

HALLIBURTON

iCem® Service

**WPX ENERGY ROCKY MOUNTAIN LLC-
EBUS**

For: Kinzie Beavers

Date: Wednesday, March 27, 2016

RU 324-6 Surface

API# 05-045-22607-00

Sincerely,
Grand Junction Cement Engineering

Legal Notice

Warning Disclaimer

Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

Limitations of Liability

Except as expressly set forth herein, there are no representations or warranties by Halliburton, express or implied, including implied warranties of merchantability and/or fitness for a particular purpose. In no event will Halliburton or its suppliers be liable for consequential, incidental, special, punitive or exemplary damages (including, without limitation, loss of data, profits, use of hardware, or software). Customer accepts full responsibility for any investment made based on results from the Software. Any interpretations, analyses or modeling of any data, including, but not limited to Customer data, and any recommendation or decisions based upon such interpretations, analyses or modeling are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and assumptions are not infallible, and with respect to which professional may differ. Accordingly, Halliburton cannot and does not warrant the accuracy, correctness or completeness of any such interpretation, recommendation, modeling or other products of the Software Product. As such, any interpretation, recommendation or modeling resulting from the Software for the purpose of any drilling, well treatment, production or financial decision will be at the sole risk of Customer. Under no circumstances will Halliburton or its suppliers be liable for any damages.

Table of Contents

Real-Time Job Summary
Job Event Log.....

