

HALLIBURTON

iCem[®] Service

URSA RESOURCES GROUP

For: Hans Wychgram

MONUMENT RIDGE B 33B-08-07-95 Surface
API# 05-045-22903-00

Sincerely,

Grand Junction Cement Engineering

1.0 Real-Time Job Summary

1.1 Job Event Log

Type	Seq. No.	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comments
Event	1	Call Out	11/24/2015	13:00:00	USER					
Event	2	Pre-Convoy Safety Meeting	11/24/2015	15:20:00	USER					WITH ALL HES PERSONNEL
Event	3	Crew Leave Yard	11/24/2015	15:30:00	USER					
Event	4	Arrive At Loc	11/24/2015	17:00:00	USER					
Event	5	Assessment Of Location Safety Meeting	11/24/2015	17:10:00	USER					WITH ALL HES PERSONNEL
Event	6	Meet With Company Rep	11/24/2015	17:20:00	USER					MSDS RECIEPT AFFORD TO COMPANY REP. VERIFIED JOB PROCEDURES
Event	7	Water Test	11/24/2015	17:20:01	USER					TEMP 73. CHLORIDE 0. PH 6
Event	8	Spot Equipment	11/24/2015	19:40:00	USER					1 PUMP, 1 SILO
Event	9	Pre-Rig Up Safety Meeting	11/24/2015	19:50:00	USER					WITH ALL HES PERSONNEL
Event	10	Rig-Up Equipment	11/24/2015	20:00:00	USER					
Event	11	Pre-Job Safety Meeting	11/24/2015	21:15:00	USER					WITH ALL PERSONNEL
Event	12	Start Job	11/24/2015	21:33:00	COM5					TD 1874 FT, TP 1854 FT, SHOE 43 FT, CSG 8 5/8 IN 32 LB/FT, HOLE 12 1/4 IN, MUD WT 9.6 PPG
Event	13	Prime Pumps	11/24/2015	21:33:40	COM5	8.33	2.0	139.0	2.0	FRESH WATER
Event	14	Test Lines	11/24/2015	21:35:14	COM5					TESTED LINES TO 3016 PSI PRESSURE HOLDING
Event	15	Pump H2O Spacer	11/24/2015	21:38:50	COM5	8.33	4.0	173.0	20.0	FRESH WATER
Event	16	Pump Lead Cement	11/24/2015	21:49:27	COM5	12.3	8.0	400.0	124.6	284 SKS VariCem 12.3 PPG, 2.46 FT3/SK, 14.17 GAL/SK
Event	17	Pump Tail Cement	11/24/2015	22:06:20	COM5	12.8	8.0	178.0	46.6	120 SKS VariCem AT 12.8 PPG, 2.18 FT3/SK, 12.11

GAL/SK										
Event	18	Shutdown	11/24/2015	22:13:24	COM5					
Event	19	Drop Plug	11/24/2015	22:16:32	COM5					PLUG LAUNCHED
Event	20	Pump Displacement	11/24/2015	22:19:21	COM5	8.33	8.0	730.0	110.3	FRESH WATER
Event	21	Slow Rate	11/24/2015	22:37:46	USER	8.33	2.0	440.0	100.3	SLOWED RATE 10 BBLS PRIOR TO CALCULATED DISPLACEMENT.
Event	22	Bump Plug	11/24/2015	22:41:16	COM5			1042.0		
Event	23	Check Floats	11/24/2015	22:42:25	USER					FLOATS HOLDING. HES RETURNED 1/2 BBL H2O TO SURFACE
Event	24	End Job	11/24/2015	22:43:44	COM5					PIPE WAS STATIC DURING JOB, GOOD CIRCULATION THROUGHOUT JOB. HES RETURNED 24 BBLS CEMENT TO SURFACE. HES USED 40 LBS SUGAR FOR JOB.
Event	25	Pre-Rig Down Safety Meeting	11/24/2015	22:45:00	USER					WITH ALL HES PERSONNEL
Event	26	Rig-Down Equipment	11/24/2015	22:50:00	USER					
Event	27	Pre-Convoy Safety Meeting	11/24/2015	23:50:00	USER					WITH ALL HES PERSONNEL
Event	28	Crew Leave Location	11/25/2015	00:00:00	USER					
Event	29	Comment	11/25/2015	00:00:10	USER					THANK YOU FOR USING HALLIBURTON CEMENT DEPARTMENT. JESSE SLAUGHTER AND CREW.