

Equipment No's: Ref. Enclosed page

Spec. No.: DP-2.875-04

TECHNICAL SPECIFICATIONS

2-7/8" OD Drill Pipe, S-135, 2-7/8" HT-PAC Conn's.
New
Premium

80% Remaining Body Wall

DESCRIPTION

 Type IU, 10.4 #
 Range 2
 Conventional=welded T-J. / Integral=Monoblock Conventional

TUBE DATA

Material grade			S-135
Internal plastic coating			TC-2000
Tube body OD x ID	inch	2,875 2,151 2,730 2,151	
Wall thickness, nominal	inch	0,362	0,290
Cross Sectional Area	inch ²	2,858	2,220
Polar Sectional Modulus	inch ³	3,204	2,456
Tensile yield pipe	lbf	385 800	299 800
	kN	1 716	1 334
Torsional yield pipe	lbf-ft	20 800	15 950
	kNm	28,2	21,6
80% Torsional Yield	lbf-ft	16 640	12 760
	kNm	22,6	17,3

CONNECTIONS DATA

Connection type		2-7/8" HT-PAC
Material grade		120 ksi
Hardbanding		None / TCS Titanium
OD x ID	inch	3,125 1,500 2,945 1,500
B.S.R.	x : 1	NA NA
Tensile yield tooljoint	lbf	273 000 273 000
	kN	1 214 1 214
Torsional yield tooljoint	lbf-ft	8 500 7 000
	kNm	11,5 9,5
Make up torque (Max.)	lbf-ft	5 100 4 200
	kNm	6,9 5,7

0,00135582

Tool-joint/Drill-pipe torsional ratio	=> 0.80 *	0,41	0,53
Drift diameter	inch	1,375	
Type of elevator shoulder		18°	
Burst pressure	psi	29 750	27 200
	Mpa	205	188
Collapse pressure	psi	29 700	25 600
	MPa	205	177
Adjusted weight	lbs/ft	10,41	
	kg/mtr	15,5	
Approx weight each joint	lbs	328	
	kg	149	
Capacity	gal/ft	0,184	
	ltr/mtr	2,29	
Open end displacement	gal/ft	0,160	
	ltr/mtr	1,99	
Closed end displacement	gal/ft	0,344	
	ltr/mtr	4,27	
Built In Length (shoulder to shoulder)	ft	31,5	
	mtr.	9,6	

 Calculated using nominal OD & ID. Safety & Dope friction factor used: 1.0
 Connection data from Grant Prideco

* API generally recommends a torsional ration of 0.80 or larger

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. # 1063589

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-DP-2785	200	OWS-2300 to OWS-2499
OWS-DP-2786	300	OWS-2500 to OWS-2799
OWS-DP-2788	480	OWS-3200 to OWS-3679