

HALLIBURTON

iCem[®] Service

URSA RESOURCES GROUP II LLC

For: Hans Wychgram

Date: Monday, January 09, 2017

B&V 33C-07-07-95 Surface

API# 05-045-22843-00

Sincerely,

Grand Junction Cement Engineering

2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Graph Label	Date	Time	Source	Pass-Side Pump Pressure (psi)	Downhole Density (ppg)	Combined Pump Rate (bbl/min)	Combined Pump Total (bbl)	Comments
Event	1	Call Out	1/8/2017	22:00:00	USER					crew called out to Ursa 8.625 surface pipe, 1 elite pump trk, 1 crew pickup and one trailer mount compressor
Event	2	Pre-Convoy Safety Meeting	1/8/2017	22:50:00	USER					Meeting with all hes personnel to discuss safety/hazards associated with traveling to location.
Event	3	Depart from Service Center or Other Site	1/8/2017	23:05:00	USER					
Event	4	Arrive at Location from Service Center	1/9/2017	00:05:00	USER					met with Richard McNeill and went over job numbers
Event	5	Assessment Of Location Safety Meeting	1/9/2017	00:06:00	USER					TD1927, TP1915, SJ45, FC1870, OH 12.25, 8.625 J-55 32# CASING, WF 10.4, 6CNT, HES FLOATS
Event	6	Standby - Other - see comments	1/9/2017	00:10:00	USER					hes went into wait mode waiting for rig to land casing
Event	7	Pre-Rig Up Safety Meeting	1/9/2017	04:10:00	USER					meeting with all hes personnel to discuss safety/hazards associated with rigging up hes equipment
Event	8	Rig-Up Equipment	1/9/2017	04:15:00	USER					
Event	9	Casing on Bottom	1/9/2017	05:00:00	USER					rig landed casing and started circulating well
Event	10	Pre-Job Safety Meeting	1/9/2017	05:25:00	USER	114.00	-0.01	2.00	97.9	meeting with all personnel on location to discuss safety/hazards associated with job in hand, also covered job procedures. all personnel signed a jsa
Event	11	Break Circulation	1/9/2017	05:35:00	USER	115.00	-0.01	2.40	118.8	rig broke circulation and rigged up hes
Event	12	Start Job	1/9/2017	05:39:16	COM9					
Event	13	Prime Pumps	1/9/2017	05:43:04	COM9					
Event	14	Fill Lines FW	1/9/2017	05:53:00	USER	13.00	8.40	0.00	0.0	fill lines with 2bbl's of fw at 2bpm and top psi was 104
Event	15	Test Lines	1/9/2017	05:55:21	USER	67.00	8.63	0.00	0.9	test electronic kick outs, 5th gear stall and high pressure

										test of 3047psi. pressure held at 1psi/3second loss
Event	16	Pump FW	1/9/2017	06:02:00	USER	64.00	8.55	0.00	0.9	pumped 18bbls of fw spacer, pumped at 1bpm to bring cmt to weight, pressure at 1bpm was 140 and psi at 4bpm going into cmt was 250
Event	17	Check weight	1/9/2017	06:07:19	COM9					
Event	18	Check weight	1/9/2017	06:11:49	COM9					
Event	19	Pump Lead Cement	1/9/2017	06:15:21	USER					pumped 131bbl's of lead cmt, 299 sks VariCem, 12.3ppg, 2.46 yield, 14.17 gal/sk, pumped at 8bpm and average pressure was 375. weight confirmed using high pressure mud scales, weight confirmed by hes supervisor. wet and dry sample left on location. calculated 34bbl's of lead cmt to surface.
Event	20	Pump Tail Cement	1/9/2017	06:33:30	USER					pumped 46.6bbl's of tail cmt, 120sks Varicem, 12.8ppg, 2.18 yield, 12.11 gal/sk, pumped at 8bpm and average pressure was 360. weight confirmed using high pressure mud scales, weight confirmed by hes supervisor. wet and dry sample left on location. calculated top of tail cmt at 1318ft
Event	21	Check weight	1/9/2017	06:34:11	COM9	362.00	12.84	8.00	162.2	
Event	22	Shutdown	1/9/2017	06:42:04	USER	98.00	20.88	0.00	218.5	done pumping cmt
Event	23	Drop Top Plug	1/9/2017	06:45:00	USER	22.00	15.77	0.00	218.5	hes supervisor dropped top plug, witnessed by Ursa company rep Richard McNeill
Event	24	Pump FW Displacement	1/9/2017	06:45:42	USER	28.00	13.96	1.10	218.6	hes calculated 114bbl's of fw displacement
Event	25	Returns To Surface	1/9/2017	06:56:43	USER	544.00	8.32	8.10	290.9	rig took back 39bbl's of lead cmt
Event	26	Slow Rate	1/9/2017	07:01:21	USER	511.00	8.31	2.10	327.6	slow rate to 2bpm to land plug, pressure at 8bpm was 680 and at 2bpm psi was 450
Event	27	Bump Plug	1/9/2017	07:06:00	USER	1021.00	8.32	0.00	336.7	plug bumped at calculated volume, bumped at 470 kicked out pumps at 760 and pressure climbed to 1060 and held solid
Event	28	Check Floats	1/9/2017	07:07:54	USER	106.00	8.26	0.00	0.0	hes floats held .5bbl back to the trk
Event	29	End Job	1/9/2017	07:09:00	COM9	25.00	8.28	0.00	0.0	

Event	30	Pre-Rig Down Safety Meeting	1/9/2017	07:10:00	USER	23.00	8.27	0.00	0.0	meeting with all hes personnel to discuss safety/hazards associated with rigging down equipment.
Event	31	Rig-Down Equipment	1/9/2017	07:15:00	USER	30.00	8.25	8.20	20.5	
Event	32	Pre-Convoy Safety Meeting	1/9/2017	08:45:00	USER					meeting with all hes personnel to discuss safety/hazards associated with traveling back to service center
Event	33	Depart Location for Service Center or Other Site	1/9/2017	09:00:00	USER					
Event	34	Other	1/9/2017	09:01:00	USER					Thank You for Choosing Halliburton Cement. Parker and Crew.(713)703-3283