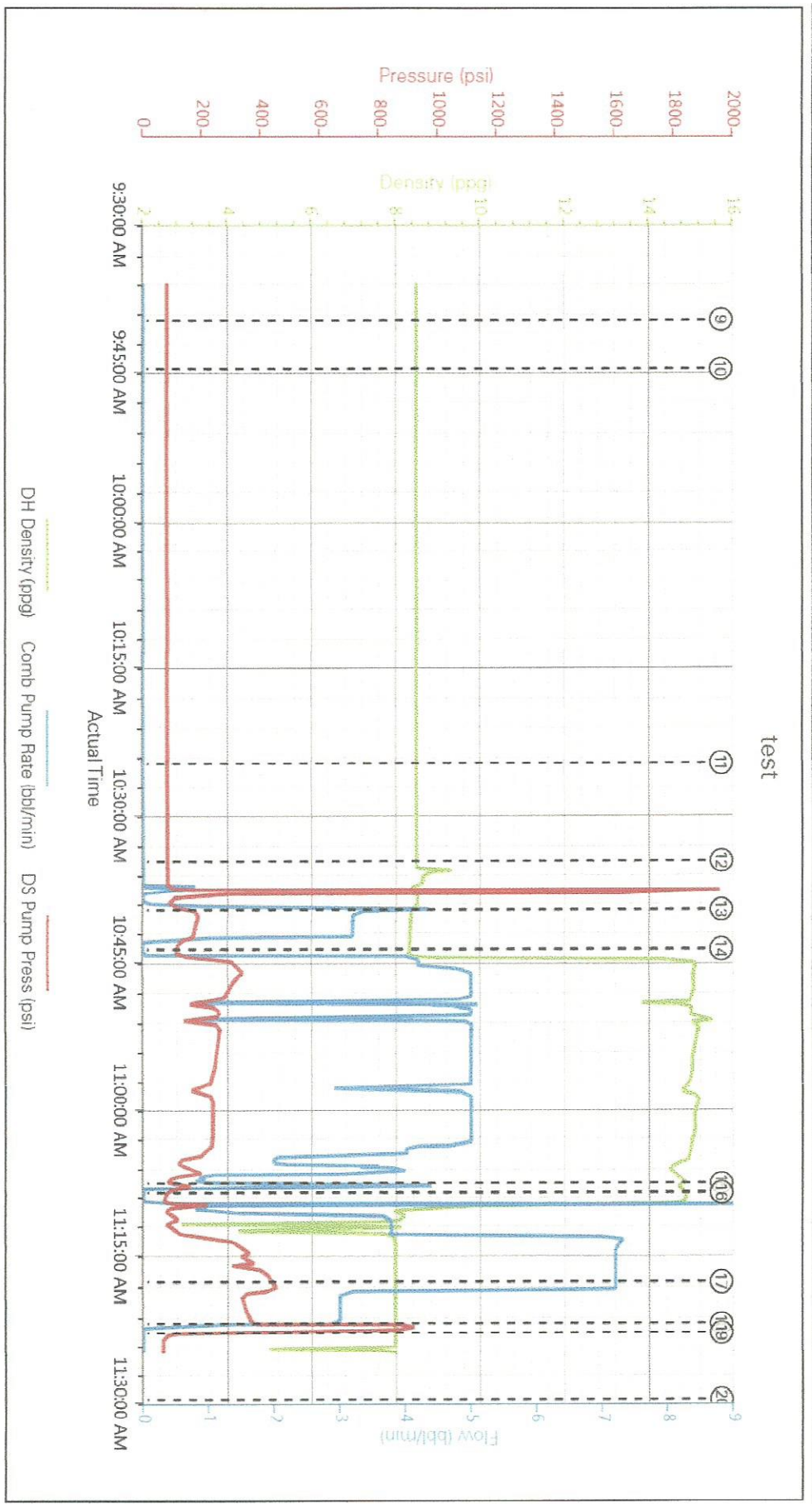
### 1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	DS Pump Press (psl)	Comments
Event	1	Call Out	Call Out	4/27/2015	01:00:00	USER				
Event	2	Depart Yard Safety Meeting	Depart Yard Safety Meeting	4/27/2015	02:50:00	USER				ALL HES HANDS PRESENT
Event	3	Depart from Service Center or Other Site	Depart from Service Center or Other Site	4/27/2015	03:00:00	USER				
Event	4	Arrive At Loc	Arrive At Loc	4/27/2015	07:20:00	USER				
Event	5	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	4/27/2015	07:30:00	USER				ALL HES HANDS PRESENT
Event	6	Rig-Up Equipment	Rig-Up Equipment	4/27/2015	07:40:00	USER				
Event	7	Rig-Up Completed	Rig-Up Completed	4/27/2015	08:00:00	USER				
Event	8	Standby Rig	Standby Rig	4/27/2015	08:05:00	USER				WAITING ON CASING TO FINISH RUNNING PIPE DOWN HOLE
Event	9	Casing on Bottom	Casing on Bottom	4/27/2015	09:40:00	USER				
Event	10	Circulate Well	Circulate Well	4/27/2015	09:45:00	USER				RIG CIRCULATE WELL FOR
Event	11	Pre-Job Safety Meeting	Pre-Job Safety Meeting	4/27/2015	10:25:00	USER				ALL HES AND RIG HANDS PRESENT
Event	12	Pressure Test	Pressure Test	4/27/2015	10:35:00	USER				1500 PSI
Event	13	Pump Water	Pump Water	4/27/2015	10:40:00	USER				10 BLS FRESH WATER PUMP AT 3 BPM @ 200 PSI
Event	14	Pump Lead Cement	Pump Lead Cement	4/27/2015	10:44:00	USER				470 SACKS 110 BLS OF LEAD CEMENT PUMP AT 15 PPG @ 250 PSI
Event	15	Drop Top Plug	Drop Top Plug	4/27/2015	11:08:00	USER				TOP PLUG LEFT HEAD

