

# HALLIBURTON

iCem<sup>®</sup> Service

## **WPX ENERGY ROCKY MOUNTAIN LLC-EBUS**

**For: Kinzie Beavers/Dylan Goudie**

Date: Wednesday, February 03, 2016

## **RU 342-8 Production PJR**

API# 05-045-22762-00

Job Date: Wednesday, February 03, 2016

Sincerely,

**Grand Junction Cement Engineers**

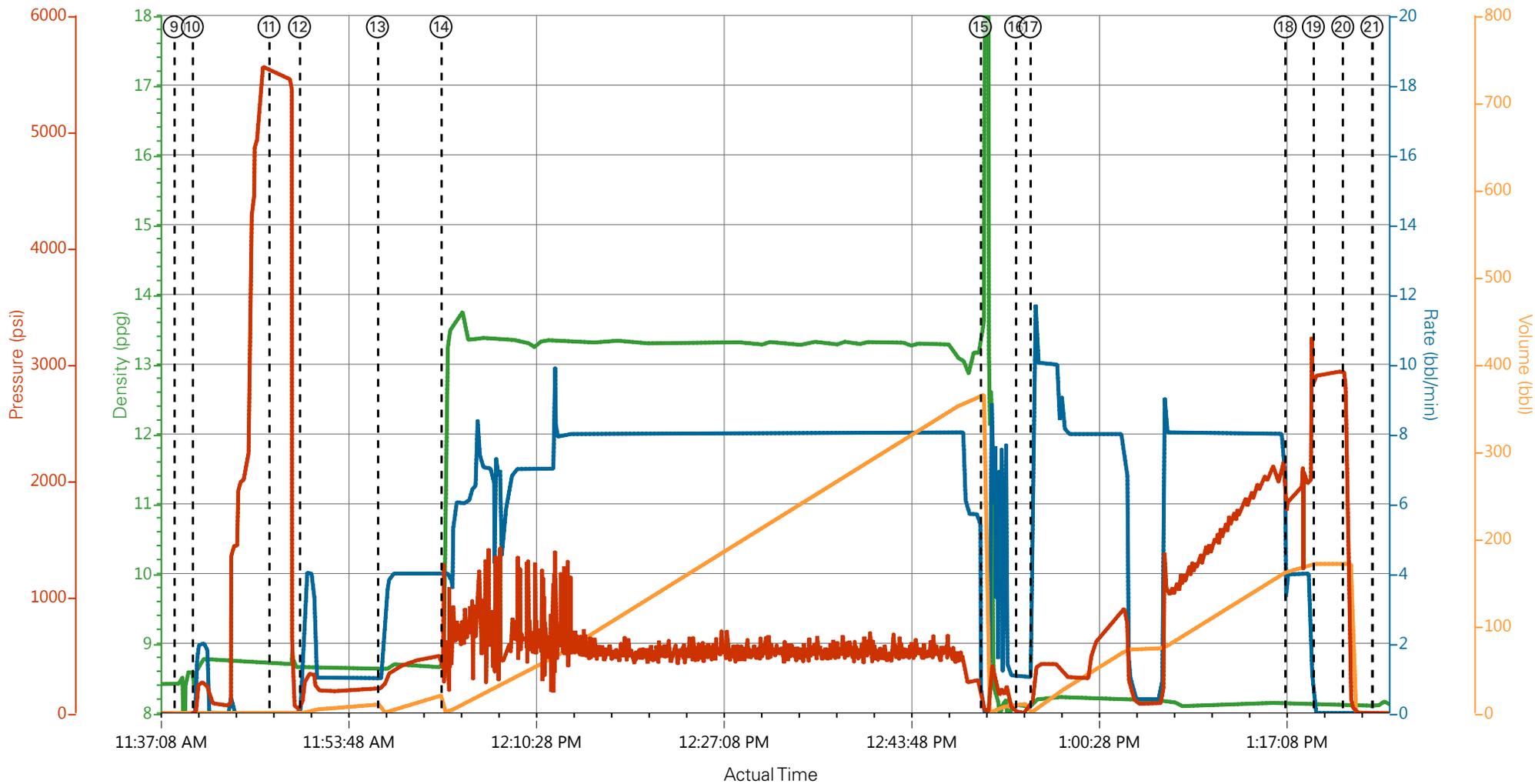
## 1.0 Real-Time Job Summary

### 1.1 Job Event Log

Type	Seq. No.	Activity	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	2/2/2016	21:00:00	USER					Crew already in field - O/L time to chain up area 0400
Event	2	Pre-Convoy Safety Meeting	2/2/2016	22:45:00	USER					
Event	3	Crew Leave Yard	2/2/2016	23:00:00	USER					1 Elite, 1 660, 1 wash up truck, 1 pickup
Event	4	Arrive At Loc	2/3/2016	05:00:00	USER					Rig still running casing
Event	5	Assessment Of Location Safety Meeting	2/3/2016	05:15:00	USER					JSA completed - customer offered/received SDS - water test pH 7.5, Cl 0, temp 79 degrees
Event	6	Pre-Rig Up Safety Meeting	2/3/2016	07:45:00	USER					
Event	7	Rig-Up Equipment	2/3/2016	08:00:00	USER					1 hardline to floor, manifold on ground, line to wash up truck, water hoses to upright and day tank, bulk hoses to silo and 660
Event	8	Pre-Job Safety Meeting	2/3/2016	11:15:00	USER					All HES personnel, rig crew, and company rep
