

HALLIBURTON

iCem[®] Service

WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

For: Mark Mewshaw

Date: Sunday, May 29, 2016

GM 43-8 Surface

Sincerely,

Grand Junction Cement Engineering

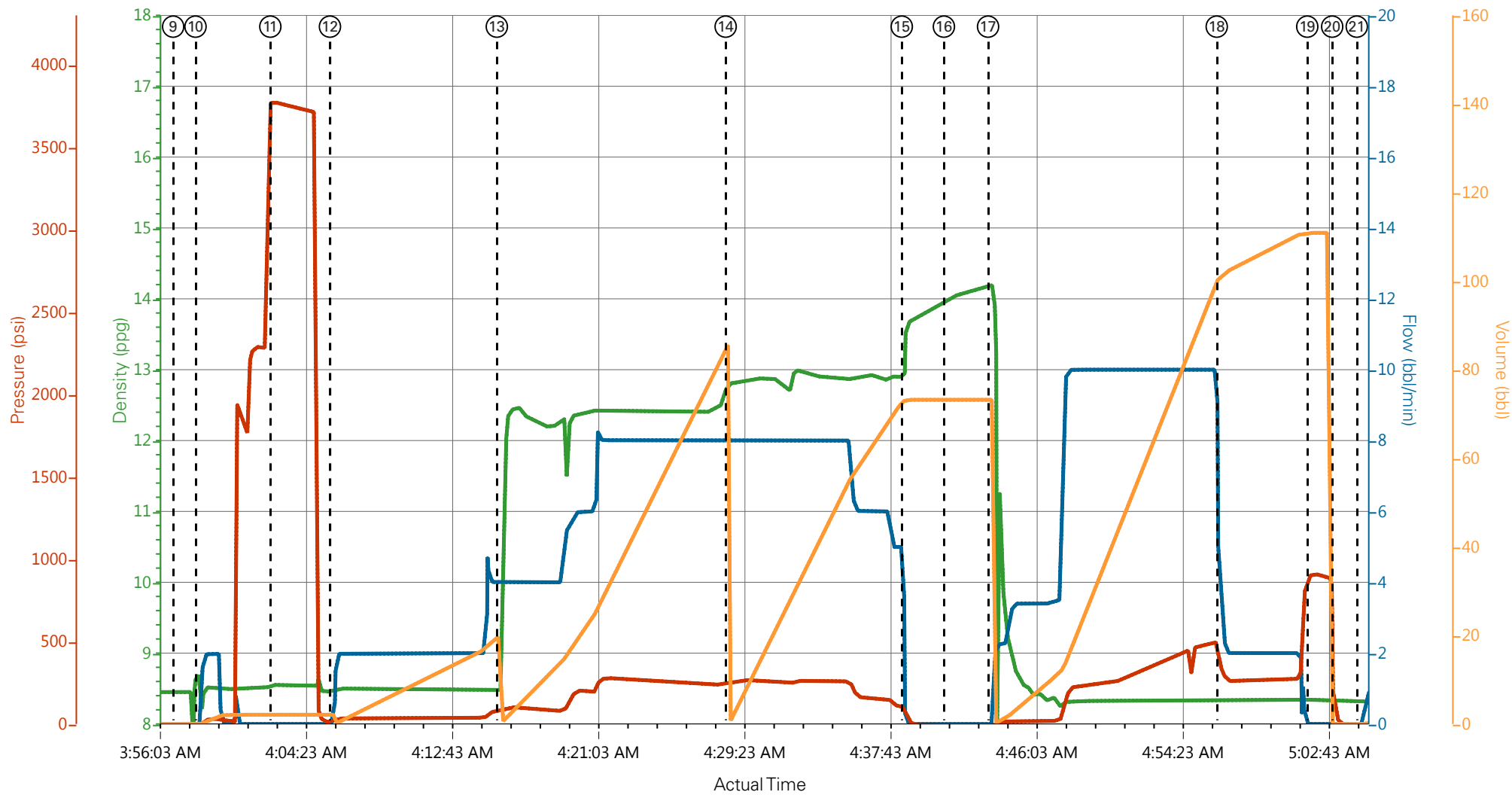
1.0 Real-Time Job Summary

1.1 Job Event Log

Type	Seq. No.	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comments
Event	1	Call Out	5/28/2016	19:00:00	USER					REQUESTED ON LOCATION @ 0100
Event	2	Pre-Convoy Safety Meeting	5/28/2016	21:00:00	USER					ALL HES PRESENT
Event	3	Crew Leave Yard	5/28/2016	21:15:00	USER					1 F550 & 1 660 BULK TRUCK, 1 BODYLOAD BULK TRUCK, 1 PUMP TRUCK
Event	4	Arrive at Location from Service Center	5/28/2016	23:00:00	USER					RIG PULLING DRILL PIPE
Event	5	Assessment Of Location Safety Meeting	5/28/2016	23:10:00	USER					JSA COMPLETED, COMPANY REP WAS OFFERED AND RECEIVED SDS FOR ALL CHEMICALS USED BY HES. COLLECTED WATER SAMPLE (PH- 7, CHLORIDES >200, TEMP- 57F).
Event	6	Pre-Rig Up Safety Meeting	5/28/2016	23:20:00	USER					ALL HES PRESENT
Event	7	Rig-up Lines	5/28/2016	23:30:00	USER					HARDLINE TO FLOOR WITH STANDPIPE, BULKS HOSES TO SILOS AND 660, WATER HOSE TO UPRIGHT.
Event	8	Pre-Job Safety Meeting	5/29/2016	03:30:00	USER					ALL HES EMPLOYEES AND RIG CREW. RIG CIRCULATED FOR 40 MINS 200 PSI @ 4 BBL/MIN PRIOR TO JOB START
Event	9	Start Job	5/29/2016	03:57:00	COM6					TD 1407', TP 1406', SJ 46.7', OH 13.5'', CSG 9.625'' 32.3 lb/ft, MUD 9.4 PPG.
Event	10	Prime Pumps	5/29/2016	03:58:16	COM6	8.33	2	32	2	FRESH WATER TO PRIME LINES
Event	11	Test Lines	5/29/2016	04:02:32	COM6	8.33	0.00	3776.00	.5	ALL LINES HELD PRESSURE AT 3738 PSI
Event	12	Pump Spacer 1	5/29/2016	04:05:56	COM6	8.33	20	75	4	FRESH WATER SPACER
Event	13	Pump Lead Cement	5/29/2016	04:15:27	COM6	12.3	8.00	220	78.4	185 SKS 12.3 PPG 2.38 YIELD 13.77 GAL/SK
Event	14	Pump Tail Cement	5/29/2016	04:28:30	COM6	12.8	8.00	254.00	65.8	175 SKS 12.8 PPG 2.11 YIELD 11.78 GAL/SK

Event	15	Shutdown	5/29/2016	04:38:33	USER						WASH UP ON TOP OF PLUG AS PER COMPANY REP
