

# HALLIBURTON

iCem<sup>®</sup> Service

**URSA RESOURCES GROUP II LLC**

**For: Hans Wychgram**

**MONUMENT RIDGE B 33A-08-07-95 Surface**

API\UWI #: 05-045-22901-00

Job Date: Saturday, November 28, 2015

Sincerely,

**Grand Junction Cement Engineering**

## 2.0 Real-Time Job Summary

### 2.1 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	11/28/2015	09:00:00	USER					ELITE # 8
Event	2	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	11/28/2015	10:30:00	USER					ALL HES EMPLOYEES
Event	3	Arrive At Loc	Arrive At Loc	11/28/2015	12:00:00	USER					ARRIVED 3 HRS EARLY DID NOT START CHARGING HOURS UNTIL REQUESTED ON LOCATION TIME
Event	4	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	11/28/2015	12:15:00	USER					ALL HES EMPLOYEES
Event	5	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	11/28/2015	13:30:00	USER					ALL HES EMPLOYEES
Event	6	Rig-Up Equipment	Rig-Up Equipment	11/28/2015	13:45:00	USER					1 HT-400 ( ELITE # 8) 1 FRUEHAUF ( 400 SKS) 1 F-550 PICKUP
Event	7	Comment	Comment	11/28/2015	14:00:00	USER					CUSTOMER WAS OFFERED SDS WATER TEMP @ 62 F PH: 7 CHLORIDES: 0
Event	8	Pre-Job Safety Meeting	Pre-Job Safety Meeting	11/28/2015	18:00:00	USER					ALL HES EMPLOYEES AND RIG CREW RIG CIRCULATED @ 8 BBL/MIN FOR 30 MIN PRIOR TO JOB
Event	9	Start Job	Start Job	11/28/2015	18:39:30	USER					TD: 1883 TP: 1863 CSG: 8 5/8 32# J-55 SJ: 43 OH: 12 1/4 MUD WEIGHT: 9.5 PPG
Event	10	Prime Pumps	Prime Lines	11/28/2015	18:40:57	COM5	8.33	2.0	35	2.0	PRIME LINES FRESH WATER
Event	11	Test Lines	Test Lines	11/28/2015	18:43:32	COM5	8.33		3439	2.0	PRESSURE TEST OK

Event	12	Pump Spacer 1	Fresh Water Spacer	11/28/2015	18:45:47	COM5	8.33	4.0	170	20.0	20 BBL FRESH WATER SPACER
Event	13	Pump Lead Cement	Pump Lead Cement	11/28/2015	18:54:49	COM5	12.30	8.0	350	122.6	280 SKS 12.3 PPG VariCem 2.46 YIELD 14.17 GAL/SK LEAD CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES
Event	14	Pump Tail Cement	Pump Tail Cement	11/28/2015	19:12:03	COM5	12.80	8.0	344	46.6	120 SKS 12.8 PPG VariCem 2.18 YIELD 12.11 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES
Event	15	Shutdown	Shutdown	11/28/2015	19:19:21	USER					
Event	16	Drop Top Plug	Drop Top Plug	11/28/2015	19:20:01	USER					PLUG AWAY NO PROBLEMS
Event	17	Pump Displacement	Pump Displacement	11/28/2015	19:21:02	COM5	8.4	8.0	513	110.8	FRESH WATER DISPLACEMENT
Event	18	Other	Slow Rate	11/28/2015	19:37:29	COM5	8.4	2.0	420	100.8	SLOW RATE TO BUMP PLUG
Event	19	Other	Bump Plug	11/28/2015	19:44:22	COM5	8.4	2.0	478	110.8	PRESSURE PRIOR TO BUMPING PLUG @ 478 PSI BUMPED PLUG UP TO 1066 PSI
Event	20	Other	Check Floats	11/28/2015	19:45:30	COM5	8.4		1066	110.8	FLOATS HOLDING 1/2 BBL RETURNED BACK TO TRUCKS TANKS
Event	21	End Job	End Job	11/28/2015	19:46:24	COM5					GOOD RETURNS THROUGHOUT JOB PIPE WAS STATIC THROUGHOUT JOB CIRCULATED 30 BBLS CEMENT TO SURFACE
Event	22	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	11/28/2015	20:05:30	USER					ALL HES EMPLOYEES
Event	23	Rig-Down Equipment	Rig-Down Equipment	11/28/2015	20:15:00	USER					
Event	24	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	11/28/2015	20:45:00	USER					ALL HES EMPLOYEES

Event	25	Crew Leave Location	Crew Leave Location	11/28/2015	21:00:00	USER	THANK YOU FOR USING HALLIBURTON CEMENT DAVID CAMPBELL AND CREW
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