

# HALLIBURTON

iCem<sup>®</sup> Service

## **URSA RESOURCES GROUP**

**For: Hans Wychgram**

Date: Thursday, June 16, 2016

**Tompkins 41C-08-07-95 Surface**

**API # 05-045-22481-00**

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)	Pass-Side Pump Rate (bbl/min)	PS Pmp Stg Tot (bbl)	Comments
Event	1	Call Out	6/16/2016	11:00:00	USER					
Event	2	Pre-Convoy Safety Meeting	6/16/2016	12:50:00	USER					ALL HES PRESENT
Event	3	Crew Leave Yard	6/16/2016	13:00:00	USER					1-F250, 1-660, 1- RED TIGER
Event	4	Arrive At Loc	6/16/2016	14:00:00	USER					RIG RUNNING CASING WHEN ARRIVED
Event	5	Assessment Of Location Safety Meeting	6/16/2016	14:10:00	USER					JSA COMPLETED -SDS AVAILABLE
Event	6	WATER TEST PERFORMED	6/16/2016	14:20:00	USER					WATER TEST- PH:7.5, CL:0, TEMP: 65 DEG.
Event	7	SAFETY MEETING	6/16/2016	14:30:00	USER					JSA REVIEWED
Event	8	Rig-Up Equipment	6/16/2016	14:40:00	USER					IRON TO THE FLOOR, WATER LINES RUN, BULK EQUIPMENT TO SILO#11749220, USED 660 FOR AIR SUPPLY
Event	9	Other	6/16/2016	14:50:00	USER					RIG ON BOTTOM CIRCULATING.MUD WEIGHT 9.4 PPG . RIG CIRCULATED 30 MIN. AT 10.7 BPM @ 97 PSI.
Event	10	Pre-Job Safety Meeting	6/16/2016	15:00:00	USER					JSA REVIEWED. ALL HES PRESENT. RIG CREW AND COMPANY REP SIGNED JSA FOR CEMENT PROGRAM.
Event	11	Other	6/16/2016	15:01:00	USER					HOLE- 12 1/4" TD- 1730'. CSG- 8 5/8" 32# J-55. TP- 1716', SJ-41',
Event	12	Start Job	6/16/2016	18:50:00	COM2	0	8.33	0.00	0.0	START JOB
Event	13	Prime Pumps	6/16/2016	18:54:54	COM2	45	8.33	2	2	FRESH WATER TO FILL LINES
Event	14	Test Lines	6/16/2016	18:57:06	COM2	2747	8.33	.4	.2	SUCCESSFUL PRESSURE TEST
Event	15	Pump Spacer 1	6/16/2016	19:02:58	COM2	78	8.33	4	20	FRESH WATER SPACER
Event	16	Check weight	6/16/2016	19:06:23	COM2					12.3 PPG

Event	17	Pump Lead Cement	6/16/2016	19:12:58	COM2	153	12.3	7.3	114.8	262 SKS VariCem GJ5, 12.3 PPG, 2.46 YIELD, 14.17 GPS
Event	18	Check weight	6/16/2016	19:15:09	COM2					12.3
Event	19	Pump Tail Cement	6/16/2016	19:33:48	COM2	165	12.8	7	46.6	120 SKS VariCem GJ5, 12.8 PPG, 2.18 YIELD, 12.11 GPS
Event	20	Shut Down	6/16/2016	19:43:28	USER					WASH UP ON TOP OF PLUG PER COMPANY REP.
Event	21	Drop Plug	6/16/2016	19:46:40	USER					PLUG PROVIDED BY THIRD PARTY. PLUG AWAY. HES PLUG RETURNED TO SURPLUS.
Event	22	Pump Displacement	6/16/2016	19:48:10	COM2	459	8.33	8	102	FRESH WATER DISPLACEMENT. GOT RETURNS WITH 2 BBLS AWAY.
Event	23	Slow Rate	6/16/2016	20:02:38	USER	413.00	8.33	3.90	93.3	
Event	24	Bump Plug	6/16/2016	20:06:11	USER	589.00	8.33	4	102	PLUG LANDED
Event	25	Check Floats	6/16/2016	20:08:38	USER	874.00	8.33	0.00		FLOATS HELD. ½ BBL BACK
Event	26	End Job	6/16/2016	20:10:11	COM2					
Event	27	Other	6/16/2016	20:12:12	USER	-15.00	7.96	0.00	107.6	CEMENT TO SURFACE- 10 BBLS.
Event	28	Post-Job Safety Meeting (Pre Rig-Down)	6/16/2016	20:13:19	USER	-14.00	7.96	0.00	107.6	ALL HES PRESENT
Event	29	Rig-Down Equipment	6/16/2016	20:20:00	USER					SAFE RIG DOWN
Event	30	Pre-Convoy Safety Meeting	6/16/2016	21:50:00	USER					COMPRESSOR TRAILER LEFT ON LOCATION. REST OF EQUIPMENT TAKEN BACK TO YARD.
Event	31	Other	6/16/2016	22:01:00	USER					100 LBS SUGAR USED. NO ADD HOURS. NO DERREK CHARGE.
Event	32	Crew Leave Location	6/16/2016	22:00:00	USER					THANK YOU FOR USING HALLIBURTON CEMENT, AARON HONE AND CREW.