

HALLIBURTON

iCem[®] Service

For:

Date: Saturday, December 12, 2014

tapstone mark 9.625 Surface

Case 1

Sincerely,

1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DS Pump Press (psi)	Comb Pump Rate (bb/min)	DH Density (ppg)	Comment
Event	1	Call Out	Call Out	12/12/2014	00:00:00	USER				REQUESTED TIME TO BE ON LOCATION 210;00 12/12/14
Event	2	Crew Leave Yard	Crew Leave Yard	12/12/2014	05:25:00	USER				JM / NOTIFY BY E MAIL
Event	3	Arrive at Location from Service Center	Arrive at Location from Service Center	12/12/2014	11:00:00	USER				HAVE LIMITED INTERNET CONNECTION/ CLOSE JM / JD STATUS TO OJS, RIG LAYING DOWN D.C. BEFORE THEY RUN CASING
Event	4	Comment	Comment	12/12/2014	11:05:00	USER				GET WOC & MSDS SIGNED, GO OVER WELL & CEMENT INFORMATION WITH CUSTOMER BUCK FOGLE, / TOLD HIM WE HAD HEVY FOG CONDITIONS & CEMENT WILL BE 2-3 HRS BEHIND ME / IT SHOULD ALL WORK OUT OKAY
Event	5	Other	Other	12/12/2014	12:07:38	USER				LOAD EQUIPMENT / MATERIALS FOR JOB
Event	6	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	12/12/2014	12:08:09	USER				DISCUSS WEATHER CONDITIONS AS HEAVY FOG WHICH WE WILL BE DRIVING IN, TRAFFIC, WILDLIFE, FATIGUE, EMERGENCY CONTACTS
Event	7	Comment	Comment	12/12/2014	13:30:00	USER				RIG CASING CREW UP
Event	8	Comment	Comment	12/12/2014	13:52:08	USER				CEMENT ARRIVED ON LOCATION @13;30
Event	9	Comment	Comment	12/12/2014	13:52:55	USER				START RUNNING 9 5/8 CASING & FLOAT EQUIPMENT
Event	10	Casing on Bottom	Casing on Bottom	12/12/2014	15:58:52	USER	1.00	0.00	8.34	RAN 802 FT. OF 9 5/8 33# / RIG CASING CREW DOWN

Event	11	Pre-Job Safety Meeting	Pre-Job Safety Meeting	12/12/2014	16:20:00	USER	0.00	0.00	8.31	DISCUSS JOB & SAFETY PROCERDURES
Event	12	Start Job	Start Job	12/12/2014	16:45:46	COM5	0.00	0.00	8.24	
Event	13	Test Lines	Test Lines	12/12/2014	16:46:13	COM5	0.00	0.00	8.33	TEST PUMP & LINES TO 2500#
Event	14	Pump Spacer 1	Pump Spacer 1	12/12/2014	16:51:08	COM5	-1.00	0.00	8.25	PUMP 10 BBLs. F/W SPACER @4 BPM @135#PSI
Event	15	Pump Cement	Pump Cement	12/12/2014	16:55:31	COM5	124.00	4.00	14.90	START MIXING 475 SKS CEMENT =111 BBLs. CEMENT SLURRY @15.0#/GAL
Event	16	Drop Top Plug	Drop Top Plug	12/12/2014	17:19:08	COM5	7.00	0.00	11.59	VERIFIED PLUG LEFT HEAD
Event	17	Pump Displacement	Pump Displacement	12/12/2014	17:19:11	COM5	7.00	0.00	11.56	START PUMPING F/W DISPLACEMENT (WASH uP ON TOP)100# PSI @4 BPM
Event	18	Displ Reached Cmnt	Displ Reached Cmnt	12/12/2014	17:30:33	COM5	265.00	4.10	8.33	
Event	19	Cement Returns to Surface	Cement Returns to Surface	12/12/2014	17:30:34	USER	266.00	4.10	8.31	HAVE 36 BBLs. OUT / HAVE GOOD CEMENT RETURNS TO SURFACE
Event	20	Check Floats	Check Floats	12/12/2014	17:32:00	USER	297.00	4.10	8.24	GOT 1/2 BBL BACK / FLOATS HOLDING
Event	21	Bump Plug	Bump Plug	12/12/2014	17:36:04	COM5	987.00	0.00	8.34	MAX LIFT PRESSURE BEFORE LANDING PLUG WAS 310# , PRESSURE UP 500# OVER PLP TO 900#
Event	22	End Job	End Job	12/12/2014	17:38:34	COM5	0.00	0.00	8.23	
Event	23	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	12/12/2014	17:38:35	USER	-1.00	0.00	8.23	DISCUSS LIFTING, PINCH POINTS, EYES ON TASK
Event	24	Comment	Comment	12/12/2014	17:38:36	USER	-1.00	0.00	8.23	CIRCUYLATED 23 BBLs. CEMENT TO SURFACE