Drill Pipe Data & Performance Sheet

2-7/8" 10.40# S-135 R2 2-7/8 HT-PAC™

TUBE BODY DATA

Tube OD	2.875	in.	
Wall Thickness	0.362	in.	
Tube ID	2.151	in.	
Tensile Yield Strength	299,800	lbs. (API F	Premium 80% Inspection Class)
Torsional Yield Strength	15,900	ft-lbs. (API F	Premium 80% Inspection Class)
Upset Type Upset OD (max)		IU	3 in.
Elevator Capacity	16,805	lbs. Eleva	tor carrying capacity limited
Tube Burst	27,197	psi. (API P	remium 80% Inspection Class)
Tube Collapse	25,602	psi. (API P	remium 80% Inspection Class)
Slip-Crush Capacity (16.5" gripper contact length)	315,000	lbs.	

CONNECTION DATA

Connection	2-7/8 HT-PAC™			
Tool Joint OD	3.125 in.			
Tool Joint ID	1.500 in.			
Tool Joint SMYS	120,000 psi.			

CONNECTION PERFORMANCE

Make Up Torque (Max.)¹	5,100 5,865	ft-lbs. (1.0 FF) ft-lbs. (1.15 FF)
Connection Tensile Yield (@ Max. M/U TQ)	223,300	lbs. Assembly is connection weak in tension
Connection Torsional Yield	8,500	ft-lbs.

ENGINEERING DATA

Approximate Length	31	ft.		
Drift Diameter	1.375	in.		
Adj. Weight	10.51	lbs. / ft.		
Displacement	0.1607	gal. / ft.	0.0038	bbls. / ft.
Capacity	0.1800	gal. / ft.	0.0043	bbls. / ft.

Notes:

¹Max MUT 1.0 FF is 60% of connection torsional strength. As required, adjust MUT according to applied thread compound friction factor, not exceeding 1.15. Rec MUT for most applications is that shown for 1.0 FF, regardless of dope used. Higher MUT should only be applied where rotary torque exceeds 80% of MUT 1.0 FF or when downhole torque and/or backoff is a concern.

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