

HALLIBURTON

iCem[®] Service

URSA RESOURCE GROUP II LLC

For: Ursa

Date: Friday, June 02, 2017

BMC B 23D-18-07-95 Surface

API# 05-045-23318-00

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	6/1/2017	22:30:00	USER					Requested on Location @ 0430
Event	2	Pre-Convoy Safety Meeting	6/2/2017	02:01:00	USER					With all HES personnel
Event	3	Crew Leave Location	6/2/2017	02:15:00	USER					1 Elite, 1 pickup and compressor tractor
Event	4	Arrive At Loc	6/2/2017	03:00:00	USER					Rig still running casing
Event	5	Assessment Of Location Safety Meeting	6/2/2017	03:10:00	USER					JSA completed - Customer offered/received SDS - water test pH 7.0, CI <200, temp 62 degrees
Event	6	Pre-Rig Up Safety Meeting	6/2/2017	05:30:00	USER					With all HES personnel
Event	7	Rig-Up Equipment	6/2/2017	06:00:00	USER					1 hardline and standpipe, water hoses to upright, bulk hoses to silo.
Event	8	Pre-Job Safety Meeting	6/2/2017	07:45:00	USER					All HES personnel, rig crew, and company rep
Event	9	Start Job	6/2/2017	08:13:03	COM6					TD 1980', TP 1965', SJ 45', CSG 8 5/8" 32 LB/FT J55, OH 12 1/4", MUD 10.4 PPG
Event	10	Prime Lines	6/2/2017	08:16:55	COM6	8.4	2.00	77.0	2.0	Fresh Water
Event	11	Test Lines	6/2/2017	08:20:37	COM6			3580.0		Tested lines to 3580 psi, pressure holding
Event	12	Pump Water Spacer	6/2/2017	08:23:44	COM6	8.4	3.5	20.0	100.0	Fresh Water, Downhole reading sporadic, corrected issue
Event	13	Pump Lead Cement	6/2/2017	08:31:18	COM6	12.3	8.0	250.0	134.1	306 Sks 12.3 ppg 2.46 yield 14.17 gal/sk
Event	14	Check weight	6/2/2017	08:32:43	COM6					Density verified via pressurized mud scale.
Event	15	Pump Tail Cement	6/2/2017	08:49:02	COM6	12.8	8.0	250.0	47.0	121 Sks 12.8 ppg 2.18 yield 12.11 gal/sk
Event	16	Check weight	6/2/2017	08:49:35	COM6					Density verified via pressurized mud scale.
Event	17	Slow Rate	6/2/2017	08:52:35	USER	12.8	6.0	140.0	38.0	Slowed rate to finish cement

Event	18	Shutdown	6/2/2017	08:56:20	USER					Wash up on top of plug
Event	19	Pump Displacement	6/2/2017	08:58:59	COM6	8.4	10.0	660.0	117.0	Fresh Water
Event	20	Drop Top Plug	6/2/2017	08:59:06	COM6					Verified plug launch
Event	21	Slow Rate	6/2/2017	09:13:13	USER	8.4	2.0	390.0	107.0	Slow Rate 10 bbls to Calculated Displacement
Event	22	Bump Plug	6/2/2017	09:17:27	COM6			420.0		Plug Bumped at 420 psi, Brought up to 1430 psi
Event	23	Check Floats	6/2/2017	09:20:18	USER			1430.0		Floats holding - 1/2 bbl back to pump
Event	24	End Job	6/2/2017	09:21:05	COM6					Good returns throughout job, pipe was not reciprocated during cement, 40 bbls of cement to surface.
Event	25	Pre-Rig Down Safety Meeting	6/2/2017	10:00:00	USER					40lbs sugar used, no add hours
Event	26	Rig-Down Equipment	6/2/2017	10:10:00	USER					
Event	27	Pre-Convoy Safety Meeting	6/2/2017	11:15:00	USER					With all HES personnel
Event	28	Crew Leave Location	6/2/2017	11:30:00	USER					
Event	29	Comment	6/2/2017	11:45:00	USER					Thank you for using Halliburton Cement, Steven Wardell and Crew