

The Road to Excellence Starts with Safety

Sold To #: 345242		Ship To #: 2370201		Quote #:		Sales Order #: 0905591690				
Customer: NOBLE ENERGY INC-EBUS				Customer Rep: Tony Mathias						
Well Name: OCOMA		Well #: B 29-12,		API/UWI #: 05-123-13392						
Field:		City (SAP): KERSEY		County/Parish: WELD		State: COLORADO				
Legal Description:										
Contractor:				Rig/Platform Name/Num:						
Job BOM: 7528 7528										
Well Type: GAS										
Sales Person: HALAMERICA\HB70026				Srvc Supervisor: James Bunnell						
Job										
Well Data										
Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Tubing		2.375	1.995	4.7			0	6500		
Casing		4.5	4	11.6			0	6980		
Fluid Data										
Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Mud Flush III (Powder)	Mud Flush III	10	bbl	8.4					
42 gal/bbl		FRESH WATER								
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
2	HalCem	HALCEM (TM) SYSTEM	210	sack	15.8	1.15			5	
5 Gal		FRESH WATER								
554' – 5'										

2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Activity	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	Call Out	3/28/2019	04:00:00	USER					For on location @0700
Event	2	Depart from Service Center or Other Site	Depart from Service Center or Other Site	3/28/2019	06:00:00	USER					Journey management meeting held to discuss journey. Journey called into dispatch.
Event	3	Arrive at Location from Other Job or Site	Arrive at Location from Other Job or Site	3/28/2019	07:00:00	USER					With all equipment and materials.
Event	4	Other	Other	3/28/2019	07:05:00	USER					2 3/8 4.7# tubing @554' 8 5/8 24#casing @319' 9" OH TOC 5'
Event	5	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	3/28/2019	07:10:00	USER					To discuss hazards of rig up.
Event	6	Rig-Up Completed	Rig-Up Completed	3/28/2019	08:10:00	USER					With no incidents.
Event	7	Pre-Job Safety Meeting	Pre-Job Safety Meeting	3/28/2019	08:15:00	USER	8.36	0.00	45.00	4.90	With all site personnel to discuss hazards of pump job.
Event	8	Start Job	Start Job	3/28/2019	08:34:55	COM4	8.21	0.00	44.00	4.90	Start recording data.
Event	9	Test Lines	Test Lines	3/28/2019	08:37:39	COM4	8.42	0.00	124.00	5.10	Tested to 3200psi
Event	10	Pump Spacer 1	Pump Spacer 1	3/28/2019	08:55:20	COM4	8.40	1.50	172.00	0.00	10bbls mud flush.
Event	11	Pump Spacer 2	Pump Spacer 2	3/28/2019	09:04:34	COM4	8.35	1.50	157.00	13.90	5bbls fresh water.
Event	12	Pump Cement	Pump Cement	3/28/2019	09:08:04	COM4	8.33	1.50	157.00	5.30	210sks 43 bbls 15.8ppg 1.15yd 5.00gl/sk verified with pressurized scales.
Event	13	Pump Displacement	Pump Displacement	3/28/2019	09:47:25	COM4	16.28	2.10	155.00	0.00	1.5bbls fresh water to string float.

Event	14	End Job	End Job	3/28/2019	10:10:58	COM4	16.66	0.00	-3.00	2.90	Stop recording data.
Event	15	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	3/28/2019	12:30:00	USER					To discuss hazards of rig down.
Event	16	Rig-Down Completed	Rig-Down Completed	3/28/2019	12:45:00	USER					With no incidents.
Event	17	Depart Location for Service Center or Other Site	Depart Location for Service Center or Other Site	3/28/2019	13:00:00	USER					Journey management meeting held to discuss journey. Journey called into dispatch.
Event	18	Other	Other	3/28/2019	13:30:00	USER					Thank you from Halliburton and crew.