Event	16	Drop Top Plug	5/29/2016	04:40:57	COM6						VERIFIED PLUG LAUNCHED
Event	17	Pump Displacement	5/29/2016	04:43:28	COM6	8.33	10	480	106.8		FRESH WATER
Event	18	Slow Rate	5/29/2016	04:56:30	USER	8.33	2	262	96		SLOW RATE 10 BBLS PRIOR TO CALCULATED DISPLACEMENT TO BUMP PLUG
Event	19	Bump Plug	5/29/2016	05:01:40	COM6	8.33	2	870	106.8		LAND PLUG AT 262 PSI, BROUGHT UP TO 870 PSI
Event	20	Check Floats	5/29/2016	05:03:05	USER						FLOATS HELD, 1/2 BBL BACK TO TRUCK
Event	21	End Job	5/29/2016	05:04:30	COM6						GOOD RETURNS THROUGHOUT JOB, PIPE WAS NOT RECIPROCATED DURING THE JOB, 15 BBL OF CEMENT BACK TO SURFACE
Event	22	Pre-Rig Down Safety Meeting	5/29/2016	05:15:00	USER						
Event	23	Pre-Convoy Safety Meeting	5/29/2016	05:45:00	USER						ALL HES PRESENT
Event	24	Crew Leave Location	5/29/2016	06:00:00	USER						THANK YOU FOR CHOOSING HALLIBURTON CEMENT, RYAN MUHLESTEIN AND CREW

WPX Energy Rocky Mtn. - Federal GM 43-8 - Surface Casing



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

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|--|-----------------------------|--------------------|---------------------|--------------------------------|
| ① Call Out | ⑥ Pre-Rig Up Safety Meeting | ⑪ Test Lines | ⑯ Drop Top Plug | 21 End Job |
| ② Pre-Convoy Safety Meeting | ⑦ Rig-up Lines | ⑫ Pump Spacer 1 | ⑰ Pump Displacement | 22 Pre-Rig Down Safety Meeting |
| ③ Crew Leave Yard | ⑧ Pre-Job Safety Meeting | ⑬ Pump Lead Cement | ⑱ Slow Rate | 23 Pre-Convoy Safety Meeting |
| ④ Arrive at Location from Service Center | ⑨ Start Job | ⑭ Pump Tail Cement | ⑲ Bump Plug | 24 Crew Leave Location |
| ⑤ Assessment Of Location Safety Meeting | ⑩ Prime Pumps | ⑮ Shutdown | 20 Check Floats | |

▼ **HALLIBURTON** | iCem® Service

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Edit

Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

Job Date: 5/29/2016 3:26:58 AM

Well: FED GM 43-8

Representative: BOBBY BROWN

Sales Order #: 903338158

ELITE 8: MUHLESTEIN/ KUKUS

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