

# HALLIBURTON

iCem<sup>®</sup> Service

## **URSA RESOURCES GROUP II LLC**

**For: Hans Wychgram**

Date: Friday, January 06, 2017

**B&V 33A-07-07-95 Surface PJR**

API # 05-045-22847-00

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 (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comments
Event	1	Call Out	1/5/2017	18:00:00	USER					HES CREW OUT IN FIELD FINISHING UP JOB. REQUESTED ON LOCATION @ 06:30
Event	2	Pre-Convoy Safety Meeting	1/5/2017	20:45:00	USER					ALL HES PRESENT
Event	3	Crew Leave Yard	1/5/2017	21:00:00	USER					1 550 SERVICE PICKUP. PUMP ALREADY IN FIELD
Event	4	Arrive At Loc	1/6/2017	05:00:00	USER					RIG GETTING READY TO START RUNNING CASING
Event	5	Assessment Of Location Safety Meeting	1/6/2017	05:30:00	USER					MET WITH COMP REP, AND WENT OVER NUMBERS AND JOB PROCEDURE. WALKED AROUND LOCATION AND COLLECTED WATER SAMPLE (PH- 7.0, CHLORIDES- 0, TEMP- 50F). COMP REP WAS OFFERED SDS FOR ALL CHEMICALS USED BY HES.
Event	6	Spot Equipment	1/6/2017	07:30:00	USER					1 HT 400 PUMP TRUCK E4, 1 550 SERVICE PICKUP, COMPRESSOR TRAILER
										ALL HES PRESENT
Event	7	Pre-Rig Up Safety Meeting	1/6/2017	08:00:00	USER					
Event	8	Rig-Up Equipment	1/6/2017	08:15:00	USER					1 HT 400 PUMP TRUCK E4, 1 550 SERVICE

PICKUP, COMPRESSOR TRAILER, 1 SILO WITH 420 SKS, H2O TANKS. 1502 IRON, HES RIGGED UP EQUIPMENT WITHOUT ENTERING RED ZONE.

Event	9	Pre-Job Safety Meeting	1/6/2017	10:00:00	USER					ALL HES EMPLOYEES AND RIG CREW PRESENT, RIG CIRCULATED @ 8.9 BPM PRIOR TO JOB, PRESSURE @160 PSI
Event	10	Start Job	1/6/2017	10:54:32	USER					TD 1927', TP 1912' OF 8 5/8" 32# J-55 SURFACE CSG, SJ 44', OH 12 1/4"', MUD 10 PPG
Event	11	Prime Lines	1/6/2017	10:55:22	USER	8.33	2.0	100	2	FRESH WATER
Event	12	Test Lines	1/6/2017	10:58:30	COM5				3300	PRESSURE HELD
Event	13	Pump H2O Spacer	1/6/2017	11:01:47	COM5	8.33	4.0	250	20	FRESH WATER
Event	14	Check weight	1/6/2017	11:09:44	COM5					WEIGHT VERIFIED VIA PRESSUREIZED MUD SCALES
Event	15	Pump Lead Cement	1/6/2017	11:11:21	COM5	12.3	8.0	480	131.5	300 SKS VARICEM CMT 12.3 PPG, 2.46 FT3/SK, 14.17 GAL/SK
Event	16	Slow Rate	1/6/2017	11:29:23	USER					SLOWING RATE TO END SILO
Event	17	Pump Tail Cement	1/6/2017	11:30:07	COM5	12.8	6.0	210	47	120 SKS VARICEM CMT 12.8 PPG, 2.18 FT3/SK, 12.11 GAL/SK
Event	18	Shutdown	1/6/2017	11:37:28	USER					END OF CMT
Event	19	Drop Top Plug	1/6/2017	11:43:50	USER					VERIFIED BY FLAG INDICATOR
Event	20	Pump Displacement	1/6/2017	11:44:26	COM5	8.33	8.0	720	104	FRESH WATER
Event	21	Slow Rate	1/6/2017	12:01:24	USER	8.33	2.0	460	10	SLOWED TO BUMP PLUG
Event	22	Bump Plug	1/6/2017	12:06:38	USER	8.33	2.0	475	114	PLUG BUMPED
Event	23	Check Floats	1/6/2017	12:08:12	USER				1112	FLOATS HELD .5 BBL FLOWBACK
Event	24	End Job	1/6/2017	12:08:57	USER					RETURNS THROUGHOUT JOB, 34 BBLS CMT TO SURFACE, USED 40 LBS SUGAR

Event	25	Post-Job Safety Meeting (Pre Rig-Down)	1/6/2017	12:15:00	USER	ALL HES PRESENT
Event	26	Pre-Convoy Safety Meeting	1/6/2017	14:45:00	USER	DID NOT LEAVE COMPRESSOR TRAILER ON LOCATION. TOOK BACK TO YARD.
Event	27	Crew Leave Location	1/6/2017	15:00:00	USER	THANK YOU FOR CHOOSING HALLIBURTON CEMENT, DUSTIN HYDE AND CREW