

HALLIBURTON

iCem[®] Service

URSA RESOURCE GROUP II LLC

API/UWI #: 05-045-22845-00

For: Hans Wychgram

Date: Monday, May 29, 2017

BMC B 23C-18-07-95 Surface PJR

API# 05-045-23324-00

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	5/29/2017	14:00:00	USER					Requested on Location @ 2030
Event	2	Pre-Convoy Safety Meeting	5/29/2017	17:00:00	USER					With all HES personnel
Event	3	Crew Leave Yard	5/29/2017	17:15:00	USER					1 Elite, 1 pickup and compressor tractor
Event	4	Arrive At Loc	5/29/2017	19:15:00	USER					Rig still running casing
Event	5	Assessment Of Location Safety Meeting	5/29/2017	19:20:00	USER					JSA completed - Customer offered/received SDS - water test pH 7.0, Cl <200, temp 65 degrees
Event	6	Pre-Rig Up Safety Meeting	5/29/2017	19:30:00	USER					With all HES personnel
Event	7	Rig-Up Equipment	5/29/2017	19:40:00	USER					1 hardline and standpipe, water hoses to upright, bulk hoses to silo.
Event	8	Pre-Job Safety Meeting	5/29/2017	21:00:00	USER					All HES personnel, rig crew, and company rep
Event	9	Start Job	5/29/2017	21:41:06	COM6					TD 1818', TP 1797', SJ 44', CSG 8 5/8" 32 LB/FT J55, OH 12 1/4", Mud 10.4 PPG, Rig circulated for one hour at 7 bpm
Event	10	Prime Lines	5/29/2017	21:43:21	COM6	8.4	2.0	24.0	2.0	Fresh water
Event	11	Test Lines	5/29/2017	21:45:35	COM6			3535.0		Tested lines to 3535 psi, Pressure holding
Event	12	Pump Water Spacer	5/29/2017	21:48:12	COM6	8.4	3.0	50.0	20.0	Fresh Water
Event	13	Pump Lead Cement	5/29/2017	21:55:14	COM6	12.3	8.0	250.0	120.9	276Sks 12.3 ppg 2.46 yield 14.17 gal/sk

Event	14	Check weight	5/29/2017	21:55:41	COM6					Density verified via pressurized mud scale.
Event	15	Pump Tail Cement	5/29/2017	22:10:58	COM6	12.8	8.00	265.0	47.0	121Sks 12.8 ppg 2.18 yield 12.11 gal/sk
Event	16	Check weight	5/29/2017	22:12:41	COM6					Density verified via pressurized mud scale.
Event	17	Slow Rate	5/29/2017	22:16:05	USER	12.8	6.0	135.0	35.0	Slowed rate to finish cement
Event	18	Shutdown	5/29/2017	22:19:16	USER					
Event	19	Drop Top Plug	5/29/2017	22:22:32	COM6					Verify Plug Launched
Event	20	Pump Displacement	5/29/2017	22:22:41	COM6	8.4	10.0	650.0	106.8	Fresh Water
Event	21	Slow Rate	5/29/2017	22:36:17	USER	8.4	2.0	360.0	96.0	Slow Rate 10 bbls to Calculated Displacement
Event	22	Bump Plug	5/29/2017	22:40:36	COM6			390.0		Plug Bumped at 390 psi, Brought up to 997 psi
Event	23	Check Floats	5/29/2017	22:41:46	USER			997.0		Floats holding, 1/2 bbl back to pump
Event	24	End Job	5/29/2017	22:42:32	COM6					Good returns throughout job, pipe was not reciprocated during cement, 35 bbls of cement to surface.
Event	25	Pre-Rig Down Safety Meeting	5/29/2017	22:45:00	USER					40 lbs sugar, No add hours
Event	26	Rig-Down Equipment	5/29/2017	22:55:00	USER					
Event	27	Pre-Convoy Safety Meeting	5/29/2017	23:45:00	USER					With all HES personnel
Event	28	Crew Leave Location	5/29/2017	23:58:00	USER					
Event	29	Comment	5/29/2017	23:59:00	USER					Thank you for using Halliburton Cement, Steven Wardell and Crew