

HALLIBURTON

iCem[®] Service

URSA RESOURCES GROUP II LLC

For: Hans Wychgram

Date: Friday, February 17, 2017

B&V 23D-07-07-95 Surface PJR

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)	Pump Stage Total (bbl)	Comments
Event	1	Call Out	2/17/2017	04:00:00	USER					crew called out to Ursa 8.625 surface pipe, 1 elite 8 pump trk, 1 silo loaded for next surface job and 1 crew pu
Event	2	Pre-Convoy Safety Meeting	2/17/2017	06:20:00	USER					meeting with hes personnel to discuss safety/hazards associated with traveling to location.
Event	3	Depart from Service Center or Other Site	2/17/2017	06:30:00	USER					
Event	4	Arrive at Location from Service Center	2/17/2017	07:30:00	USER					met with Nate Gill with Ursa and went over job numbers, water sources and iron placement
Event	5	Assessment Of Location Safety Meeting	2/17/2017	07:31:00	USER					hes supervisor checked water upright, water day tank and cmt silo.
Event	6	Standby - Other - see comments	2/17/2017	07:32:00	USER					hes went into wait mode waiting for rig to land casing
Event	7	Pre-Rig Up Safety Meeting	2/17/2017	09:30:00	USER					meeting with all hes personnel to discuss safety/hazards associated with rigging up equipment
Event	8	Rig-Up Equipment	2/17/2017	09:40:00	USER					water temp 75, ph 7, chlo 0, td1800, tp1785, sj45, fc 1740, 12.25 oh, 8.625 32# j55 casing 10.4wlf,
Event	9	Start Job	2/17/2017	10:48:22	COM9					
Event	10	Casing on Bottom	2/17/2017	11:00:00	USER	39.00	8.54	0.00	0.0	rig landed casing and started circulating well at 8bpm

Event	11	Pre-Job Safety Meeting	2/17/2017	11:15:00	USER	39.00	8.55	0.40	0.7	meeting with all personnel on location to discuss safety/hazards associated with job in hand and also covered job procedures. all personnel signed a jsa
Event	12	Break Circulation	2/17/2017	11:25:00	USER	40.00	8.55	0.40	4.7	kicked out rig pumps and stabbed hes plug container and rigged up floor to head
Event	13	Start Job	2/17/2017	11:43:45	USER	39.00	8.20	0.00	6.6	came on line with cmt job
Event	14	Fill Lines FW	2/17/2017	11:44:46	USER	88.00	8.54	1.70	6.9	fill lines with 2bbls of fw at 2bpm and top psi was 90
Event	15	Test Lines	2/17/2017	11:46:59	USER	76.00	8.54	1.10	0.0	test electronic kickouts, 5ht gear stall out and tested lines to 3446 pressure climbed to 3452 after the 5minute mark
Event	16	Pump FW Spacer	2/17/2017	11:58:16	USER	76.00	8.51	2.10	0.4	pumped 20bbl's of fw at 4bpm and psi was 160
Event	17	Check weight	2/17/2017	12:02:14	COM9					
Event	18	Pump Lead Cement	2/17/2017	12:06:42	USER	222.00	12.38	4.00	2.0	pumped 119bbls of lead cmt, 271sk, 12.3ppg, 2.46 yield, 14.17gal/sk pumped at 8bpm and average pressure was 340. weight confirmed using high pressure mud scales, weight was confirmed by hes supervisor. wet and dry sample left on location. calculated 32bbls of lead cmt to surface
Event	19	Pump Tail Cement	2/17/2017	12:22:59	USER					pumped 46.6bbls of tail cmt, 120sk, 12.8ppg, 2.18yield, 12.11 gal/sk pumped at 8bpm and average pressure was 350. weight confirmed using high pressure mud scales, weight was confirmed by hes supervisor. wet and dry sample left on location. Calculated top of tail cmt at 1188ft
Event	20	Check weight	2/17/2017	12:23:28	COM9	353.00	12.87	8.00	6.6	
Event	21	Shutdown	2/17/2017	12:31:21	USER	134.00	6.04	0.10	60.1	done pumping cmt
Event	22	Drop Top Plug	2/17/2017	12:34:17	USER	51.00	-0.15	0.00	0.0	dropped top plug witnessed by Nate Gill with Ursa
Event	23	Pump FW Displacement	2/17/2017	12:34:47	USER	54.00	-0.15	1.60	0.1	hes calculated 106bbls of fw displacement

Event	24	Returns To Surface	2/17/2017	12:46:00	USER	515.00	8.22	8.00	72.0	rig took back 40bbls of lead cmt
Event	25	Slow Rate	2/17/2017	12:49:42	USER	556.00	8.22	4.20	101.5	slow rate at 96bbls from 8bpm psi 642 to 2bpm psi 430
Event	26	Bump Plug	2/17/2017	12:53:50	USER					plug bumped at calculated volumes 106, pressure 450 kicked out pumps at 1000 and pressure climbed to 1245 and held solid
Event	27	Check Floats	2/17/2017	12:56:34	USER	70.00	8.21	0.00	0.0	hes floats held .5bbl back to the pumping unit
Event	28	End Job	2/17/2017	12:58:00	USER	44.00	8.21	0.00	0.0	
Event	29	Pre-Rig Down Safety Meeting	2/17/2017	13:02:00	USER					meeting with all hes personnel to discuss safety/hazards associated with rigging down equipment
Event	30	Rig-Down Equipment	2/17/2017	13:05:00	USER					
Event	31	Pre-Convoy Safety Meeting	2/17/2017	14:00:00	USER					meeting with all hes personnel to discuss safety/hazards associated with traveling back to location
Event	32	Depart Location for Service Center or Other Site	2/17/2017	14:15:00	USER					
Event	33	Other	2/17/2017	14:16:00	USER					Thank You for Choosing Halliburton Cement. Parker and Crew.(713)703-3283