

The Road to Excellence Starts with Safety

Sold To #: 375989		Ship To #: 3894684		Quote #: 0022471434		Sales Order #: 0905161864					
Customer: CONFLUENCE DJ LLC-EBUS				Customer Rep: Tom Thoams/Josh Klisen							
Well Name: MIDDLEPARK			Well #: 18-5-4L		API/UWI #:						
Field:	City (SAP): KERSEY		County/Parish: WELD		State: COLORADO						
Legal Description:											
Contractor: XTREME DRLG				Rig/Platform Name/Num: XTREME 24							
Job BOM: 7523 7523											
Well Type: OIL											
Sales Person: HALAMERICA\HX38199				Srv Supervisor: Kamereon White							
Job											
Formation Name											
Formation Depth (MD)		Top		Bottom							
Form Type				BHST							
Job depth MD		16523ft		Job Depth TVD							
Water Depth				Wk Ht Above Floor		4					
Perforation Depth (MD)		From		To							
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	
Casing		9.625	8.921	36			0	1549		0	
Casing		5.5	4.778	20			0	16523		0	
Open Hole Section			8.5				1549	16532	0	6484	
Tools and Accessories											
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make		
						Latch Down Plug	5.5	1	WTHR		
Float Shoe	5.5	1	WTHR	16523							
Float Collar	5.5	1	WTHR	16507							
						Plug Container	5.5	1	HES		
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	Diesel	Diesel			20	bbl	6.9			10.1	

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
2	13 lb/gal Tuned Spacer III	Tuned Spacer III	100	bbl	13	2.38	14	5	
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
3	ElastiCem	ELASTICEM (TM) SYSTEM	1977	sack	14.4	1.7		6	7.29
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
4	MMCR Displacement	MMCR Displacement	20	bbl	8.34				
0.50 gal/bbl		MICRO MATRIX CEMENT RETARDER, 5 GAL PAIL (100003781)							
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
5	Displacement	Displacement	346	bbl	8.34			8	
		BE-3S,							
		CLA-WEB - TOTE (101985045)							
Cement Left In Pipe		Amount	34 ft		Reason			Shoe Joint	
Mix Water:		pH 7	Mix Water Chloride:		< 400 ppm		Mix Water Temperature:		51 Deg
			Plug Displaced by:		8.33 ppg				
Plug Bumped?		Yes	Bump Pressure:		2400 psi		Floats Held?		Yes
Spacer Returns:		8 bbl	Returns Density:		13.0 lb/gal				
Comment									

2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DS Pump Press (psi)	DH Density (ppg)	Comb Pump Rate (bbl/min)	Comments
Event	1	Call Out	Call Out	9/27/2018	21:30:00	USER				Crew was called out and was requested to be on location @ 03:30 on 09/28/2018.
Event	2	Depart from Service Center or Other Site	Depart from Service Center or Other Site	9/28/2018	00:30:00	USER				Crew left the yard and called in a journey.
Event	3	Arrive at Location from Service Center	Arrive at Location from Service Center	9/28/2018	02:00:00	USER				Crew arrived on location early and the rig was running casing. Closed journey management.
Event	4	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	9/28/2018	02:50:00	USER				Discussed the spot in and rig up procedures. Supervisor met with the customer and got well information.OH-8.5", TD-16,532', TP-16,527.26', FC-16,507.21', Cas-5.5" 20# P110, TVD-6484', PC-9.625" 36# Set @ 1549' Mud# 9.5 OBM.
Event	5	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	9/28/2018	02:55:00	USER				Discussed the JSA and the rig up procedures.
Event	6	Other	Rig Up Equipment	9/28/2018	03:00:00	USER				Rig up all HES equipment and lines.
Event	7	Other	Rig Up Completed	9/28/2018	04:00:00	USER				All HES equipment and lines rigged up safely, No one got hurt.
Event	8	Casing on Bottom	Casing on Bottom	9/28/2018	04:30:00	USER				Casing on bottom and rig circulated until the pre job

