

HALLIBURTON

iCem[®] Service

URSA RESOURCES GROUP

For: Ursa

Date: Thursday, March 23, 2017

BMC D 22B-18-07-95 Surface

API# 05-045-23314-00

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	3/23/2017	05:00:00	USER					ELITE AND FRUE WAITING IN FIELD
Event	2	Pre-Convoy Safety Meeting	3/23/2017	09:45:00	USER					ALL HES PRESENT
Event	3	Depart from Service Center or Other Site	3/23/2017	10:00:00	USER					CREW DEPART FROM DEBEQUE CO 1-UTILITY 450 PICK UP,1-COMPRESSOR TRAILER, 1-ELITE, 1-FRUE
Event	4	Arrive at Location from Service Center	3/23/2017	10:30:00	USER					RIG STUCK IN HOLE
Event	5	Assessment Of Location Safety Meeting	3/23/2017	10:35:00	USER					DISCUSSED JOB PROCEDURE SDS OFFERED
Event	6	Pre-Rig Up Safety Meeting	3/23/2017	17:30:00	USER					ALL HES PRESENT
Event	7	Rig-Up Completed	3/23/2017	18:50:00	USER					1-ELITE, 2" PUMP IRON, 4" SUCTION HOSE, 1-SILO, 8.625" QUICK LATCH PLUG CONTAINER
Event	8	Pre-Job Safety Meeting	3/23/2017	19:15:00	USER					ALL HES AND RIG CREW PRESENT
Event	9	Other	3/23/2017	19:30:00	USER					RIG CIRCULTED 110BBLS 10PPG 39 VISC MUD, AT 5.3 BPM, 130 PSI. WATER TEST PH-7, CL-0, TEMP- 55
Event	10	Start Job	3/23/2017	19:39:25	COM5	8.36	0.00	5.00	0.0	TD-1750', TP-1734', SJ-45', CSG-8.625" 32# J55 LTC, OH-12.25", CNDT-16" ID 15.124" 77', MUD-10.4PPG
Event	11	Prime Pumps	3/23/2017	19:44:28	COM5	8.37	2.00	47.00	2.0	FRESH WATER
Event	12	Test Lines	3/23/2017	19:50:07	COM5	8.47	0.00	3308.00	2.1	ALL PRESSURE HELD ON LINES
Event	13	Pump Spacer 1	3/23/2017	19:54:02	COM5	8.37	4.00	130.00	20.0	FRESH WATER
Event	14	Pump Lead Cement	3/23/2017	20:03:01	COM5	12.34	8.00	393.00	115.7	VARICEM 264 SKS, 12.3 PPG, 2.46CF/SK, 14.17GAL/SK
Event	15	Pump Tail Cement	3/23/2017	20:20:25	COM5	12.80	8.00	277.00	46.6	VARICEM 120 SKS, 12.8 PPG, 2.18CF/SK, 12.11GAL/SK

Event	16	Shutdown	3/23/2017	20:30:37	USER	12.77	0.00	31.00	46.6	WASHED PUMPS AND LINES ON TOP OF PLUG
Event	17	Drop Top Plug	3/23/2017	20:32:13	USER					PLUG DROP VERIFIED BY TATTLE AND WITNESSED BY R.MCNEIL
Event	18	Pump Displacement	3/23/2017	20:32:54	COM5	8.36	8.00	605.00	102.9	FRESH WATER
Event	19	Slow Rate	3/23/2017	20:52:42	USER	8.36	2.00	396.00	92.0	SLOW RATE LAST 10 BBLS
Event	20	Bump Plug	3/23/2017	20:55:16	COM5	8.37	1.10	460.00	102.9	PLUG BUMPED 460 PSI
Event	21	Check Floats	3/23/2017	20:56:57	USER	8.35	0.00	1104.00	0.0	.5 BBLS BACK, FLOATS HELD
Event	22	End Job	3/23/2017	20:58:00	USER	8.35	0.00	1.00	0.0	15 BBLS CEMENT TO SURFACE, GOOD RETURNS THROUGH OUT JOB
Event	23	Pre-Rig Down Safety Meeting	3/23/2017	21:00:00	USER					ALL HES PRESENT
Event	24	Rig-Down Completed	3/23/2017	21:30:00	USER					
Event	25	Pre-Convoy Safety Meeting	3/23/2017	22:00:00	USER					1-ELITE, 1-450 UTILITY PICK UP, 1-COMPRESSOR TRAILER
Event	26	Crew Leave Location	3/23/2017	22:15:00	USER					THANK YOU FOR CHOOSING HALLIBURTON, ANDREW BRENNECKE AND CREW