

## 2.0 Real-Time Job Summary

### 2.1 Job Event Log

Type	Seq. No.	Graph Label	Date	Time	Source	DH Density <i>(ppg)</i>	Comb Pump Rate <i>(bbl/min)</i>	PS Pump Press <i>(psi)</i>	Pump Stg Tot <i>(bbl)</i>	Comments
Event	1	Call Out	12/22/2017	19:00:00	USER					CREW ALREADY ON LOCATION FROM PREVIOUS JOB
Event	2	Meet With Company Rep	12/23/2017	00:00:00	USER					COMPANY REP OFFERED SDS / WATER TEST
Event	3	Assessment Of Location Safety Meeting	12/23/2017	00:30:00	USER					ALL HES EMPLOYEES
Event	4	Pre-Rig Up Safety Meeting	12/23/2017	01:00:00	USER					ALL HES EMPLOYEES
Event	5	Rig-Up Equipment	12/23/2017	01:10:00	USER					1 HT-400 PUMP TRUCK (ELITE #2) 1 SILO 1 F-550 PICKUP
Event	6	Pre-Job Safety Meeting	12/23/2017	02:00:00	USER					ALL HES EMPLOYEES AND RIG CREW RIG CIRCULATED @ 408 GPM @ 108 PSI PRIOR TO THE JOB
Event	7	Start Job	12/23/2017	02:33:30	COM6					TD:930 TP: 912 SJ: 43 CSG: 8 5/8 32# J-55 OH: 12 1/4 MUD WT: 9.3 PPG
Event	8	Prime Lines	12/23/2017	02:34:39	COM6	8.33	2.0	58	2.0	PRIME LINES WITH 2 BBLs FRESH WATER
Event	9	Test Lines	12/23/2017	02:36:15	COM6	8.33	0.0	3097	2.0	PRESSURE TEST OK
Event	10	Pump Fresh Water Spacer	12/23/2017	02:39:46	COM6	8.33	4.0	130	20	PUMP 20 BBL FRESH WATER SPACER
Event	11	Pump Lead Cement	12/23/2017	02:47:44	COM6	12.8	8.0	400	42	96 SKS 12.3 PPG 2.46 YIELD 14.17 GAL/SK LEAD CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES
Event	12	Pump Tail Cement	12/23/2017	02:52:49	COM6	12.8	8.0	390	50.5	130 SKS 12.8 PPG 2.18 YIELD 12.11 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES
Event	13	Shutdown	12/23/2017	03:01:15	COM6					SHUTDOWN TO DROP TOP PLUG
Event	14	Drop Plug	12/23/2017	03:03:12	COM6					PLUG AWAY NO PROBLEMS, WASHED UP ON TOP OF THE PLUG
Event	15	Pump Displacement	12/23/2017	03:04:50	COM6	8.33	8.0	460	53	FRESH WATER DISPLACEMENT

Event	16	Slow Rate	12/23/2017	03:12:42	COM6	8.33	2.0	210	43	SLOW RATE TO BUMP PLUG
Event	17	Bump Plug	12/23/2017	03:16:53	COM6	8.33	2.0	821	53	PSI BEFORE BUMPING PLUG @ 210 BUMPED PLUG UP TO 821 PSI
Event	18	Check Floats	12/23/2017	03:18:31	COM6					FLOATS HELD, 1/2 BBL BACK TO DISPLACEMENT TANKS
Event	19	End Job	12/23/2017	03:19:42	COM6					GOOD RETURNS THROUGHOUT JOB, PIPE STATIC THROUGHOUT JOB. 16 BBLs OF CEMENT TO SURFACE
Event	20	Pre-Rig Down Safety Meeting	12/23/2017	03:30:00	USER					ALL HES EMPLOYEES
Event	21	Rig-Down Equipment	12/23/2017	03:35:00	USER					
Event	22	Pre-Convoy Safety Meeting	12/23/2017	04:20:00	USER					ALL HES EMPLOYEES
Event	23	Crew Leave Location	12/23/2017	04:30:00	USER					THANK YOU FOR USING HALLIBURTON CEMENT, DUSTIN SMITH AND CREW