

# HALLIBURTON

iCem<sup>®</sup> Service

## **URSA RESOURCES GROUP**

**For: Hans Wychgram**

Date: Thursday, January 14, 2016

### **Monument Ridge B 33D-08-07-95**

Surface

API# 05-045-22905-00

Job Date: Thursday, January 14, 2016

Sincerely,  
Ed Deussen

## 1.0 Real-Time Job Summary

## 1.1 Job Event Log

Type	Seq. No.	Activity	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comments
Event	1	Call Out	1/13/2016	19:00:00	USER					O/L 0100
Event	2	Pre-Convoy Safety Meeting	1/13/2016	20:45:00	USER					
Event	3	Crew Leave Yard	1/13/2016	21:00:00	USER					1 Elite, 1 660, 1 bodyload, 1 pickup
Event	4	Arrive At Loc	1/13/2016	22:30:00	USER					Rig still running casing
Event	5	Assessment Of Location Safety Meeting	1/13/2016	22:45:00	USER					JSA completed - custpmer offered/received SDS - water test pH 8.0, Cl 0, temp 51 degrees
Event	6	Pre-Rig Up Safety Meeting	1/13/2016	23:30:00	USER					
Event	7	Rig-Up Equipment	1/13/2016	23:45:00	USER					1 hardline w/ standpipe to floor, water hose to upright, bulk hoses to 660 and bodyload
Event	8	Pre-Job Safety Meeting	1/14/2016	00:45:00	USER					All HES personnel, rig crew, and company rep
Event	9	Start Job	1/14/2016	01:07:11	USER					TD 1800', TP 1781', SJ 43', Mud 9.7, 12 1/4" OH, 8 5/8" 32# J-55 csg
Event	10	Prime Pumps	1/14/2016	01:08:37	USER	8.33	2.0	110	2.0	Fresh water
Event	11	Test Lines	1/14/2016	01:12:37	COM5			3257		Pressure held well
Event	12	Pump Spacer 1	1/14/2016	01:14:56	COM5	8.33	4.0	235	20.0	
Event	13	Pump Lead Cement	1/14/2016	01:22:36	COM5	12.3	8.0	440	117.9	269 sks, 12.3 ppg, 2.46 yield, 14.17 gal/sk
Event	14	Pump Tail Cement	1/14/2016	01:37:52	COM5	12.8	8.0	362	46.6	120 sks, 12.8 ppg, 2.18 yield, 12.11 gal/sk

Event 15	Shutdown	1/14/2016	01:44:40	USER	Wash up on top of plug				
Event 16	Drop Top Plug	1/14/2016	01:48:00	COM5	Used rig-supplied plug				
Event 17	Pump Displacement	1/14/2016	01:50:11	COM5	8.33	9.0	584	105.8	Fresh water
Event 18	Slow Rate	1/14/2016	02:05:40	USER		2.0	486	10.0	Good returns throughout job
Event 19	Bump Plug	1/14/2016	02:09:51	COM5			514		15 bbls cement to surface
Event 20	Other	1/14/2016	02:11:21	COM5			1030		Floats held – ½ bbl flowback
Event 21	End Job	1/14/2016	02:13:00	USER					40 lbs sugar used
Event 22	Pre-Rig Down Safety Meeting	1/14/2016	02:30:00	USER					
Event 23	Rig-Down Equipment	1/14/2016	02:45:00	USER					
Event 24	Pre-Convoy Safety Meeting	1/14/2016	03:45:00	USER					
Event 25	Crew Leave Location	1/14/2016	04:00:00	USER	Thank you for using Halliburton - Ed Deussen and crew				