

	DOUBL								
	DS 26					DS 31			
	ID	Data	OD			ID	Data	OD	
			3 5/8"	3 3/8"				4 3/8"	4 1/8"
	1 1/2"	Torque (ft-lb)	11,757	8,976		1 5/8"	Torque (ft-lb)	22,018	18,494
		Tension (lb)	3,90,260	3,90,260			Tension (lb)	6,23,847	6,23,847
		Make-up (ft-lb)	7,054	5,386			Make-up (ft-lb)	13,211	11,096
	1 5/8"	Torque (ft-lb)	10,694	9,040		2.00"	Torque (ft-lb)	17,723	17,513
		Tension (lb)	3,53,444	3,53,444			Tension (lb)	4,95,729	4,95,729
		Make-up (ft-lb)	6,416	5,424			Make-up (ft-lb)	10,634	10,508
	1 3/4"	Torque (ft-lb)	9,522	9,104		2 1/8"	Torque (ft-lb)	16,038	15,849
		Tension (lb)	3,13,683	3,13,683			Tension (lb)	4,47,133	4,47,133
		Make-up (ft-lb)	5,713	5,462			Make-up (ft-lb)	9,623	9,509
	DS 38					DS 40			
	ID	Data	OD			ID	Data	OD	
			5"	4 7/8"				5 1/2"	5 1/4"
	2 1/8"	Torque (ft-lb)	35,012	30,294		2 7/16"	Torque (ft-lb)	40,006	39,095

		Tension (lb)	8,42,443	8,42,443
		Make-up (ft-lb)	21,007	18,176
	2 7/16"	Torque (ft-lb)	29,707	29,557
		Tension (lb)	7,08,066	7,08,066
		Make-up (ft-lb)	17,824	17,734
	2 9/16"	Torque (ft-lb)	27,322	27,185
		Tension (lb)	6,49,162	6,49,162
		Make-up (ft-lb)	16,393	16,311
	OCTL DS 46			
	ID	Data	OD	

		Tension (lb)	8,97,165	8,97,165
		Make-up (ft-lb)	24,003	23,457
	2 9/16"	Torque (ft-lb)	37,512	37,155
		Tension (lb)	8,38,260	8,38,260
		Make-up (ft-lb)	22,507	22,293
	2 11/16"	Torque (ft-lb)	34,857	34,527
		Tension (lb)	7,76,157	7,76,157
		Make-up (ft-lb)	20,914	20,716
	OCTL DS 50			
	ID	Data	OD	

			6 1/4"	6 1/8"
		Torque (ft-lb)	59,904	59,651
		Tension (lb)	11,83,908	11,83,908
	2 3/4"	Make-up (ft-lb)	35,943	35,791
		Torque (ft-lb)	53,393	53,170
		Tension (lb)	10,48,431	10,48,431
	3.00"	Make-up (ft-lb)	32,036	31,902
	3 1/4"	Torque (ft-lb)	46,149	45,958

			6 5/8"	6 1/2"
		Torque (ft-lb)	84,483	76,024
		Tension (lb)	15,51,706	15,51,706
	2 3/4"	Make-up (ft-lb)	50,690	45,614
		Torque (ft-lb)	77,622	76,625
		Tension (lb)	14,16,507	14,16,507
	3.00"	Make-up (ft-lb)	46,573	45,975
	3 1/4"	Torque (ft-lb)	69,984	69,713



		Make-up (ft-lb)	58,801	57,421	
		Torque (ft-lb)	88,145	87,836	
		Tension (lb)	14,48,412	14,48,412	
	3 3/4"	Make-up (ft-lb)	52,887	52,701	
		Torque (ft-lb)	77,407	77,137	
		Tension (lb)	12,65,807	12,65,807	
	4.00"	Make-up (ft-lb)	46,444	46,282	