

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

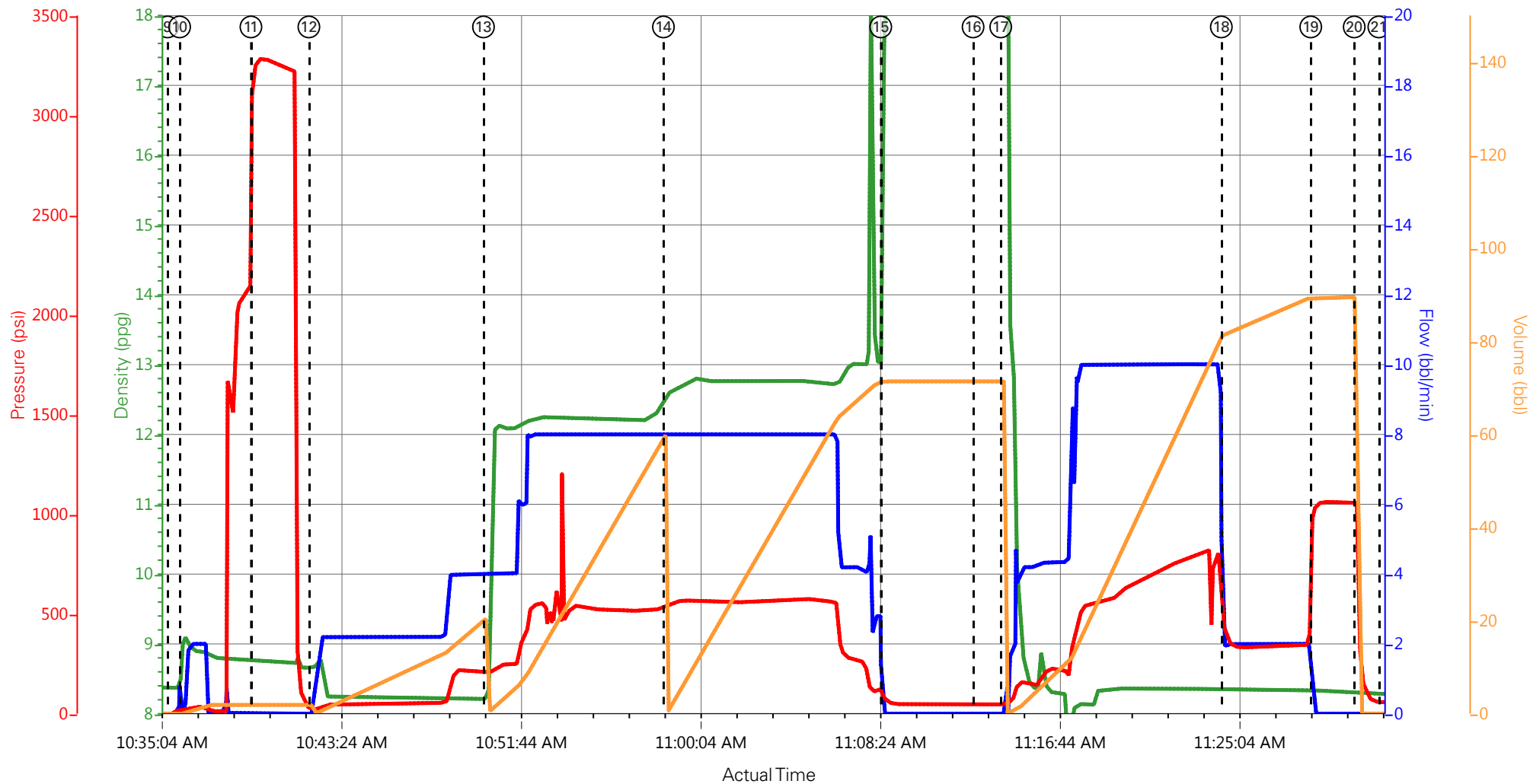
2.0 Real-Time Job Summary

2.1 Job Event Log

| Type | Seq. No. | Graph Label | Date | Time | Source | DH Density (ppg) | Comb Pump Rate (bbl/min) | PS Pump Press (psi) | Pump Stg Tot (bbl) | 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 |

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|---|--------------------------|----------------------|---------------------|--------------------------------|
| ① Call Out | ⑥ Rig-Up Equipment | ⑪ Test Lines | ⑯ Drop Top Plug | 21 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 | 20 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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