

# HALLIBURTON

iCem<sup>®</sup> Service

## **URSA RESOURCES GROUP II LLC**

**For: Hans Wychgram**

Date: Sunday, August 07, 2016

**TOMPKINS 32A-08-07-95 Surface**

**API# 05-045-22477-00**

**Sincerely,**

**Grand Junction Cement Engineering**

## 2.0 Real-Time Job Summary

## 2.1 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	8/6/2016	22:00:00	USER					ELITE #4
Event	2	Pre-Convoy Safety Meeting	8/7/2016	00:00:00	USER					ALL HES EMPLOYEES
Event	3	Arrive At Loc	8/7/2016	01:00:00	USER					ARRIVED ON LOCATION 3 HOURS EARLY DIDNT START CHARGING TIME UNTIL REQUESTED ON LOCATION TIME RIG STARTING TO RUN CASING UPON HES ARRIVAL
Event	4	Meet With Company Rep	8/7/2016	01:10:00	USER					COMPANY REP OFFERED SDS WATER TEST: TEMP:68 PH: 7 CHLORIDES: 0
Event	5	Assessment Of Location Safety Meeting	8/7/2016	01:20:00	USER					ALL HES EMPLOYEES
Event	6	Pre-Rig Up Safety Meeting	8/7/2016	02:30:00	USER					ALL HES EMPLOYEES
Event	7	Rig-Up Equipment	8/7/2016	03:00:00	USER					1 HT-400 PUMP TRUCK (ELITE #4) 1 SILO 1 COMPRESSOR TRAILER 1 F-550 PICKUP
Event	8	Pre-Job Safety Meeting	8/7/2016	03:45:00	USER					ALL HES EMPLOYEES AND RIG CREW RIG CIRCULATED @ 9 BPM PRIOR TO THE JOB
Event	9	Start Job	8/7/2016	04:02:51	COM5					TD:1870 TP: 1853 SJ: 44 CSG: 8 5/8 32# J-55 OH: 12 1/4 MUD WT: 10.0 PPG 39 VIS 16" CONDUCTOR SET @ 77'
Event	10	Prime Lines	8/7/2016	04:03:51	COM5	8.33	2.0	77	2.0	PRIME LINES WITH 2 BBLS FRESH WATER
Event	11	Test Lines	8/7/2016	04:05:35	COM5	8.33	0.0	3096	2.0	PRESSURE TEST OK
Event	12	Pump Fresh Water Spacer	8/7/2016	04:10:04	COM5	8.33	4.0	155	20	PUMP 20 BBL FRESH WATER SPACER
Event	13	Pump Lead Cement	8/7/2016	04:17:38	COM5	12.3	8.0	360	124.4	284 SKS 12.3 PPG 2.46 YIELD 14.17 GAL/SK LEAD CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES
Event	14	Pump Tail Cement	8/7/2016	04:34:49	COM5	12.8	8.0	320	46.7	120 SKS 12.8 PPG 2.18 YIELD 12.11 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES

Event	15	Shutdown	8/7/2016	04:44:54	COM5					
Event	16	Drop Top Plug	8/7/2016	04:47:21	COM5					WASHED UP ON TOP OF THE PLUG AS PER COMPANY REP USED TOP PLUG PROVIDED BY COMPANY REP AND REMOVED TOP PLUG FROM THE TICKET
Event	17	Pump Displacement	8/7/2016	04:48:11	COM5	8.33	8.0	630	110.2	FRESH WATER DISPLACEMENT
Event	18	Slow Rate	8/7/2016	05:03:58	COM5	8.33	2.0	480	100	SLOW RATE TO BUMP PLUG
Event	19	Bump Plug	8/7/2016	05:09:28	COM5	8.33	2.0	1020	110.2	PSI BEFORE BUMPING PLUG @ 480 BUMPED PLUG UP TO 1020 PSI
Event	20	Check Floats	8/7/2016	05:14:28	COM5					FLOATS HELD 1/2 BBL BACK TO DISPLACEMENT TANKS
Event	21	End Job	8/7/2016	05:17:31	COM5					GOOD RETURNS THROUGHOUT JOB 50 BBLS CEMENT TO SURFACE RIG USED 70#S OF SUGAR
Event	22	Pre-Rig Down Safety Meeting	8/7/2016	05:20:00	USER					ALL HES EMPLOYEES
Event	23	Rig-Down Equipment	8/7/2016	05:30:00	USER					
Event	24	Pre-Convoy Safety Meeting	8/7/2016	06:45:00	USER					ALL HES EMPLOYEES
Event	25	Crew Leave Location	8/7/2016	07:00:00	USER					THANK YOU FOR USING HALLIBURTON CEMENT, DUSTIN SMITH AND CREW