

HALLIBURTON

iCem[®] Service

URSA RESOURCES GROUP

For: Hans Wychgram

Date: Monday, June 13, 2016

TOMPKINS 41A-08-07-95

API# 05-045-22480-00

Sincerely,

Grand Junction Cement Engineering

1.0 Real-Time Job Summary

1.1 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	6/13/2016	06:00:00	USER					REQUESTED ON LOCATION @ 1200
Event	2	Pre-Convoy Safety Meeting	6/13/2016	09:00:00	USER					ALL HES PRESENT
Event	3	Crew Leave Yard	6/13/2016	09:15:00	USER					1 F550, 1 ELITE PUMP TRUCK & 2 FRUEHAUFS
Event	4	Arrive At Loc	6/13/2016	10:30:00	USER					RIG RUNNING CASING
Event	5	Assessment Of Location Safety Meeting	6/13/2016	10:45:00	USER					MET WITH COMP REP, NATE GILL, AND WENT OVER NUMBERS AND JOB PROCEDURE. WALKED AROUND LOCATION AND COLLECTED WATER SAMPLE (PH- 7, CHLORIDES- 125, TEMP- 65F). COMP REP WAS OFFERED SDS FOR ALL CHEMICLES USED BY HES.
Event	6	Pre-Rig Up Safety Meeting	6/13/2016	11:00:00	USER					ALL HES PRESENT
Event	7	Rig-Up Equipment	6/13/2016	11:15:00	USER					HES RIGGED UP EQUIPMENT WITHOUT ENTERING RED ZONE.
Event	8	Start Job	6/13/2016	14:43:11	USER					TD 1757', TP 1731', SJ 43', OH 812.25'', CSG 8.625'' 32#, MUD 9.7 PPG.
Event	9	Prime Pumps	6/13/2016	14:45:22	COM6	47.00	8.37	1.00	0.5	8.33 PPG FRESH WATER
Event	10	Test Lines	6/13/2016	14:48:39	COM6	3626.00	8.46	0.00	1.6	ALL LINES HELD PRESSURE AT 3626 PSI
Event	11	Pump Spacer 1	6/13/2016	14:51:24	COM6	27.00	8.38	0.00	0.0	8.33 PPG FRESH WATER (20BBL)
Event	12	Check weight	6/13/2016	14:52:33	COM6					WEIGHT VERIFIED VIA PRESSUREIZED MUD SCALES
Event	13	Pump Lead Cement	6/13/2016	14:56:43	COM6	233.00	12.29	6.20	2.8	VARICEM CEMENT 260 SKS (113.9 BBLS), 12.3 PPG, 2.46 FT3/SK, 14.17 GAL/SK
Event	14	Pump Tail Cement	6/13/2016	15:11:48	COM6	279.00	12.80	8.10	6.6	VARICEM CEMENT 120 SKS (46.6 BBLS), 12.8 PPG, 2.18 FT3/SK, 12.11 GAL/SK.

Event	15	Shutdown	6/13/2016	15:21:47	USER					END OF CEMENT, WASH UP ON TOP OF PLUG
Event	16	Drop Top Plug	6/13/2016	15:24:01	USER					PLUG WENT
Event	17	Pump Displacement	6/13/2016	15:25:11	COM6	14.00	8.28	2.20	0.6	8.33 PPG FRESH WATER (102.8)
Event	18	Slow Rate	6/13/2016	15:40:05	USER	543.00	8.25	8.00	95.2	SLOW RATE TO 4 BPM PER CO REP TO LAND PLUG
Event	19	Bump Plug	6/13/2016	15:44:20	COM6	1396.00	8.27	0.00	109.4	PLUG BUMPED
Event	20	Check Floats	6/13/2016	15:46:54	USER	1406.00	8.28	0.00	109.4	FLOATS HELD
Event	21	End Job	6/13/2016	15:48:01	USER					RETURNS THROUGHOUT JOB, PIPE WAS NOT RECIPROCATED DURING THE JOB, 20 BBL OF CEMENT BACK TO SURFACE
Event	22	Pre-Job Safety Meeting	6/13/2016	16:50:00	USER					ALL HES AND RIG CREW PRESENT
Event	23	Post-Job Safety Meeting (Pre Rig-Down)	6/13/2016	16:55:00	USER					ALL HES PRESENT
Event	24	Rig Down Equipment	6/13/2016	17:00:00	USER					ALL HES PRESENT
Event	25	Pre-Convoy Safety Meeting	6/13/2016	17:10:00	USER					ALL HES PRESENT
Event	26	Crew Leave Location	6/13/2016	17:15:00	USER					THANK YOU FOR CHOOSING HALLIBURTON CEMENT, CHRIS SMITH AND CREW