

TECHNICAL SPECIFICATIONS

Equipment No's: Ref. Enclosed page

Spec. No.: DP-5.875-05

5-7/8" OD TWDP. "Landing String", S-135, XT-57 Conn's.

New

Premium

80% remaining Body Wall

DESCRIPTION

Type
Range
Conventional=welded T-J. / Integral=Monoblock

IEU, 34.21 #
2
Conventional

TUBE DATA

Material grade		S-135			
Internal plastic coating		TK-34P			
Tube body OD x ID	inch	5,875	4,625	5,625	4,625
Wall thickness, nominal	inch	0,625		0,500	
Cross Sectional Area	inch ²	10,308		8,050	
Polar Sectional Modulus	inch ³	24,523		18,974	
Tensile yield pipe	lbf	1 391 600		1 086 800	
	kN	6 190		4 834	
Torsional yield pipe	lbf-ft	159 200		123 200	
	kNm	215,8		167,0	
80% Torsional Yield	lbf-ft	127 360		98 560	
	kNm	172,7		133,6	

CONNECTION DATA

Connection type		XT-57			
Material grade		120ksi			
Hardbanding		Arcco-300XT			
OD x ID	inch	7,000	3,750	6,767	3,750
B.S.R.	x : 1	NA		NA	
Tensile yield tooljoint	lbf	1 424 700		1 300 600	
	kN	6 337		5 785	
Torsional yield tooljoint	lbf-ft	113 100		98 300	
	kNm	153,3		133,3	
Make up torque (Max.)	lbf-ft	67 900		59 000	
	kNm	92,1		80,0	

OPERATIONAL DATA

Tool joint/Drill pipe torsional ratio	=> 0.80	0,71	0,92
Drift diameter	inch	3,625	
Type of elevator shoulder:		18°	
Burst pressure	psi	25 130	22 980
	Mpa	173	158
Collapse pressure	psi	25 670	21 870
	MPa	177	151
Adjusted weight	lbs/ft	42,02	
	kg/mtr	62,5	
Approx weight each joint	lbs	1 345	
	kg	610	
Capacity	gal/ft	0,82	
	ltr/mtr	10,18	
Open end displacement	gal/ft	0,64	
	ltr/mtr	7,95	
Closed end displacement	gal/ft	1,46	
	ltr/mtr	18,13	
Built In Length (shoulder to shoulder)	ft	32,0	
	mtr	9,75	

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 !

<i>String number:</i>	<i>Joints:</i>	<i>Individual serial numbers:</i>
OWS-DPL-5782	232	OWS-500 to OWS-732