Event	9	Start Job	2/3/2016	11:38:37	USER					TD 10663', TP 10653', SJ 32', Mud 10.3, 8 3/4" OH, 9 5/8" 32.3#surf csg @ 1218', 4 1/2" 11.6# csg
Event	10	Prime Pumps	2/3/2016	11:40:13	COM5	290	8.33	2.0	2.0	Bottom plug launched
Event	11	Test Lines	2/3/2016	11:47:02	COM5	5563				Pressure held well
Event	12	Pump Spacer 1	2/3/2016	11:49:44	COM5	220	8.33	1.0	10.0	Fresh water ahead
Event	13	Pump Spacer 2	2/3/2016	11:56:40	COM5	495	8.33	4.0	20.0	Mud Flush

Event	14	Pump Cement	2/3/2016	12:02:18	COM5	805	13.3	8.0	308.1	1000 sks EconoCem, 13.3 ppg, 1.73 yield, 7.81 gal/sk
Event	15	Clean Lines	2/3/2016	12:50:13	COM5					Wash up to truck
Event	16	Drop Top Plug	2/3/2016	12:53:21	COM5					Plug launched
Event	17	Pump Displacement	2/3/2016	12:54:39	COM5	2170	8.33	8.0	164.6	3 lbs BE-6, 1 gal MMCR, 2% KCl
Event	18	Slow Rate	2/3/2016	13:17:18	USER	1840		4.0		Good returns throughout job
Event	19	Bump Plug	2/3/2016	13:19:48	COM5	2108				
Event	20	Other	2/3/2016	13:22:24	COM5	2970				Floats held – 1 ½ bbl flowback
Event	21	End Job	2/3/2016	13:25:00	COM5					2 add hours, no sugar used
Event	22	Pre-Rig Down Safety Meeting	2/3/2016	13:45:00	USER					
Event	23	Rig-Down Equipment	2/3/2016	14:00:00	USER					
Event	24	Pre-Convoy Safety Meeting	2/3/2016	14:45:00	USER					
Event	25	Crew Leave Location	2/3/2016	15:00:00	USER					Thank you for using Halliburton - Ed Deussen and crew

