

HALLIBURTON

iCem[®] Service

WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

For: Abe Alexander & Lynn Cass

RU 513-7 SURFACE

API# 05-045-23249-00

Sincerely,

Grand Junction Cement Engineering

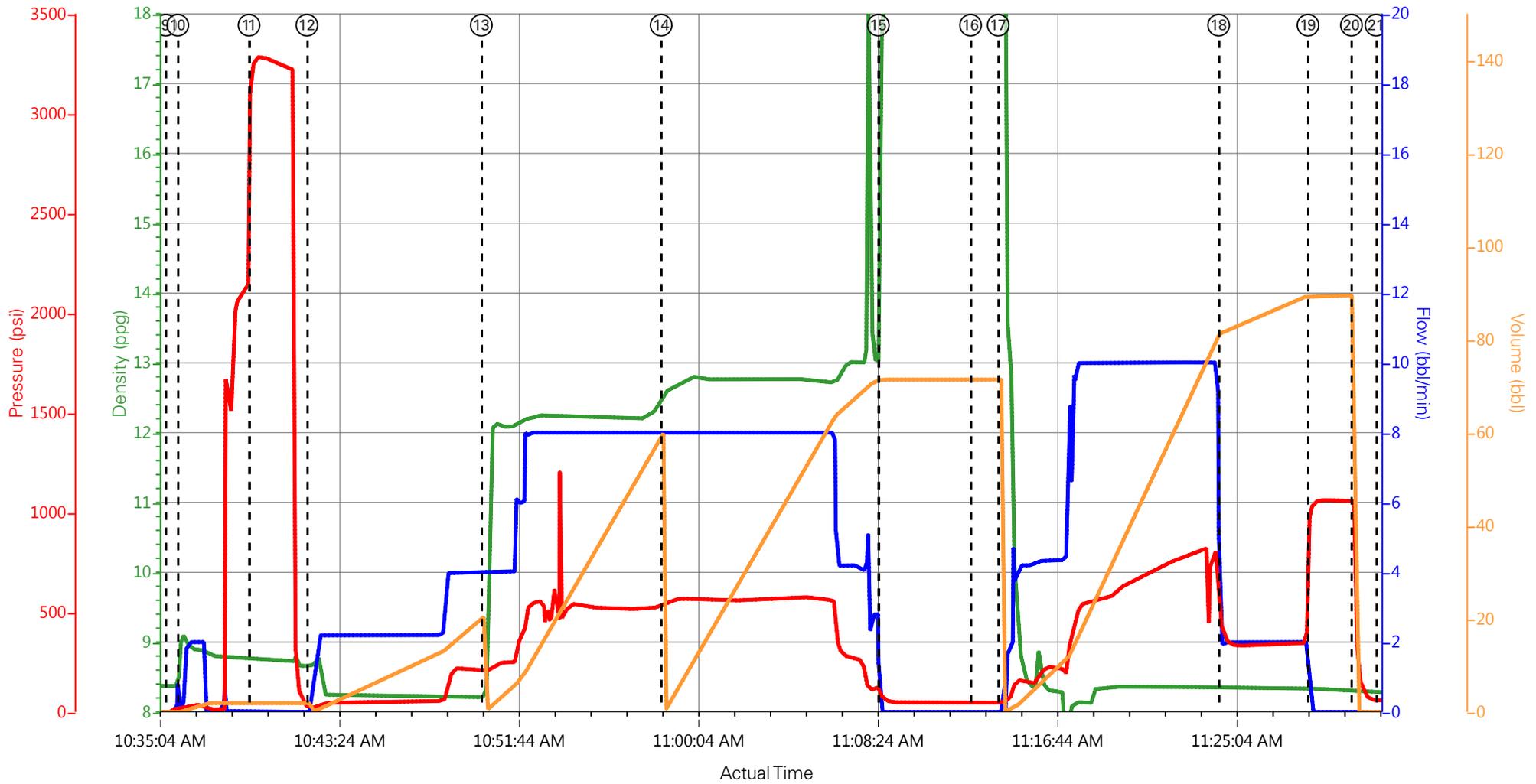
2.0 Real-Time Job Summary

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	12/7/2016	01:30:00	USER					ELITE #4
Event	2	Pre-Convoy Safety Meeting	12/7/2016	04:00:00	USER					ALL HES EMPLOYEES
Event	3	Arrive At Loc	12/7/2016	06:00:00	USER					ARRIVED 2 1/2 HOURS EARLY DID NOT START CHARGING HOURS UNTIL REQUESTED ON LOCATION TIME
Event	4	Assessment Of Location Safety Meeting	12/7/2016	06:15:00	USER					ALL HES EMPLOYEES
Event	5	Pre-Rig Up Safety Meeting	12/7/2016	06:30:00	USER					ALL HES EMPLOYEES
Event	6	Rig-Up Equipment	12/7/2016	06:45:00	USER					1 HT-400 PUMP TRUCK (ELITE #4) 1 660 BULK TRUCK 1 F-550 PICKUP
Event	7	Comment	12/7/2016	06:55:00	USER					CUSTOMER WAS OFFERED SDS WATER TEMP @ 65 F PH: 7 CHLORIDES: 0 PPM
Event	8	Pre-Job Safety Meeting	12/7/2016	10:00:00	USER					ALL HES EMPLOYEES AND RIG CREW RIG CIRCULATED FOR 30 MIN @ 8 BBL/MIN PRIOR TO JOB
Event	9	Start Job	12/7/2016	10:35:30	COM5					TD: 1166 TP: 1156 CSG: 9 5/8 32.3# H-40 SJ: 46 OH:13 1/2 MW: 9.3
Event	10	Prime Lines	12/7/2016	10:36:03	USER	8.33	2.0	80	2.0	PRIME LINES FRESH WATER
Event	11	Test Lines	12/7/2016	10:39:22	COM5	8.33		3286	2.0	PRESSURE TEST OK
Event	12	Fresh Water Spacer	12/7/2016	10:42:03	COM5	8.33	4.0	220	20.0	20 BBL FRESH WATER SPACER
Event	13	Pump Lead Cement	12/7/2016	10:50:09	COM5	12.3	8.0	550	55.1	130 SKS VariCem (55.1 BBLS) 12.3 PPG 2.38 YIELD 13.77 GAL/SK LEAD CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES
Event	14	Pump Tail Cement	12/7/2016	10:58:30	COM5	12.8	8.0	570	65.7	175 SKS VariCem (65.7 BBLS) 12.8 PPG 2.11 YIELD 11.78 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES

Event	15	Shutdown	12/7/2016	11:08:35	USER						
Event	16	Drop Top Plug	12/7/2016	11:12:52	COM5						PLUG AWAY NO ISSUES