1.0 Real-Time Job Summary

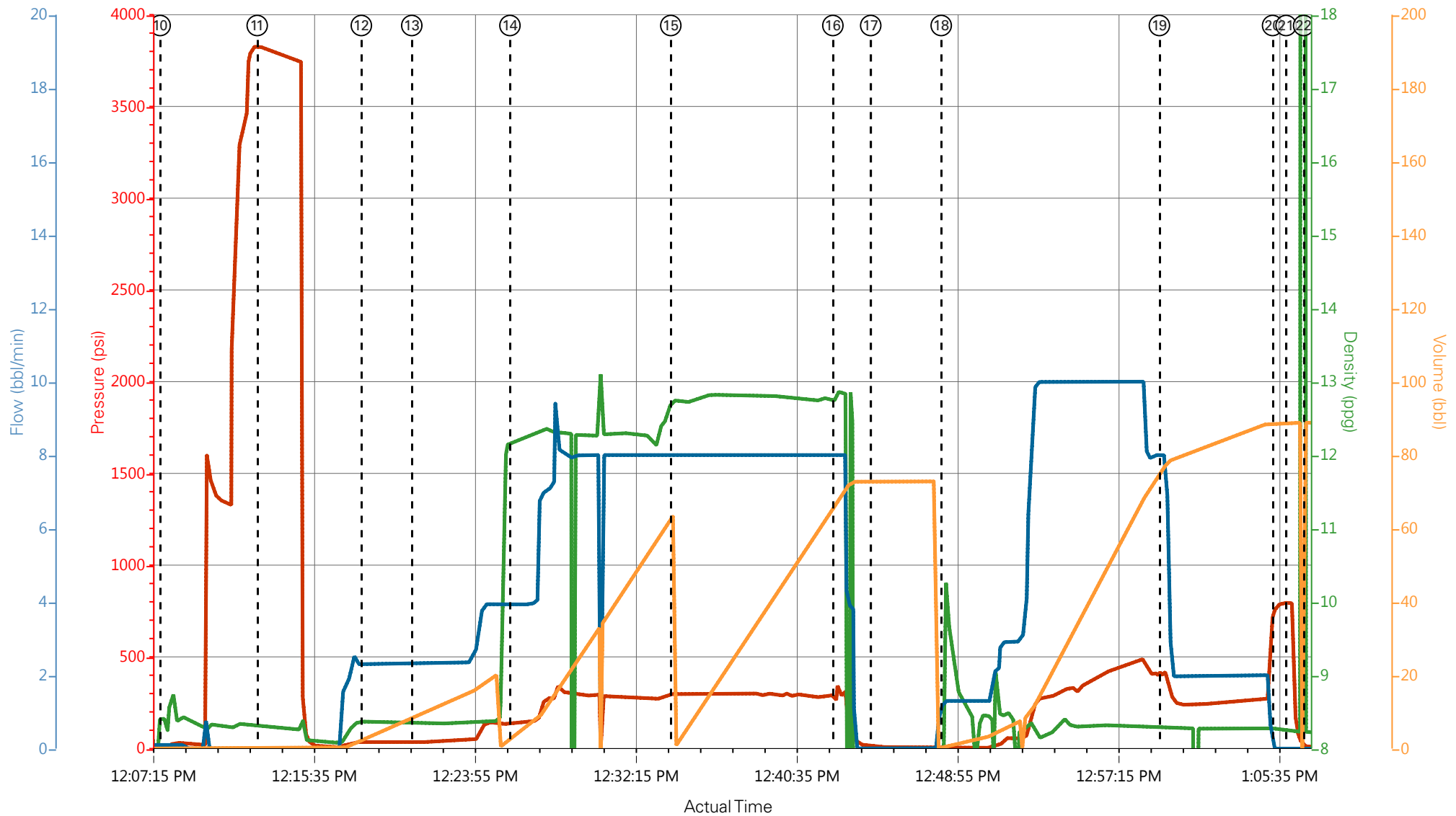
1.1 Job Event Log

Type	Seq. No.	Graph Label	Date	Time	Source	Pass-Side Pump Pressure (psi)	Downhole Density (ppg)	Combined Pump Rate (bbl/min)	Pump Stage Total (bbl)	Comments
Event	1	Call Out	3/27/2016	01:00:00	USER					REQUESTED ON LOCATION @ 0630
Event	2	Pre-Convoy Safety Meeting	3/27/2016	02:45:00	USER					ALL HES PRESENT
Event	3	Crew Leave Yard	3/27/2016	03:00:00	USER					1 F550, 1 PUMP TRUCK & 1 660 BULK TRUCK
Event	4	Arrive At Loc	3/27/2016	05:30:00	USER					RIG PULLING DRILL PIPE
Event	5	Assessment Of Location Safety Meeting	3/27/2016	06:30:00	USER					MET WITH COMP REP, BOBBY BROWN, AND WENT OVER NUMBERS AND JOB PROCEDURE. WALKED AROUND LOCATION AND COLLECTED WATER SAMPLE (PH- 7, CHLORIDES- 0, TEMP- 55F). COMP REP WAS OFFERED SDS FOR ALL CHEMICLES USED BY HES.
Event	6	Pre-Rig Up Safety Meeting	3/27/2016	11:00:00	USER					ALL HES PRESENT
Event	7	Rig-Up Equipment	3/27/2016	11:10:00	USER					HES RIGGED UP EQUIPMENT WITHOUT ENTERING RED ZONE.
Event	8	Pre-Job Safety Meeting	3/27/2016	11:45:00	USER	-1.00	8.28	0.10	1.5	ALL HES AND RIG CREW PRESENT
Event	9	Start Job	3/27/2016	12:06:00	COM5	2.00	8.22	0.10	3.4	T
Event	10	Fill Lines	3/27/2016	12:07:46	COM5	-2.00	8.41	0.10	0.1	8.33 PPG FRESH WATER (2

BBLs)										
Event	11	Test Lines	3/27/2016	12:12:47	COM5	3825.00	8.32	0.00	0.3	ALL LINES HELD PRESSURE AT 3700 PSI
Event	12	Pump Spacer 1	3/27/2016	12:18:11	COM5	34.00	8.37	2.30	2.5	8.33 PPG FRESH WATER (20 BBLs)
Event	13	Check weight	3/27/2016	12:20:48	COM5	35.00	8.36	2.40	8.6	WEIGHT VERIFIED VIA PRESSUREIZED MUD SCALES
Event	14	Pump Lead Cement	3/27/2016	12:25:53	COM5	146.00	12.17	3.90	3.1	VARICEM CEMENT 130 SKS (65.8 BBLs), 12.3 PPG, 2.38 FT3/SK, 13.77 GAL/SK
Event	15	Pump Tail Cement	3/27/2016	12:34:13	COM5	308.00	12.74	8.00	63.8	VARICEM CEMENT 175 SKS (65.8 BBLs), 12.7 PPG, 2.11 FT3/SK, 11.78 GAL/SK
Event	16	Shutdown	3/27/2016	12:42:36	USER	258.00	12.85	8.00	67.2	END OF CEMENT
Event	17	Clean Lines	3/27/2016	12:44:34	USER	10.00	-0.08	0.00	72.8	WASH UP PUMPS AND LINES ON TOP OF PLUG
Event	18	Pump Displacement	3/27/2016	12:48:13	COM5	10.00	9.82	1.30	0.4	8.34 PPG FRESH WATER (85.5 BBLs)
Event	19	Slow Rate	3/27/2016	12:59:31	USER	422.00	8.30	8.00	76.1	SLOW RATE TO 2 BPM PER CO REP TO LAND PLUG
Event	20	Bump Plug	3/27/2016	13:05:23	USER	768.00	8.28	0.00	88.8	LAND PLUG AT 280 PSI, BROUGHT UP TO 780 PSI
Event	21	Check Floats	3/27/2016	13:06:05	USER	794.00	8.26	0.00	88.8	FLOATS HELD, 1 BBL BACK TO TRUCK
Event	22	End Job	3/27/2016	13:07:00	USER	10.00	8.22	0.00	88.8	RETURNS THROUGHOUT JOB, PIPE WAS NOT RECIPROCATED DURING THE JOB, 0 BBL OF CEMENT BACK TO SURFACE
Event	23	Post-Job Safety Meeting (Pre Rig-Down)	3/27/2016	13:15:00	USER					ALL HES PRESENT

Event	24	Rig-Down Equipment	3/27/2016	13:20:00	USER	ALL HES PRESENT
Event	25	Pre-Convoy Safety Meeting	3/27/2016	13:50:00	USER	ALL HES PRESENT
Event	26	Crew Leave Location	3/27/2016	14:00:00	USER	THANK YOU FOR CHOOSING HALLIBURTON CEMENT, CHRIS SMITH AND CREW

WPX/ FED RU 324-6/ 9.625" SURFACE



④ Arrive At Loc n/a;n/a;n/a;n/a	⑦ Rig-Up Equipment n/a;n/a;n/a;n/a	⑩ Fill Lines -2;8.41;0.1;0.1	⑬ Check weight 35;8.36;2.3;8.6	⑯ Shutdown
n/a;n/a;n/a	⑤ Assessment Of Location Safety Meeting n/a;n/a;n/a;n/a	⑧ Pre-Job Safety Meeting -1;8.28;0.1;1.6	⑭ Pump Lead Cement 147;12.17;4;3.2	⑰ Clean Line
⑥ Pre-Rig Up Safety Meeting n/a;n/a;n/a;n/a	⑨ Start Job 2;8.22;0.1;3.4	⑫ Pump Spacer 1 34;8.37;2.3;2.5	⑮ Pump Tail Cement 308.41;12.74;8;37.89	⑱ Pump Disp

WPX/ FED RU 324-6/ 9.625" SURFACE

