

# HALLIBURTON

iCem<sup>®</sup> Service

## **URSA RESOURCES GROUP II LLC**

**For: NATE GILL**

Date: Sunday, January 10, 2016

**43D-08-07-95**

API/UWI #: **05-045-22965-00**

MONUMENT RIDGE B

903044508

Job Date: Sunday, January 10, 2016

Sincerely,

**Grand Junction Cement Engineers**

## 1.0 Real-Time Job Summary

## 1.1 Job Event Log

Type	Seq. No.	Activity	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	Call Out	1/10/2016	11:00:00	USER					REQUESTED ON LOCATION @ 17:00
Event	2	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	1/10/2016	13:15:00	USER					ALL HES PRESENT
Event	3	Crew Leave Yard	Crew Leave Yard	1/10/2016	13:30:00	USER					1-ELITE PUMP, 1-660 BULK TRUCK, 1-BODY LOAD, AND 1 550 PU. ALL TRUCKS LEFT THE YARD AT THE SAME TIME
Event	4	Arrive At Loc	Arrive At Loc	1/10/2016	15:00:00	USER					ARRIVED 2 HOURS EARLY. RIG CREW HAD NOT STARTED CASING YET
Event	5	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	1/10/2016	16:25:37	USER					DID A WALK AROUND OF LOCATION MET WITH CO REP AND WENT OVER NUMBERS AND JOB PROCEDURE. COLLECTED WATER SAMPLE (PH7, CHL 0, TEMP 61F) AND FILLED OUT PRE RIG UP JSA.
Event	6	Other	Other	1/10/2016	16:25:42	USER					CUSTOMER HAS RECIEVED SDS
Event	7	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	1/10/2016	16:30:00	USER					SPOTTED TRUCKS IN AND WENT OVER JSA
Event	8	Rig-up Lines	Rig-up Lines	1/10/2016	16:35:00	USER					RIGGED UP EVERYTHING EXCEPT THE STAND PIPE BEFORE THEY STARTED RUNNING CASING
Event	9	Pre-Job Safety Meeting	Pre-Job Safety Meeting	1/10/2016	19:30:00	USER					FILLED OUT RIG FLOOR JSA

AND MET WITH RIG CREW  
TO GO OVER JOB. ALL HES  
PRESENT

Event	10	Start Job	Start Job	1/10/2016	20:29:00	COM5												TD 1735', TP 1713', SJ 1672', CASING 8.625" 32# J-55, OH 12.25", MW 9.1 PPG
Event	11	Prime Pumps	Prime Pumps	1/10/2016	20:31:18	COM5	8.34	2	53	2								2 BBLs FRESH WATER
Event	12	Test Lines	Test Lines	1/10/2016	20:33:56	COM5					3400							TESTED TO 3400 PSI. TESTED GOOD KO'S FUNCTIONING
Event	13	Pump Spacer 1	Pump Spacer 1	1/10/2016	20:37:58	COM5	8.34	6	240	20								20 BBLs FRESH WATER
Event	14	Pump Lead Cement	Pump Lead Cement	1/10/2016	20:44:45	COM5	12.3	8	370	112.6								257 SKS VariCem GJ1 (112.6 BBLs) 12.3 PPG, 2.46 FT3/SK, 14.17 GAL/SK
Event	15	Pump Tail Cement	Pump Tail Cement	1/10/2016	21:00:42	COM5	12.8	6	260	46.6								120 SKS VariCem GJ1 (46.6 BBLs) 12.8 PPG, 2.18 FT3/SK, 12.11 GAL/SK
Event	16	Shutdown	Shutdown	1/10/2016	21:08:20	USER												END OF CEMENT
Event	17	Clean Lines	Wash Up On Top	1/10/2016	21:09:09	USER												10 BBLs FRESH WATER ON TOP
Event	18	Drop Top Plug	Drop Top Plug	1/10/2016	21:11:14	USER												URSA SUPPLIED PLUG WENT
Event	19	Pump Displacement	Pump Displacement	1/10/2016	21:12:31	COM5	8.34	8	620	101.8								101.8 BBLs FRESH WATER
Event	20	Slow Rate	Slow Rate	1/10/2016	21:25:56	USER	8.34	2	440	91								10 BBLs OUT TO 2 BBLs/MIN
Event	21	Bump Plug	Bump Plug	1/10/2016	21:31:01	COM5	8.34	2	1200	101.8								BUMPED AT 450 PSI AND WENT UP TO 1200 PSI
Event	22	Check Floats	Check Floats	1/10/2016	21:34:12	USER	8.34	0.00	1226									WAITED 5 MIN. FLOATS HELD .5 BBLs BACK TO TRUCK
Event	23	End Job	End Job	1/10/2016	21:35:06	USER	8.29	0.00	39.00	0.0								GREAT RETURNS THROUGHOUT JOB. 25 BBLs LEAD CEMENT TO SURFACE

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Event	24	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	1/10/2016	21:45:00	USER	ALL HES PRESENT
Event	25	Rig Down Lines	Rig Down Lines	1/10/2016	21:55:00	USER	
Event	26	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	1/10/2016	23:00:00	USER	ALL HES PRESENT
Event	27	Crew Leave Location	Crew Leave Location	1/10/2016	23:15:00	USER	THANK YOU FOR USING HALLIBURTON CEMENT. CLIFF SPARKS AND CREW