

HALLIBURTON

Customer: NOBLE ENERGY INC - EBUS

Job: Noble Energy Nicmoth 5-19 PTA

Case: Case 1 | SO#: 905779808

2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	PS Pump Press (psi)	DH Density (ppg)	PS Pump Rate (bbl/min)	Comments
Event	1	Depart from Service Center or Other Site	Depart from Service Center or Other Site	6/18/2019	07:30:00	USER				Journey Management meeting held prior to departure, journey called into dispatch and approved.
Event	2	Arrive at Location from Service Center	Arrive at Location from Service Center	6/18/2019	08:30:00	USER				With all equipment and materials, hazard hunt performed before spotting in equipment, discussed numbers and job procedures with customer. Tubing: 2 3/8" 4.7# @ 6938' TOC @ 6278', Csg 4 1/2" 11.6# OH 9", Surf Csg 8 5/8", 24# Plug #2 Tubing: 2 3/8" 4.7#, Csg 4 1/2" 11.6# perf's @ 2585' TOC 2072' OH 9", Surf Csg 8 5/8", 24# Plug #3 Tubing: 2 3/8" 4.7# perf's 676', Csg 4 1/2" 11.6# OH 9", Surf Csg 8 5/8", 24# cut @ 476 TOC 5'.
Event	3	Comment	Comment	6/18/2019	08:35:00	USER				
Event	4	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	6/18/2019	08:45:00	USER				JSA with all essential personnel to discuss the hazards of rigging up.
Event	5	Rig-Up Completed	Rig-Up Completed	6/18/2019	09:00:00	USER				Safely with no injuries.
Event	6	Pre-Job Safety Meeting	Pre-Job Safety Meeting	6/18/2019	09:15:00	USER				JSA with all essential personnel to discuss the job procedures and the hazards of the job.

iCem Service

Event	Start Job	Start Job	6/18/2019	10:12:57	COM4	10.00	8.35	0.00	Start recording data.
Event 8	Test Lines	Test Lines	6/18/2019	10:21:29	COM4	1235.00	8.31	0.00	Tested to 3000psi.
Event 9	Pump Spacer 1	Pump Spacer 1	6/18/2019	10:46:35	COM4	585.00	8.35	0.00	110bbls of fresh water to roll gas out the hole.
Event 10	Pump Cement	Pump Cement	6/18/2019	11:17:08	COM4	782.00	8.18	0.00	45SkS 9.2bbls 15.8ppg 1.15yd 5.00gal/sk verified with pressurized scales.
Event 11	Pump Displacement	Pump Displacement	6/18/2019	11:19:57	COM4	232.00	15.69	0.00	25bbls of fresh water to balance.
Event 12	Shutdown	Shutdown	6/18/2019	11:28:18	COM4	39.00	2.09	0.00	Waiting on wireline.
Event 13	Pump Cement	Pump Cement	6/18/2019	13:20:03	COM4	137.00	8.50	0.00	35SkS 7.2bbls 15.8ppg 1.15yd 5.00gal/sk verified with pressurized scales.
Event 14	Pump Displacement	Pump Displacement	6/18/2019	13:23:03	COM4	123.00	15.88	0.00	8bbls of fresh water to balance.
Event 15	Shutdown	Shutdown	6/18/2019	13:26:45	COM4	6.00	-0.29	0.00	Waiting on wire line to shoot perf's.
Event 16	Pump Spacer 1	Pump Spacer 1	6/18/2019	13:53:46	COM4	15.00	7.88	0.00	10bbls of mud flush, followed by 32bbls of fresh water.
Event 17	Pump Cement	Pump Cement	6/18/2019	14:22:00	COM4	12.00	7.78	0.00	265SkS, 54bbls 15.8ppg 1.15yd 5.00gal/sk verified with pressurized scales.
Event 18	End Job	End Job	6/18/2019	14:53:36	COM4	40.00	15.26	0.00	Stop recording data.
Event 19	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	6/18/2019	15:30:00	USER				JSA with all essential personnel to discuss the hazards of rigging down.
Event 20	Rig-Down Completed	Rig-Down Completed	6/18/2019	16:00:00	USER				Safely with no injuries.
Event 21	Depart Location for Service Center or Other Site	Depart Location for Service Center or Other Site	6/18/2019	16:30:00	USER				Journey Management meeting held prior to departure. Journey called into dispatch and approved.

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Event	22	Comment	Comment	6/18/2019	16:35:00	USER

""Thank You for
choosing
Halliburton..... ""