

# HALLIBURTON

iCem<sup>®</sup> Service

## **URSA RESOURCES GROUP II LLC**

**For: Hans Wychgram**

Date: Tuesday, November 29, 2016

**B&V 24C-07-07-95 Surface**

API# 05-045-22722-00

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	11/28/2016	17:00:00	USER					ELITE #8
Event	2	Pre-Convoy Safety Meeting	11/28/2016	18:30:00	USER					ALL HES EMPLOYEES
Event	3	Arrive At Loc	11/28/2016	20:00:00	USER					ARRIVED ON LOCATION 3 HOURS EARLY DIDNT START CHARGING TIME UNTIL REQUESTED ON LOCATION TIME RIG PULLING DRILL PIPE UPON HES ARRIVAL
Event	4	Meet With Company Rep	11/28/2016	20:30:00	USER					COMPANY REP OFFERED SDS WATER TEST: TEMP: 63 PH:7 CHLORIDES:0
Event	5	Assessment Of Location Safety Meeting	11/29/2016	00:00:00	USER					ALL HES EMPLOYEES
Event	6	Pre-Rig Up Safety Meeting	11/29/2016	00:10:00	USER					ALL HES EMPLOYEES
Event	7	Rig-Up Equipment	11/29/2016	00:30:00	USER					1 HT-400 PUMP TRUCK (ELITE #8) 2 660 BULK TRUCKS 1 F-550 PICKUP
Event	8	Pre-Job Safety Meeting	11/29/2016	03:00:00	USER					ALL HES EMPLOYEES AND RIG CREW RIG CIRCULATED @ 380 GPM PRIOR TO THE JOB
Event	9	Start Job	11/29/2016	03:30:14	COM5					TD: 1877 TP: 1866 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	11/29/2016	03:30:56	COM5	8.33	2.0	55	2.0	PRIME LINES WITH 2 BBLS FRESH WATER
Event	11	Test Lines	11/29/2016	03:32:24	COM5	8.33	0.0	3039	2.0	PRESSURE TEST OK
Event	12	Pump Fresh Water Spacer	11/29/2016	03:37:27	COM5	8.33	4.0	162	20	PUMP 20 BBL FRESH WATER SPACER
Event	13	Pump Lead Cement	11/29/2016	03:45:32	COM5	12.3	8.0	420	127.5	291 SKS 12.3 PPG 2.46 YIELD 14.17 GAL/SK LEAD CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES
Event	14	Pump Tail Cement	11/29/2016	04:03:25	COM5	12.8	8.0	330	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	11/29/2016	04:09:27	COM5				SHUTDOWN TO DROP TOP PLUG
Event	16	Drop Top Plug	11/29/2016	04:11:47	COM5				PLUG AWAY NO PROBLEMS WASHED UP ON TOP OF THE PLUG AS PER COMPANY REP
Event	17	Pump Displacement	11/29/2016	04:14:11	COM5	8.33	8.0	630	111 FRESH WATER DISPLACEMENT
Event	18	Slow Rate	11/29/2016	04:29:10	COM5	8.33	2.0	400	101 SLOW RATE TO BUMP PLUG
Event	19	Bump Plug	11/29/2016	04:33:49	COM5	8.33	2.0	1034	111 PSI BEFORE BUMPING PLUG @ 400 BUMPED PLUG UP TO 1034 PSI
Event	20	Check Floats	11/29/2016	04:36:32	COM5				FLOATS HELD 1/2 BBL BACK TO DISPLACEMENT TANKS
Event	21	End Job	11/29/2016	04:37:26	COM5				GOOD RETURNS THROUGHOUT JOB 30 BBLS OF CEMENT TO SURFACE RIG USED 40#S OF SUGAR PIPE STATIC THROUGHOUT JOB
Event	22	Pre-Rig Down Safety Meeting	11/29/2016	04:45:00	USER				ALL HES EMPLOYEES
Event	23	Rig-Down Equipment	11/29/2016	05:00:00	USER				
Event	24	Pre-Convoy Safety Meeting	11/29/2016	05:50:00	USER				ALL HES EMPLOYEES
Event	25	Crew Leave Location	11/29/2016	06:00:00	USER				THANK YOU FOR USING HALLIBURTON CEMENT, DUSTIN SMITH AND CREW