# WPX - RU 342-8 - 4 1/2" PRODUCTION



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

- |   |                             |                         |                     |                                |
|---|-----------------------------|-------------------------|---------------------|--------------------------------|
| 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 Equipment          | ⑫ Pump H2O Spacer       | ⑰ Pump Displacement | 22 Pre-Rig Down Safety Meeting |
| ③ Crew Leave Yard                       | ⑧ Pre-Job Safety Meeting    | ⑬ Pump Mud Flush Spacer | ⑱ Slow Rate         | 23 Rig-Down Equipment          |
| ④ Arrive At Loc                         | ⑨ Start Job                 | ⑭ Pump Cement           | ⑲ Bump Plug         | 24 Pre-Convoy Safety Meeting   |
| ⑤ Assessment Of Location Safety Meeting | ⑩ Prime Lines               | ⑮ Shutdown/Wash up      | 20 Check Floats     | 25 Crew Leave Location         |

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Created: 2016-02-03 05:30:53, Version: 4.2.393

[Edit](#)

Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

Job Date: 2/3/2016 9:28:02 AM

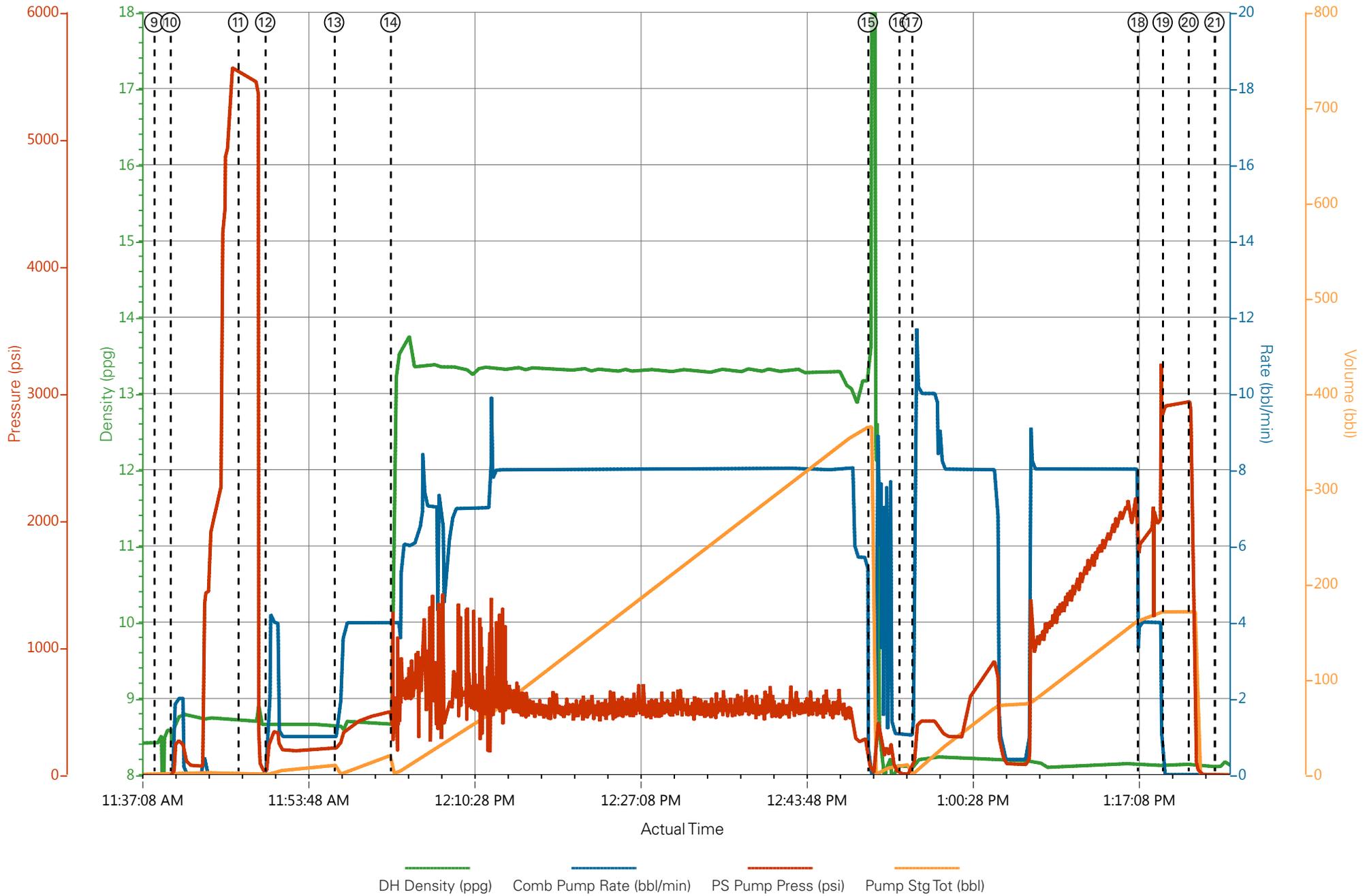
Well: RU 342-8

Representative: Beaudé Oaks

Sales Order #: 903096003

Elite #4: Ed Deussen / Carl Kukus

# WPX - RU 342-8 - 4 1/2" PRODUCTION



### Job Information

<b>Request/Slurry</b>	2300767/1	<b>Rig Name</b>	H&P 318	<b>Date</b>	29/JAN/2016
<b>Submitted By</b>	Evan Russell	<b>Job Type</b>	Production Casing	<b>Bulk Plant</b>	Grand Junction
<b>Customer</b>	WPX Energy, Inc.	<b>Location</b>	Garfield	<b>Well</b>	RU 342-8

### Well Information

<b>Casing/Liner Size</b>	4.5 in	<b>Depth MD</b>	10638 ft	<b>BHST</b>	121°C / 249°F
<b>Hole Size</b>	8.75 in	<b>Depth TVD</b>	9941 ft	<b>BHCT</b>	82°C / 179°F
<b>Pressure</b>	6260 psi				

### Drilling Fluid Information

<b>Mud Supplier Name</b>	<b>Mud Trade Name</b>	<b>Density</b>
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### Cement Information - Primary Design