Event	16	Pump Displacement	Pump Displacement	4/27/2015	11:09:00	USER	46 BBL'S FRESH WATER PUMP AT 7 BPM @ 450 PSI 38 BBL'S OF CEMENT BACK TO SURFACE
Event	17	Slow Rate	Slow Rate	4/27/2015	11:18:00	USER	10 BBL'S PUMP AT 3 BPM @ 350 PSI
Event	18	Bump Plug	Bump Plug	4/27/2015	11:22:00	USER	TOP PLUG LANDED AT 350 UP TO 1000 PSI
Event	19	Check Floats	Check Floats	4/27/2015	11:23:00	USER	FLOATS HEID 1 BBL BACK OF FRESH WATER
Event	20	Post-Job Safety Meeting (Pre Rig-Down)	Post-Job Safety Meeting (Pre Rig-Down)	4/27/2015	11:30:00	USER	ALL HES HANDS PRESENT
Event	21	Rig-Down Equipment	Rig-Down Equipment	4/27/2015	11:40:00	USER	
Event	22	Rig-Down Completed	Rig-Down Completed	4/27/2015	12:10:00	USER	
Event	23	Depart Location Safety Meeting	Depart Location Safety Meeting	4/27/2015	12:20:00	USER	ALL HES HANDS PRESENT
Event	24	Depart Location	Depart Location	4/27/2015	12:30:00	USER	

3.0 Custom Graphs

3.1 Custom Graph





2	Tail Cement	SWIFTCEM (TM) SYSTEM	470	sack	15	1.32		6	6.2
2 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
6.25 Gal		FRESH WATER							
94 lbm		CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
0.1250 lbm		POLY-E-FLAKE (101216940)							

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	Displacement	Displacement	56	bbl	8.33			8	

Cement Left In Pipe	Amount	Reason	Shoe Joint
	45 ft		

**Comment**