

HALLIBURTON

iCem[®] Service

URSA RESOURCES GROUP II LLC

For: Ursa

Date: Wednesday, July 26, 2017

BMC B 32A-13-07-96 Surface

API #05-045-23482-00

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 <i>(ppg)</i>	Comb Pump Rate <i>(bbl/min)</i>	PS Pump Press <i>(psi)</i>	Pump Stg Tot <i>(bbl)</i>	Comments
Event	1	Call Out	7/25/2017	14:00:00	USER					REQUESTED ON LOCATION @ 20:00
Event	2	Pre-Convoy Safety Meeting	7/25/2017	15:45:00	USER					ALL HES PERSONNEL PRESENT
Event	3	Crew Leave Yard	7/25/2017	16:00:00	USER					1 HT 400 PUMP TRUCK E8, 1 550 SERVICE PICKUP. 1 FREUHAUF LOAD FOR NEXT SURFACE
Event	4	Arrive At Loc	7/25/2017	18:00:00	USER					ARRIVED TO LOCATION 2 HOURS EARLY, RIG RUNNING CASING UPON HES ARRIVAL
Event	5	Assessment Of Location Safety Meeting	7/25/2017	18:30:00	USER					MET WITH COMP REP, AND WENT OVER NUMBERS AND JOB PROCEDURE. WALKED AROUND LOCATION AND COLLECTED WATER SAMPLE (PH- 7.5, CHLORIDES- 500, TEMP- 69F). COMP REP WAS OFFERED SDS FOR ALL CHEMICLES USED BY HES.
Event	6	Spot Equipment	7/25/2017	19:00:00	USER					1 HT 400 PUMP TRUCK E8, 1 550 SERVICE PICKUP. 1 FREUHAUF LOAD FOR NEXT SURFACE
Event	7	Pre-Rig Up Safety Meeting	7/25/2017	19:30:00	USER					ALL HES PERSONNEL PRESENT
Event	8	Pre-Job Safety Meeting	7/25/2017	21:30:00	USER					ALL HES EMPLOYEES AND RIG CREW PRESENT, RIG CIRCULATED @ 9.5 BPM PRIOR TO JOB, PRESSURE WAS 160 PSI
Event	9	Start Job	7/25/2017	22:26:05	USER					TD 1943', TP 1923' OF 8 5/8" 32# J-55 SURFACE CSG, SJ 45', OH 12 1/4"', MUD 10.2 PPG
Event	10	Prime Lines	7/25/2017	22:26:55	USER	8.33	2.0	60	2	FRESH WATER
Event	11	Test Lines	7/25/2017	22:32:58	COM5			3380		PRESSURE HELD

Event	12	Pump H2O Spacer	7/25/2017	22:36:49	COM5	8.33	4.0	240	20	FRESH WATER
Event	13	Check weight	7/25/2017	22:43:36	COM5					WEIGHT VERIFIED VIA BALANCED MUD SCALES
Event	14	Pump Lead Cement	7/25/2017	22:44:59	COM5	12.3	8.0	350	128	292 SKS VARICEM CMT 12.3 PPG, 2.46 FT3/SK, 14.17 GAL/SK
Event	15	Pump Tail Cement	7/25/2017	23:02:16	COM5	12.8	8.0	300	47	121 SKS VARICEM CMT 12.8 PPG, 2.18 FT3/SK, 12.11 GAL/SK
Event	16	Check weight	7/25/2017	23:03:36	COM5					WEIGHT VERIFIED VIA BALANCED MUD SCALES
Event	17	Slow Rate	7/25/2017	23:04:26	USER					SLOWED TO END CEMENT
Event	18	Shutdown	7/25/2017	23:09:43	USER					END OF CEMENT. SHUTDOWN, WASHED UP ONTOP OF PLUG
										VERIFIED BY FLAG INDICATOR AND COMPANY REP
Event	19	Drop Top Plug	7/25/2017	23:11:32	USER					
Event	20	Pump Displacement	7/25/2017	23:12:05	COM5	8.33	10	720	104.4	FRESH WATER
Event	21	Slow Rate	7/25/2017	23:26:15	USER	8.33	2.0	410	10	SLOWED TO BUMP PLUG
Event	22	Bump Plug	7/25/2017	23:31:23	COM5	8.33	2.0	420	114.4	BUMPED PLUG
Event	23	Check Floats	7/25/2017	23:32:37	USER	8.33	0.00	117.00	0.0	FLOATS HELD 1/2 BBL FLOWED BACK TO TANK
Event	24	End Job	7/25/2017	23:33:12	USER					RETURNS THROUGHOUT JOB, 30 BBLs CMT TO SURFACE, USED 40 LBS SUGAR
Event	25	Pre-Rig Down Safety Meeting	7/25/2017	23:45:00	USER					ALL HES PERSONNEL PRESENT
Event	26	Pre-Convoy Safety Meeting	7/26/2017	01:45:00	USER					8 5/8" PLUG CONTAINER WITH VALVES LEFT ON RIG FLOOR FOR NEXT SURFACE. SURFACE CEMENT IS LOADED INTO SILO AS WELL.
Event	27	Crew Leave Location	7/26/2017	02:00:00	USER					THANK YOU FOR CHOOSING HALLIBURTON CEMENT, DUSTIN HYDE AND CREW