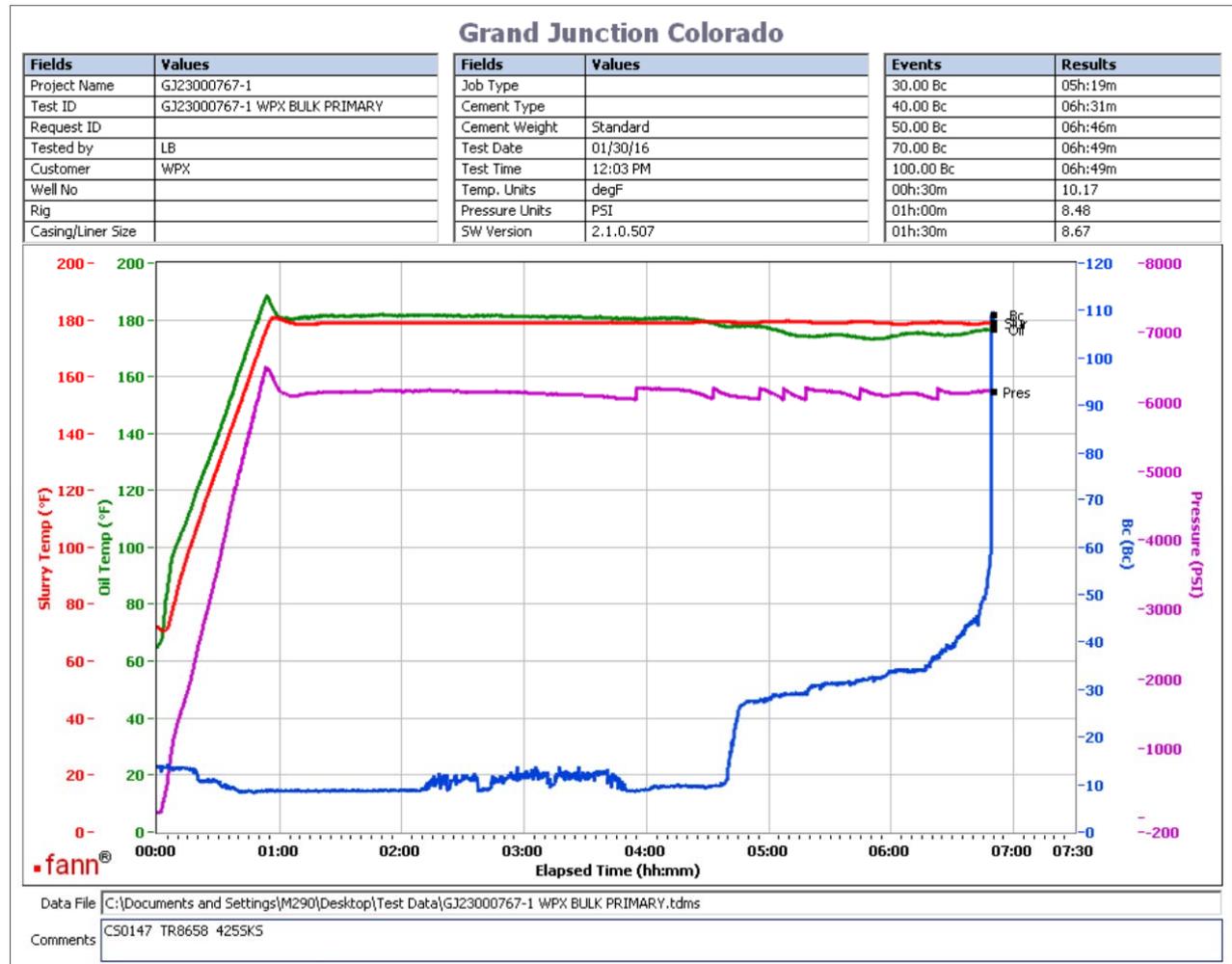
<u>Conc</u>	<u>UOM</u>	<u>Cement/Additive</u>	<u>Sample Type</u>	<u>Sample Date</u>	<u>Lot No.</u>	<u>Cement Properties</u>		
>	Mountain G		Bulk Blend	30.01.16	29	Slurry Density	13.30	lb/gal
>	San Juan		Bulk Blend	30.01.16	19	Slurry Yield	1.733	ft3/sack
	Cement Blend					Water Requirement	7.799	gal/sack
	Fresh Water		Lab	12.03.13		Total Mix Fluid	7.799	gal/sack
	HALAD-344 (PB)		Bulk Blend	30.01.16	15031940			
	SA-1015 (PB)		Bulk Blend	30.01.16	5A0007W			
	SUPER CBL		Bulk Blend	30.01.16	15L0055	Water Source	Fresh Water	
	SS-200 silica flour		Bulk Blend	30.01.16	Tank 6&25	Water Chloride		
	Kol-Seal		Bulk Blend	30.01.16	Tank 1&20			
	Pol-E-Flake		Bulk Blend	30.01.16				
	HR-601		Bulk Blend	30.01.16	69			
	HALAD-413 (PB)		Bulk Blend	30.01.16	ZM5B0425A0			

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Thickening Time

30/JAN/2016

Temp (°F)	Pressure (psi)	Reached in (min)	Start BC	30 Bc (hh:mm)	40 Bc (hh:mm)	50 Bc (hh:mm)	70 Bc (hh:mm)	100 Bc (hh:mm)
179	6260	53	14	5:19	6:31	6:46	6:49	6:49



