Drill Pipe Data & Performance Sheet

4" 14.00# S-135 XT-39™ WEAR KNOT

TUBE BODY DATA

Tube OD	4.000	in.
Wall Thickness	0.330	in.
Tube ID	3.340	in.
Tensile Yield Strength	403,500	lbs. (API Premium 80% Inspection Class)
Torsional Yield Strength	32,800	ft-lbs. (API Premium 80% Inspection Class)
Upset Type Upset OD (max)		IU 4.100 in.
Elevator Capacity	587,692	lbs.
Tube Burst	17,820	psi. (API Premium 80% Inspection Class)
Tube Collapse	13,836	psi. (API Premium 80% Inspection Class)
Slip-Crush Capacity (16.5" gripper contact length)	386,300	lbs.

CONNECTION DATA

Connection	XT-39™	
Tool Joint OD	4.938	in.
Tool Joint ID	2.563	in.
Tool Joint SMYS	130,000	psi.

CONNECTION PERFORMANCE

Make Up Torque (Max.) ¹	25,400 29,210	ft-lbs. (1.0 FF) ft-lbs. (1.15 FF)
Connection Tensile Yield (@ Max. M/U TQ)	665,700	lbs.
Connection Torsional Yield	42,300	ft-lbs.

ENGINEERING DATA

Approximate Length	31	ft.		
Drift Diameter	2.438	in.		
Adj. Weight	19.46	lbs. / ft.		
Displacement	0.2379	gal. / ft.	0.0057	bbls. / ft.
Capacity	0.4363	gal. / ft.	0.0104	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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