

TECHNICAL SPECIFICATIONS

Equipment No's: Ref. Enclosed page

Spec. No.: DP-5.875-06

5-7/8" OD TWDP. "Landing String", 5-1/2" FH Vam Eis Conn's.

New

Premium

80% remaining Body Wall

DESCRIPTION

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

IEU, 40.91 #
2
Conventional

TUBE DATA

Material grade		S-135			
Internal plastic coating		None			
Tube body OD x ID	inch	5,875	4,595	5,619	4,595
Wall thickness, nominal	inch	0,640		0,512	
Cross Sectional Area	inch ²	10,526		8,215	
Polar Sectional Modulus	inch ³	24,916		19,256	
Tensile yield pipe	lbf	1 420 000		1 109 000	
	kN	6 316		4 933	
Torsional yield pipe	lbf-ft	162 000		125 000	
	kNm	219,6		169,5	
80% Torsional Yield	lbf-ft	129 600		100 000	
	kNm	175,7		135,6	

CONNECTION DATA

Connection type		5-1/2" FH. Vam Eis			
Material grade		130 ksi			
Hardbanding		None			
OD x ID	inch	7,000	3,750	6,875	3,750
B.S.R.	x : 1	2,12		1,96	
Tensile yield tooljoint	lbf	1 516 600		1 339 500	
	kN	6 746		5 958	
Torsional yield tooljoint	lbf-ft	96 600		88 400	
	kNm	131,0		119,9	
Make up torque (Max.)	lbf-ft	55 100		50 400	
	kNm	74,7		68,3	

OPERATIONAL DATA

Tool joint/Drill pipe torsional ratio	=> 0.80	0,60	0,77
Drift diameter	inch	3,625	
Type of elevator shoulder:		18°	
Burst pressure	psi	25 700	
	Mpa	177	
Collapse pressure	psi	26 200	
	MPa	181	
Adjusted weight	lbs/ft	41,03	
	kg/mtr	61,06	
Approx weight each joint	lbs	1 297	
	kg	588	
Capacity	gal/ft	0,83	
	ltr/mtr	10,31	
Open end displacement	gal/ft	0,63	
	ltr/mtr	7,82	
Closed end displacement	gal/ft	1,46	
	ltr/mtr	18,13	
Built In Length (shoulder to shoulder)	ft	31,6	
	mtr	9,6	

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-5781	61	OWS-L01 to OWS-L62