

Equipment No's: Ref. Enclosed page

Spec. No.: DP-5-02

TECHNICAL SPECIFICATIONS

5" OD Drill Pipe, S-135, NC-50 Vam Eis Conn's.

New

Premium

80% Remaining Body Wall

DESCRIPTION

Type IEU, 19.5 #
Range 2
Conventional=welded T-J. / Integral=Monoblock Conventional

TUBE DATA

Material grade				S-135	
Internal plastic coating				TK-34P	
Tube body OD x ID	inch	5,000	4,276	4,855	4,276
Wall thickness, nominal	inch	0,362			0,290
Cross Sectional Area	inch ²	5,275			4,152
Polar Sectional Modulus	inch ³	11,415			8,949
Tensile yield pipe	lbf	712 100			560 600
	kN	3 168			2 494
Torsional yield pipe	lbf-ft	74 100			58 100
	kNm	100,5			78,8
80% Torsional Yield	lbf-ft	59 280			46 480
	kNm	80,4			63,0

CONNECTIONS DATA

Connection type				NC-50 Vam Eis	
Material grade				130ksi	
Hardbanding				Arnco-300 XT	
OD x ID	inch	6,625	3,250	6,313	3,250
B.S.R.	x : 1	2,43			1,97
Tensile yield tooljoint	lbf	1 353 900			1 254 900
	kN	6 022			5 582
Torsional yield tooljoint	lbf-ft	80 700			76 000
	kNm	109,4			103,0
Make up torque (Max.)	lbf-ft	46 000			43 300
	kNm	62,4			58,7

OPERATIONAL DATA

Tool-joint/Drill-pipe torsional ratio		1,09		1,39	
Drift diameter	inch		3,125		
Type of elevator shoulder			18°		
Burst pressure	psi	17 100			15 600
	Mpa	118			108
Collapse pressure	psi	15 700			10 000
	MPa	108			69
Adjusted weight	lbs/ft		23,0		
	kg/mtr		34,2		
Approx weight each joint	lbs		718,0		
	kg		325,7		
Capacity	gal/ft		0,71		
	ltr/mtr		8,85		
Open end displacement	gal/ft		0,34		
	ltr/mtr		4,20		
Closed end displacement	gal/ft		1,05		
	ltr/mtr		13,05		
Built In Length (shoulder to shoulder)	ft		31,17		
	mtr.		9,50		

Calculated using nominal OD & ID. Safety & Dope friction factor used: 1.0

Values herein is meant as guidelines only. Odfjell will not be held liable for any damage or injuries !

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Docs. # 1054042

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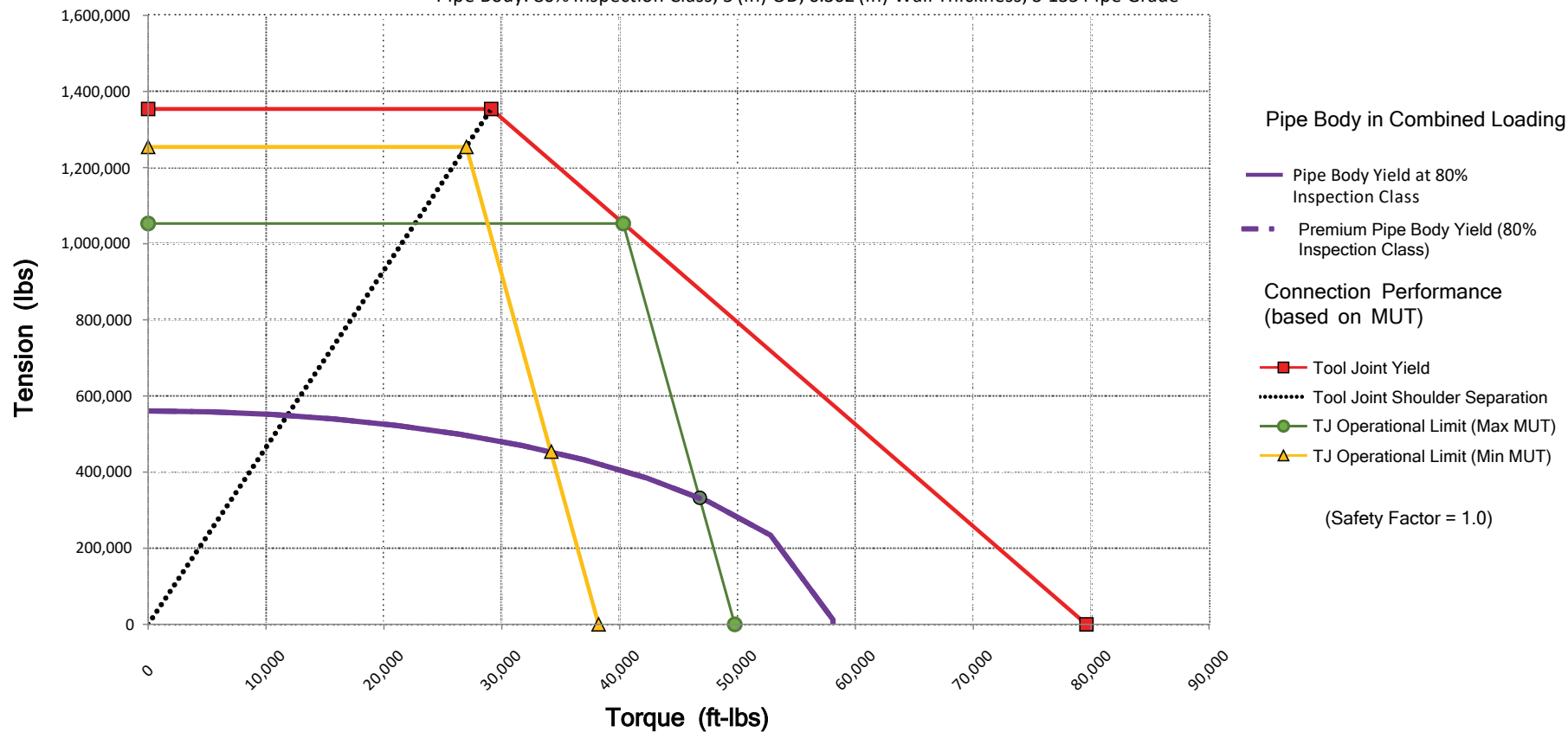


ODFJELL WELL SERVICES
A PART OF ODFJELL DRILLING

<i>String number:</i>	<i>Joints:</i>	<i>Individual serial numbers:</i>
OWS-DP-59-EIS	643	OWS-001 to OWS-643
OWS-DP-510-EIS	646	OWS-650 to OWS-1296

Torque-Tension Graph

Connection: NC50 EIS™-130 (6.625 (in) OD 3.25 (in) ID) SMYS = 130,000 (psi) Friction Factor = 1.0
Pipe Body: 80% Inspection Class, 5 (in) OD, 0.362 (in) Wall Thickness, S-135 Pipe Grade



All references to any internal standards or specifications are per the current edition/revision at the point of manufacturing, unless otherwise stated. All references to any external standards or specifications are per the current edition/revision at the original purchase order (P.O.) date, unless otherwise stated.



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