Event	17	Pump Displacement	12/7/2016	11:14:09	COM5	8.4	10.0	820	87.4		FRESH WATER DISPLACEMENT WASH UP ON TOP OF PLUG AS PER COMPANY REP REQUEST
Event	18	Slow Rate	12/7/2016	11:24:23	COM5	8.4	2.0	340	77.4		SLOW RATE PRIOR TO BUMPING PLUG
Event	19	Bump Plug	12/7/2016	11:28:32	COM5	8.4	2.0	340	87.4		PRESSURE PRIOR TO BUMPING PLUG @ 340 PSI BUMPED PLUG UP TO 1057 PSI
Event	20	Check Floats	12/7/2016	11:30:33	COM5	8.4		1057	87.4		1/2 BBL BACK TO TRUCKS TANK
Event	21	End Job	12/7/2016	11:31:41	COM5						GOOD RETURNS THROUGHOUT JOB PIPE WAS STATIC THROUGHOUT JOB CIRCULATED 17 BBLs CEMENT TO SURFACE
Event	22	Pre-Rig Down Safety Meeting	12/7/2016	12:15:00	USER						ALL HES EMPLOYEES
Event	23	Rig-Down Equipment	12/7/2016	12:30:00	USER						
Event	24	Pre-Convoy Safety Meeting	12/7/2016	12:45:00	USER						ALL HES EMPLOYEES
Event	25	Crew Leave Location	12/7/2016	13:00:00	USER						THANK YOU FOR USING HALLIBURTON CEMENT DAVID CAMPBELL AND CREW

TEP - YOUBERG RU 513-7 - 9 5/8 SURFACE



— DH Density (ppg)
 — Comb Pump Rate (bbl/min)
 — PS Pump Press (psi)
 — Pump Stg Tot (bbl)

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|---|--------------------------|----------------------|---------------------|-------------------------------|
| ① Call Out | ⑥ Rig-Up Equipment | ⑪ Test Lines | ⑯ Drop Top Plug | ⑳ End Job |
| ② Pre-Convoy Safety Meeting | ⑦ Comment | ⑫ Fresh Water Spacer | ⑰ Pump Displacement | ㉒ Pre-Rig Down Safety Meeting |
| ③ Arrive At Loc | ⑧ Pre-Job Safety Meeting | ⑬ Pump Lead Cement | ⑱ Slow Rate | ㉓ Rig-Down Equipment |
| ④ Assessment Of Location Safety Meeting | ⑨ Start Job | ⑭ Pump Tail Cement | ⑲ Bump Plug | ㉔ Pre-Convoy Safety Meeting |
| ⑤ Pre-Rig Up Safety Meeting | ⑩ Prime Lines | ⑮ Shutdown | ㉔ Check Floats | ㉕ Crew Leave Location |

▼ **HALLIBURTON** | iCem® Service

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Edit

Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

Job Date: 12/7/2016

Well: RU 513-7

Representative: TED RAGSDALE

Sales Order #: 0903707338

ELITE #4: DAVID CAMPBELL / BRANDON REEVES

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