

HALLIBURTON

iCem[®] Service

URSA RESOURCES GROUP

For: Hans Wychgram

Date: Friday, July 15, 2016

Tompkins 21B-08-07-95 Surface

API# 05-045-22821

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 <i>(ppg)</i>	Comb Pump Rate <i>(bbl/min)</i>	PS Pump Press <i>(psi)</i>	Pump Stg Tot <i>(bbl)</i>	Comments
Event	1	Call Out	7/14/2016	23:00:00	USER					O/L time 0500
Event	2	Pre-Convoy Safety Meeting	7/15/2016	00:45:00	USER					
Event	3	Crew Leave Yard	7/15/2016	01:00:00	USER					1 660, 1 pickup - Elite left on location
Event	4	Arrive At Location	7/15/2016	02:30:00	USER					Rig still pulling drill pipe
Event	5	Assessment Of Location Safety Meeting	7/15/2016	02:45:00	USER					JSA completed - customer offered/received SDS - water test pH 6.5, Cl 0, temp 73 degrees
Event	6	Pre-Rig Up Safety Meeting	7/15/2016	07:15:00	USER					
Event	7	Rig-Up Equipment	7/15/2016	07:30:00	USER					Hard line with standpipe to floor, water hose to upright, bulk hose to silo
Event	8	Pre-Job Safety Meeting	7/15/2016	08:40:00	USER					All HES personnel, rig crew, and company rep
Event	9	Start Job	7/15/2016	08:52:58	USER					TD 1875', TP 1855', SJ 45', Mud 9.5#, 12 1/4" OH, 8 5/8" 32# J-55 casing
Event	10	Prime Lines	7/15/2016	08:54:16	COM5	8.33	2.0	80	2.0	Fresh water
Event	11	Test Lines	7/15/2016	08:57:32	COM5			3566		Pressure held well
Event	12	Pump H2O Spacer	7/15/2016	08:59:13	COM5	8.33	4.0	160	20.0	Fresh water
Event	13	Pump Lead Cement	7/15/2016	09:11:09	COM5	12.3	8.0	440	126.2	288 sks, 12.3 ppg, 2.46 yield, 14.17 gal/sk
Event	14	Check weight	7/15/2016	09:12:29	COM5	12.3				Mud scales matched recirc
Event	15	Pump Tail Cement	7/15/2016	09:28:55	COM5	12.8	8.0	370	46.6	120 sks, 12.8 ppg, 2.18 yield, 12.11

gal/sk

Event	16	Shutdown	7/15/2016	09:34:32	USER					Wash up on top of plug
Event	17	Drop Top Plug	7/15/2016	09:39:01	COM5					Rig supplied non-rotating plug
Event	18	Pump Displacement	7/15/2016	09:39:59	COM5	8.33	8.0	640	110.2	Fresh water
Event	19	Slow Rate	7/15/2016	09:56:01	USER	8.33	2.0	430	10.0	Good returns throughout job
Event	20	Bump Plug	7/15/2016	10:00:59	COM5			454		Approx 40 bbls cement to surface
Event	21	Check Floats	7/15/2016	10:02:53	USER			996		Floats held – ½ bbl flowback
Event	22	End Job	7/15/2016	10:06:29	COM5					60 lbs sugar used, no HES plug
Event	23	Pre-Rig Down Safety Meeting	7/15/2016	10:15:00	USER					
Event	24	Rig-Down Equipment	7/15/2016	10:30:00	USER					
Event	25	Pre-Convoy Safety Meeting	7/15/2016	10:45:00	USER					
Event	26	Crew Leave Location	7/15/2016	11:00:00	USER					Thank you for using Halliburton - Ed Deussen and crew