Total Sacks 1000  
 CS0147 TR8658 425SKS

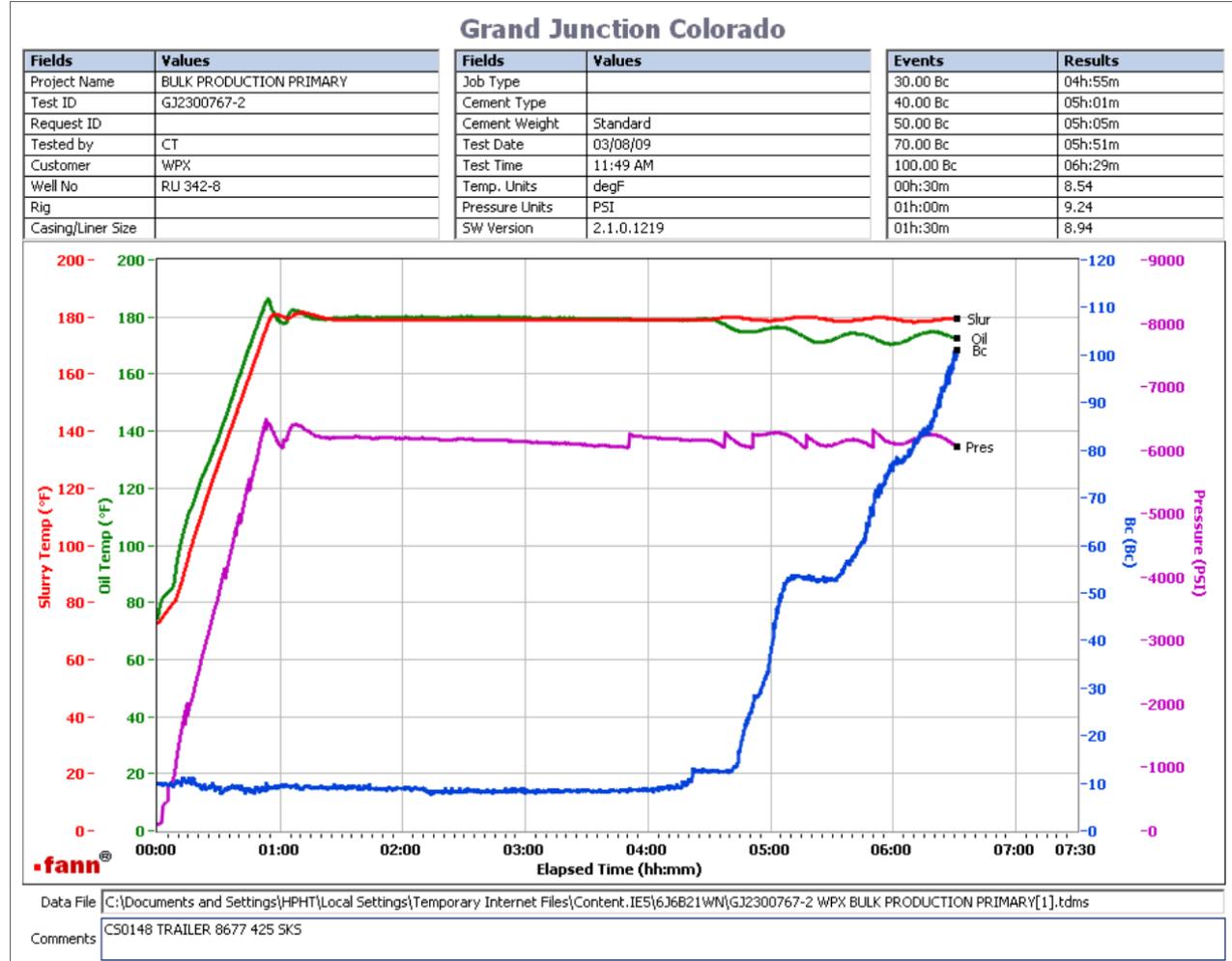
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# Operation Test Results Request ID 2300767/2

## Thickening Time

30/JAN/2016

Temp (°F)	Pressure (psi)	Reached in (min)	Start BC	30 Bc (hh:mm)	40 Bc (hh:mm)	50 Bc (hh:mm)	70 Bc (hh:mm)	100 Bc (hh:mm)
179	6260	53	10	4:55	5:01	5:05	5:51	6:29



