

# HALLIBURTON

iCem<sup>®</sup> Service

## **URSA RESOURCES GROUP II LLC**

**For: Hans Wychgram**

Date: Saturday, August 13, 2016

**TOMPKINS 42C-08-07-95 Surface**

**API# 05-045-22474-00**

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>	DS Pump Press <i>(psi)</i>	Pump Stg Tot <i>(bbl)</i>	Comments
Event	1	Call Out	8/13/2016	06:00:00	USER					REQUESTED ON LOC @ 06:00
Event	2	Pre-Convoy Safety Meeting	8/13/2016	07:45:00	USER					ALL HES PRESENT
Event	3	Crew Leave Yard	8/13/2016	08:00:00	USER					1 HT 400 PUMP TRUCK E8, 2 660 BULK TRUCKS, 1 550 SERVICE PICKUP
Event	4	Arrive At Loc	8/13/2016	09:33:00	USER					RIG RUNNING CASING UPON HES ARRIVAL
Event	5	Assessment Of Location Safety Meeting	8/13/2016	09:40:00	USER					MET WITH COMP REP, AND WENT OVER NUMBERS AND JOB PROCEDURE. WALKED AROUND LOCATION AND COLLECTED WATER SAMPLE (PH- 7, CHLORIDES- 0, TEMP- 63F). COMP REP WAS OFFERED SDS FOR ALL CHEMICLES USED BY HES.
Event	6	Pre-Rig Up Safety Meeting	8/13/2016	09:50:00	USER					ALL HES PRESENT
Event	7	Pre-Job Safety Meeting	8/13/2016	10:30:00	USER					ALL HES AND RIG CREW PRESENT. RIG CIRCULATED 30 MIN, 400 GPM, 200 PSI
Event	8	Start Job	8/13/2016	11:06:07	USER					TD 1870', TP 1854', SJ 45', OH 12 ¼", CSG 8 5/8" 32# J-55, MUD 10 PPG,
Event	9	Fill Lines	8/13/2016	11:06:51	USER	8.33	2.0	80	2	FRESH WATER
Event	10	Test Lines	8/13/2016	11:12:23	COM5			3100		PRESSURE HELD
Event	11	Pump H2O Spacer	8/13/2016	11:17:45	COM5	8.33	4.0	130	20	FRESH WATER
Event	12	Check weight	8/13/2016	11:18:53	COM5					WEIGHT VERIFIED VIA PRESSUREIZED MUD SCALES
Event	13	Pump Lead Cement	8/13/2016	11:24:46	COM5	12.32	8.0	270	125	286 SKS, 12.3 PPG, 2.46 YIELD, 14.17 GAL / SK
Event	14	Pump Tail Cement	8/13/2016	11:41:54	COM5	12.8	8.0	250	46.6	120 SKS, 12.8 PPG, 2.18 YIELD, 12.11 GAL / SK

Event	15	Check weight	8/13/2016	11:42:44	COM5						WEIGHT VERIFIED VIA PRESSUREIZED MUD SCALES
Event	16	Slow Rate	8/13/2016	11:46:14	USER						SLOWED TO END CMT
Event	17	Shutdown	8/13/2016	11:49:09	USER						END OF CMT
Event	18	Drop Top Plug	8/13/2016	11:51:36	USER						3RD PARTY PLUG WENT VERIFIED BY FLAG INDICATOR
Event	19	Pump Displacement	8/13/2016	11:52:25	COM5	8.33	8.0	560	100		FRESH WATER
Event	20	Slow Rate	8/13/2016	12:08:58	USER	8.33	2.0	390	10		SLOWED TO BUMP
Event	21	Bump Plug	8/13/2016	12:15:37	COM5	8.33	2.0	400	110		PLUG BUMPED
Event	22	Check Floats	8/13/2016	12:16:49	USER				1100		FLOATS HELD .5 BBL FLOW BACK
Event	23	End Job	8/13/2016	12:17:32	USER	8.27	0.00	18.00	115.0		30 BBLS CMT TO SURFACE USED 60 LBS SUGAR
Event	24	Post-Job Safety Meeting (Pre Rig-Down)	8/13/2016	12:20:00	USER						ALL HES PRESENT
Event	25	Pre-Convoy Safety Meeting	8/13/2016	12:45:00	USER						1 HT 400 PUMP TRUCK E8, 2 660 BULK TRUCKS, 1 550 SERVICE PICKUP
Event	26	Crew Leave Location	8/13/2016	13:00:00	USER						THANK YOU FOR USING HALLIBURTON CMT, DUSTIN HYDE AND CREW