

HALLIBURTON

iCem[®] Service

URSA RESOURCES GROUP

For: Hans Wychgram

Date: Thursday, January 21, 2016

MONUMENT RIDGE B 24B-08-7-95 Surface

API#05-045-22910-00

Sincerely,

Grand Junction Cement Engineering

1.0 Real-Time Job Summary

1.1 Job Event Log

Type	Seq. No.	Graph Label	Date	Time	Source	PS Pump Press (psi)	DH Density (ppg)	Comb Pump Rate (bbl/min)	Pump Sig Tot (bbl)	Comments
Event	1	Call Out	1/21/2016	11:23:19	USER					REQUESTED ON LOCATION @ 0730
Event	2	Pre-Convoy Safety Meeting	1/21/2016	11:29:06	USER					ALL HES PRESENT
Event	3	Crew Leave Yard	1/21/2016	11:29:15	USER					1 F550, 1 660 AND 1 410 BODY LOAD, 1 ELITE
Event	4	Arrive At Loc	1/21/2016	11:29:24	USER					RIG MAKING UP SHOE JOINT
Event	5	Assessment Of Location Safety Meeting	1/21/2016	11:29:36	USER					MET WITH COMP REP, RICHARD, AND WENT OVER NUMBERS AND JOB PROCEDURE. WALKED AROUND LOCATION AND COLLECTED WATER SAMPLE (PH- 7, CHLORIDES- 0, TEMP- 55F). COMP REP WAS OFFERED SDS FOR ALL CHEMICALS USED BY HES.
Event	6	Pre-Rig Up Safety Meeting	1/21/2016	11:29:45	USER					HES RIGGED UP EQUIPMENT WITHOUT ENTERING RED ZONE.
Event	7	Rig-Up Equipment	1/21/2016	11:29:58	USER					ALL HES PRESENT
Event	8	Pre-Job Safety Meeting	1/21/2016	11:30:52	USER					ALL HES AND RIG CREW PRESENT
Event	9	Start Job	1/21/2016	12:57:23	COM6					TD 1870', TP 1156', SJ 43', OH 12.25", CSG 8.625" 32#, MUD 9.4 PPG.
Event	10	Fill Lines	1/21/2016	12:58:04	USER	112.00	8.37	2.10	2.0	8.33 PPG FRESH WATER
Event	11	Test Lines	1/21/2016	13:00:51	COM6	3508.00	8.46	0.00	2.0	ALL LINES HELD PRESSURE AT 3508 PSI
Event	12	Pump Spacer 1	1/21/2016	13:04:37	COM6	123.00	8.31	2.10	20.8	8.33 PPG FRESH WATER (20 BBL)
Event	13	Check weight	1/21/2016	13:07:36	COM6					WEIGHT VERIFIED VIA PRESSUREIZED MUD SCALES
Event	14	Pump Lead Cement	1/21/2016	13:12:38	COM6	249.00	12.29	4.00	124.0	VARICEM CEMENT 284 SKS (124 BBLs), 12.7 PPG, 2.46 FT3/SK, 14.17 GAL/SK
Event	15	Check weight	1/21/2016	13:22:21	COM6		12.29			WEIGHT VERIFIED VIA PRESSUREIZED MUD SCALES

Event	16	Pump Tail Cement	1/21/2016	13:30:15	COM6	274.00	12.84	6.00	46.4	VARICEM CEMENT 120 SKS (47 BBLs), 12.8 PPG, 2.18 FT3/SK, 12.11 GAL/SK
Event	17	Check weight	1/21/2016	13:31:52	COM6		13.81			WEIGHT VERIFIED VIA PRESSUREIZED MUD SCALES
Event	18	Shutdown	1/21/2016	13:38:01	COM6					END OF CEMENT
Event	19	Drop Plug	1/21/2016	13:40:29	COM6					WASH UP PUMPS AND LINES ON TOP OF PLUG
Event	20	Pump Displacement	1/21/2016	13:41:46	COM6					8.34 PPG FRESH WATER (110.4 BBLs)
Event	21	Slow Rate	1/21/2016	13:57:51	USER	531.00	8.31	4.00	100.3	SLOW RATE TO 2 BPM PER CO REP TO LAND PLUG
Event	22	Bump Plug	1/21/2016	14:00:28	COM6	988.00	8.31	0.00	109.0	LAND PLUG AT 490 PSI, BROUGHT UP TO 940 PSI
Event	23	Check Floats	1/21/2016	14:01:27	USER	1003.00	8.31	0.00	109.0	FLOATS HELD, .5 BBL BACK TO TRUCK
Event	24	End Job	1/21/2016	14:02:39	COM6					RETURNS THROUGHOUT JOB, PIPE WAS NOT RECIPROCATED DURING THE JOB, 20 BBL OF CEMENT BACK TO SURFACE.
Event	25	Post-Job Safety Meeting (Pre Rig-Down)	1/21/2016	14:04:00	USER					ALL HES PRESENT
Event	26	Rig-Down Equipment	1/21/2016	14:05:04	USER					ALL HES PRESENT
Event	27	Pre- Convoy Safety Meeting	1/21/2016	14:06:37	USER					ALL HES PRESENT
Event	28	Crew Leave Location	1/21/2016	14:08:23	USER					THANK YOU FOR CHOOSING HALLIBURTON CEMENT, CHRIS SMITH AND CREW