

HALLIBURTON

iCem[®] Service

TERRA ENERGY PARTNERS

United States of America, COLORADO

Date: Friday, June 01, 2018

RU 424-17

API# 05-045-23742-00

Terra RU 424-17 Surface

Job Date: Tuesday, May 22, 2018

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	5/22/2018	09:00:00	USER					
Event	2	Pre-Convoy Safety Meeting	5/22/2018	11:50:00	USER					JOURNEY MANAGEMENT COMPLETE, AS WELL AS JSA
Event	3	Crew Leave Yard	5/22/2018	12:00:00	USER					
Event	4	Arrive At Loc	5/22/2018	14:45:00	USER					JOURNEY MANAGEMENT CLOSED OUT.
Event	5	Assessment Of Location Safety Meeting	5/22/2018	15:00:00	USER					
Event	6	Pre-Rig Up Safety Meeting	5/22/2018	15:05:00	USER					JSA COMPLETE
Event	7	Other	5/22/2018	15:10:00	USER					WATER TEST: PH-7, TEMP-65, CL-0, TP- 1108, TD-1118, F.C.- 1060, HOLE- 13 1/2, MUD#-9.3
Event	8	Rig-Up Equipment	5/22/2018	15:10:00	USER					
Event	9	Pre-Job Safety Meeting	5/22/2018	15:25:00	USER					JSA COMPLETE
Event	10	Start Job	5/22/2018	15:43:00	COM5					
Event	11	Test Lines	5/22/2018	15:44:39	COM5			3133.0		3133 PSI
Event	12	Pump Spacer	5/22/2018	15:50:00	USER	8.33	4.0	113	20.0	FRESH WATER
Event	13	Pump Lead Cement	5/22/2018	15:56:26	COM5	12.30	8.00	500.0	46.9	125 SKS VARICEM, 12.3 PPG, 2.38 FT3/SK, 13.77 GAL/SK
Event	14	Pump Tail Cement	5/22/2018	16:03:37	COM5	12.80	8.00	530.0	74.2	175 SKS VARICEM, 12.8 PPG, 2.11 FT3/SK, 11.78 GAL/SK

Event	15	Shutdown	5/22/2018	16:13:20	COM5					WASH UP ON TOP OF PLUG
Event	16	Drop Top Plug	5/22/2018	16:16:56	COM5					PLUG AWAY
Event	17	Pump Displacement	5/22/2018	16:17:07	COM5	8.33	10.00	720.0	83.4	FRESH WATER
Event	18	SLOW RATE	5/22/2018	16:27:44	COM5	8.32	2.10	259.0	73.4	TO BUMP PLUG
Event	19	Bump Plug	5/22/2018	16:31:25	COM5	8.33	0.00	260.0	83.4	PLUG BUMPED
Event	20	CHECK FLOATS	5/22/2018	16:33:04	COM5			938.00		FLOATS HELD 0.5 BBLs BACK TO TRUCK
Event	21	End Job	5/22/2018	16:34:25	COM5					GOOD RETURNS THROUGH OUT JOB, NO PIPE MOVEMENT, 23 BBLs CMT TO SURFACE
Event	22	Post-Job Safety Meeting (Pre Rig-Down)	5/22/2018	16:45:00	USER					JSA COMPLETE
Event	23	Rig Down Lines	5/22/2018	16:50:00	USER					
Event	24	Crew Leave Location	5/22/2018	17:30:00	USER					

2.0 Attachments

2.1 CHART.png