										safety meeting, due to no circulation , rig got circulation back and turned it over to Halliburton for the cement job.
Event	9	Safety Meeting - Pre Job	Safety Meeting - Pre Job	9/28/2018	07:30:00	USER	-45.00	8.47	0.00	Discussed the job procedure and psi with all personnel involved with the cement job.
Event	10	Other	Other	9/28/2018	08:13:40	COM4	-44.00	8.52	0.00	Fill lines with 3 bbls of water, 3bpm 150 psi.
Event	11	Check Weight	Check Weight	9/28/2018	08:17:31	COM4	-21.00	8.50	0.00	Checked the weight of the spacer with the pressurized mud scales scaled @ 13.0 ppg.
Event	12	Test Lines	Test Lines	9/28/2018	08:23:37	COM4	6460.00	8.68	0.00	Tested the lines to 500 psi to test the kickouts, then we performed a high pressure test to 6500 psi and held for 2 min no leaks.
Event	13	Pump Spacer 1	Pump Spacer 1	9/28/2018	08:25:33	COM4	-30.00	8.48	0.00	Pumped 100 bbls of Tuned spacer III @ 13.0 ppg, 2.38 yield, 14.00 gal/sk (236 sks) 5 bpm 356 psi.
Event	14	Pump Cement	Pump Cement	9/28/2018	08:46:09	COM4	597.00	14.46	8.20	Pumped 599 bbls of cement @ 14.4 ppg ,1.70 yield, 7.29 gal/sk (1977 sks) 6 bpm 875 psi.
Event	15	Check Weight	Check Weight	9/28/2018	08:46:14	COM4	627.00	14.52	8.20	Checked the weight of the Cement with the pressurized mud scales scaled @ 14.4 ppg.
Event	16	Check Weight	Check Weight	9/28/2018	08:59:49	COM4	774.00	14.42	8.20	Checked the weight of the Cement with the pressurized mud scales, scaled @ 14.4 ppg.

Event	17	Shutdown	Shutdown	9/28/2018	10:37:40	COM4	36.00	5.15	0.00	Shutdown and swapped valves over to wash up pumps and lines.
Event	18	Drop Top Plug	Drop Top Plug	9/28/2018	10:47:44	COM4	-28.00	8.05	0.00	Co.Man & Drilling Engineer verified the Latch down plug being loaded and dropped.
Event	19	Pump Displacement	Pump Displacement	9/28/2018	10:47:46	COM4	-22.00	7.91	0.00	Pumped 366 bbls of water with the first 30 bbls with MMCR and BE3, Then Poured claweb throughout and left the last 30 bbls fresh water with no chemicals.
Event	20	Bump Plug	Bump Plug	9/28/2018	11:44:26	COM4	2863.00	8.35	0.00	Bumped the plug on calculated displacement, Final circulating 2400 psi and took 500 psi over to 2900 psi.
Event	21	Other	Other	9/28/2018	11:47:14	COM4	3020.00	8.34	0.00	Checked the floats and the floats held, we got 4 bbls back.
Event	22	End Job	End Job	9/28/2018	11:49:11	COM4				Cement job complete, EST top of cement @ 1820', Got 8 bbls of spacer back to surface.
Event	23	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	9/28/2018	11:50:00	USER	-30.00	8.24	0.00	Discussed any potential hazards while rigging down, Watch slips/trips/falls in the mud. Watch footing.
Event	24	Rig Down Lines	Rig Down Lines	9/28/2018	12:00:00	USER	74.00	8.26	3.90	Rig down all HES equipment and lines.
Event	25	Rig-Down Completed	Rig-Down Completed	9/28/2018	13:00:00	USER				All HES equipment and lines rigged down safely.
Event	26	Depart Location for Service Center or Other	Depart Location for Service Center or Other	9/28/2018	14:00:00	USER				Kamereon White and Crew would like to thank you for

Site

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your business and choosing
Halliburton Cement, Please
give us a call if you have any
questions.

3.0 Attachments

3.1 MiddlePark 18-5-4L Production.png

