

Equipment No's: Ref. Enclosed page

Spec. No.: DP-5-10

TECHNICAL SPECIFICATIONS

5" OD TWDP. "Landing String", 110 ksi, NC-50 Conn's.
New
Premium

80% Remaining Body Wall

DESCRIPTION

 Type 42.5 #
 Range 2
 Conventional=welded T-J. / Integral=Monoblock Integral

TUBE DATA

Material grade		AISI-4145H			
Internal plastic coating		None			
Tube body OD x ID	inch	5,000	3,000	4,600	3,000
Wall thickness, nominal	inch	1,000		0,800	
Cross Sectional Area	inch ²	12,566		9,550	
Polar Sectional Modulus	inch ³	21,363		15,654	
Tensile yield pipe	lbf	1 382 300		1 050 500	
	kN	6 149		4 673	
Torsional yield pipe	lbf-ft	113 000		82 800	
	kNm	153,2		112,3	
80% Torsional Yield	lbf-ft	90 400		66 240	
	kNm	122,6		89,8	

CONNECTIONS DATA

Connection type		NC-50 Standard			
Material grade		AISI-4145H			
Hardbanding		None			
OD x ID	inch	6,500	3,000	6,313	3,000
B.S.R.	x : 1	2,10		1,85	
Tensile yield tooljoint	lbf	1 269 400		1 061 800	
	kN	5 647		4 723	
Torsional yield tooljoint	lbf-ft	52 250		43 380	
	kNm	70,8		58,8	
Make up torque (Max.)	lbf-ft	29 700		24 600	
	kNm	40,3		33,4	

OPERATIONAL DATA

Tool-joint/Drill-pipe torsional ratio		0,46		0,63
Drift diameter	inch		2,875	
Type of elevator shoulder			18°	
Burst pressure	psi	38 500		35 200
	Mpa	265		243
Collapse pressure	psi	35 200		31 607
	MPa	243		218
Adjusted weight	lbs/ft		49,5	
	kg/mtr		73,7	
Approx weight each joint	lbs		1 559	
	kg		707	
Capacity	gal/ft		0,37	
	ltr/mtr		4,58	
Open end displacement	gal/ft		0,76	
	ltr/mtr		9,44	
Closed end displacement	gal/ft		1,13	
	ltr/mtr		14,02	
Built In Length (shoulder to shoulder)	ft		31,5	
	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 !

<http://www.ows.no/Legal-Notice>

Docs. # 1056617

Frb - 11.12.2014

**ODFJELL WELL SERVICES**

A PART OF ODFJELL DRILLING

<i>String number:</i>	<i>Joints:</i>	<i>Individual serial numbers:</i>
OWS-DPL-52	67	OWS-8198, 8199, 8200, 8201, 8202, 8203, 8205, 8206, 8207, 8211, 8214, 8215, 8220, 8224, 8225, 8226, 8228, 8229, 8230, 8232, 8233, 8238, 8240, 8242, 8248, 8494, 8508, 8512, 8515, 8517, 8521, 8663, 8667, 8683, 8688, 8689, 8690, 8691, 8692, 8693, 8695, 8696, 8697, 8698, 8702, 8703, 8705, 8706, 8708, 8710, 8711, 8713, 8718, 8719, 8721, 8722, 8728, 8734, 8738, 8739, 8740, 8741, 8742, 8743, 8745, 8748, 8748