



DOC TITLE: TUBING PERFORMANCE DATA SHEET

DOC. NO. TAS-RT-TBG-0002

REV: NA

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TUBING PERFORMANCE DATA SHEET

IMPERIAL UNIT

Pipe Size & Weight: 2-7/8 6.50lb/ft
Pipe Grade: L-80
Range: 2
Tool Joint: Hydril 533

<u>PIPE BODY DATA</u>		<u>New Nominal</u>	<u>PIPE BODY DATA</u>		<u>New Nominal</u>
Pipe Outside Diameter (OD)	in	2.875	Wall Thickness	in	0.217
Pipe Inside Diameter (ID)	in	2.441	Drift Diameter	in	2.347
Weight	lbs/ft	6.500	New Pipe Tensile Yield	lbs	145,000
Average Joint Weight	lbs	205	New Pipe Torsional Yield	ft-lbs	8,600
Grade		L-80	New Pipe Burst	psi	10,570
Average Joint Length	ft	31	New Pipe Collapse	psi	11,170
<u>TOOL JOINT</u>		<u>New Nominal</u>	<u>TOOL JOINT</u>		<u>New Nominal</u>
Connection Type		Hydril 533	Connection Burst Pressure	psi	New pipe
Box Outside Diameter (OD)	in	3.192	Connection Collapse Pressure	psi	New pipe
Pin Outside Diameter (OD)	in	3.179	Connection Torsional Yield	ft-lbs	6,600
Inside Diameter (ID)	in	2.391	Target Make-Up Torque	ft-lbs	2,200
Connection Tensile Yield	lbs	144,950	Min. Make-up Torque	ft-lbs	1,900

Premium properties are calculated based on uniform Outside Diameter and Wall Thickness
 Torque performances are calculated with coefficient of friction factor, 0.08.
 API recommends a torsional ratio of 0.8 or greater
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