

# HALLIBURTON

iCem<sup>®</sup> Service

## **URSA RESOURCES GROUP II LLC**

**For: Hans Wychgram**

Date: Wednesday, November 30, 2016

**B&V 14C-07-07-95 Surface**

API# 05-045-22720-00

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	11/30/2016	04:00:00	USER					ELITE #8
Event	2	Pre-Convoy Safety Meeting	11/30/2016	06:00:00	USER					ALL HES EMPLOYEES
Event	3	Arrive At Loc	11/30/2016	07:00:00	USER					ARRIVED ON LOCATION 3 HOURS EARLY, DIDNT START CHARGING TIME UNTIL REQUESTED ON LOCATION TIME RIG RUNNING CASING UPON HES ARRICAL
Event	4	Meet With Company Rep	11/30/2016	07:15:00	USER					COMPANY REP OFFERED SDS WATER TEST: TEMP: 60 PH:7 CHLORIDES:0
Event	5	Assessment Of Location Safety Meeting	11/30/2016	08:00:00	USER					ALL HES EMPLOYEES
Event	6	Pre-Rig Up Safety Meeting	11/30/2016	08:30:00	USER					ALL HES EMPLOYEES
Event	7	Rig-Up Equipment	11/30/2016	08:45:00	USER					1 HT-400 PUMP TRUCK (ELITE#8) 2 660 BULK TRUCKS 1 F-550 PICKUP
Event	8	Pre-Job Safety Meeting	11/30/2016	11:00:00	USER					ALL HES EMPLOYEES AND RIG CREW RIG CIRCULATED @ 340 GPM PRIOR TO THE JOB
Event	9	Start Job	11/30/2016	11:39:00	COM5					TD: 1748 TP: 1735 SJ: 45 CSG: 8 5/8 32# J-55 OH: 12 1/4 16" CONDUCTOR @ 77 MUD WT: 10.0 PPG
Event	10	Prime Lines	11/30/2016	11:39:59	COM5	8.33	2.0	40	2.0	PRIME LINES WITH 2 BBLS FRESH WATER
Event	11	Test Lines	11/30/2016	11:41:52	COM5	8.33	0.0	3008	2.0	PRESSURE TEST OK
Event	12	Pump Fresh Water Spacer	11/30/2016	11:46:07	COM5	8.33	4.0	130	20	PUMP 20 BBL FRESH WATER SPACER
Event	13	Pump Lead Cement	11/30/2016	11:51:10	COM5	12.3	8.0	320	116.5	266 SKS 12.3 PPG 2.46 YIELD 14.17 GAL/SK LEAD CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES

Event	14	Pump Tail Cement	11/30/2016	12:07:32	COM5	12.8	8.0	300	46.6	120 SKS 12.8 PPG 2.18 YIELD 12.11 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES
Event	15	Shutdown	11/30/2016	12:14:39	COM5					SHUTDOWN TO DROP TOP PLUG
Event	16	Drop Top Plug	11/30/2016	12:16:00	COM5					PLUG AWAY NO PROBLEMS WASHED UP ON TOP OF THE PLUG AS PER COMPANY REP
Event	17	Pump Displacement	11/30/2016	12:17:52	COM5	8.33	8.0	590	103	FRESH WATER DISPLACEMENT
Event	18	Slow Rate	11/30/2016	12:32:24	COM5	8.33	2.0	405	93	SLOW RATE TO BUMP PLUG
Event	19	Bump Plug	11/30/2016	12:36:34	COM5	8.33	2.0	1072	103	PSI BEFORE BUMPING PLUG @ 405 BUMPED PLUG UP TO 1072 PSI
Event	20	Check Floats	11/30/2016	12:38:44	COM5					FLOATS HELD 1/2 BBL BACK TO DISPLACEMENT TANKS
Event	21	End Job	11/30/2016	12:39:46	COM5					GOOD RETURNS THROUGHOUT JOB 23 BBLs CEMENT TO SURFACE RIG USED 40# SUGAR PIPE STATIC THROUGHOUT JOB
Event	22	Pre-Rig Down Safety Meeting	11/30/2016	12:45:00	USER					ALL HES EMPLOYEES
Event	23	Rig-Down Equipment	11/30/2016	13:00:00	USER					
Event	24	Pre-Convoy Safety Meeting	11/30/2016	13:50:00	USER					ALL HES EMPLOYEES
Event	25	Crew Leave Location	11/30/2016	14:00:00	USER					THANK YOU FOR USING HALLIBURTON CEMENT, DUSTIN SMITH AND CREW