Total Sacks 1000  
CS0148 Trailer 8677 425 sks

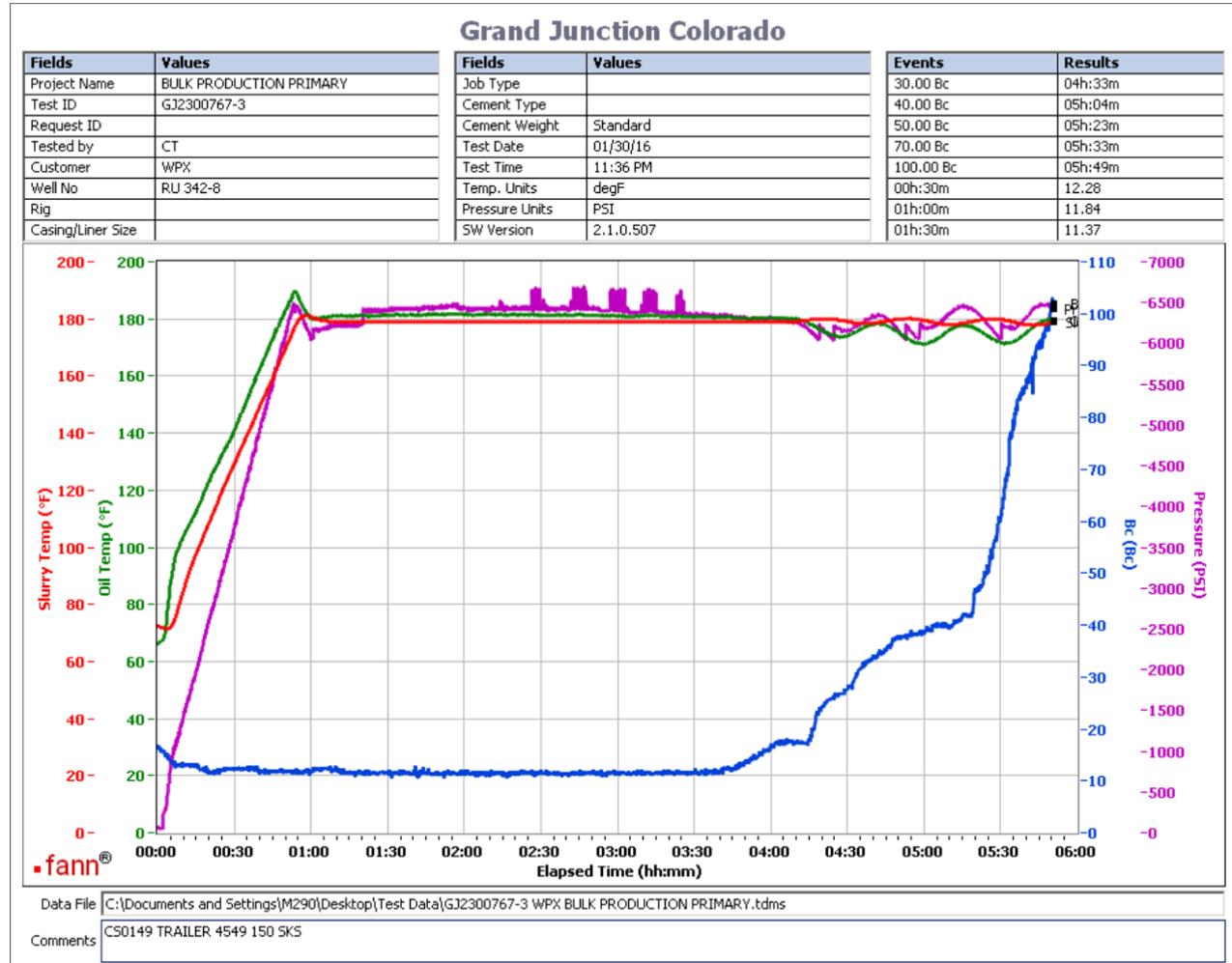
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# Operation Test Results Request ID 2300767/3

## Thickening Time

31/JAN/2016

Temp (°F)	Pressure (psi)	Reached in (min)	Start BC	30 Bc (hh:mm)	40 Bc (hh:mm)	50 Bc (hh:mm)	70 Bc (hh:mm)	100 Bc (hh:mm)
179	6260	53	17	4:33	5:04	5:23	5:33	5:49



Total Sacks 1000  
 CS0149 Trailer 4549 150 sks

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