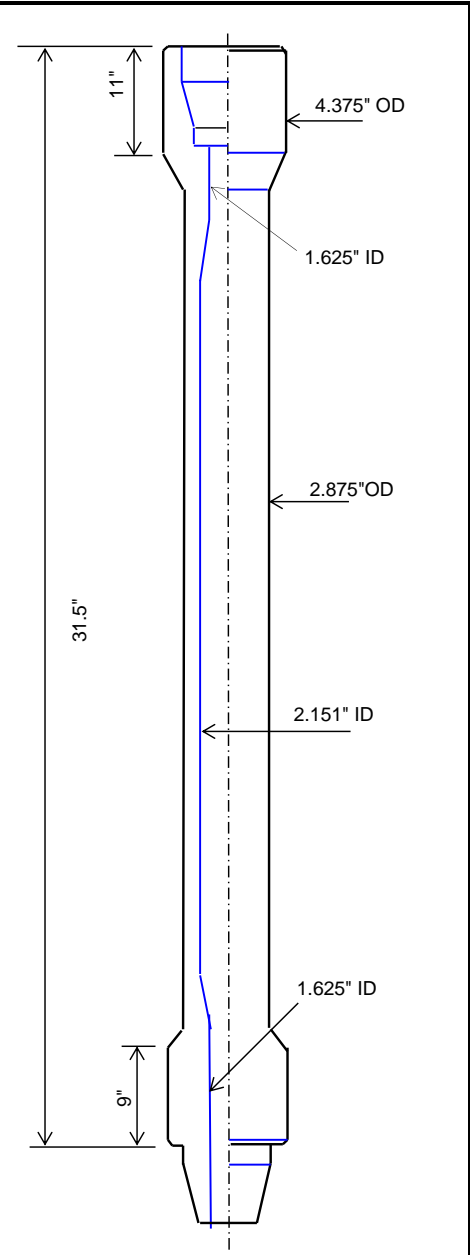


DRILL PIPE PERFORMANCE CHARACTERISTICS SHEET

DRILL PIPE	
Pipe Size and Weight:	2.7/8" x 10.4PPf
Pipe Grade:	S
Range:	2
Tool Joint:	4-3/8" x 1-5/8" NC31
PIPE	
Dimensional Data	New
OD (in)	2.875
Wall thickness (in)	0.362
Minimum wall (%)	95.0
ID (in)	2.151
Cross sectional area pipe body (in²)	2.858
Cross sectional area OD (in²)	6.492
Cross sectional area ID (in²)	3.634
Section modulus (in³)	1.602
Polar section modulus (in³)	3.204
Performance Data	New
Torsional strength (ft-lbs)	20,798
Tensile strength (lbs)	385,820
80% Torsional strength (ft-lbs)	16,638
Burst Pressure capacity (psi)	29,747
Collapse capacity (psi)	29,716
TOOL JOINT	
Dimensional Data	New
OD (in)	4.375
ID (in)	1.625
Pin tong length (in)	9
Box tong length (in)	11
Connection	NC31
Performance Data	New
Torsional Strength (ft-lbs)	16,951
Max Recommended Make-up Torque (ft-lbs)	10,171
Min Recommended Make-up Torque (ft-lbs)	7,628
Tensile strength (lbs)	623,844
Tool joint/Drill pipe torsional ratio (New pipe)	0.82
Drill pipe assembly with NC31 tool joint	
Average length (ft)	31.5
Drift size (in)	1.500



Note: Tool Joint and Pipe body values were derived as per API RP 7G and DS1 Latest edition. The above values are for reference only. DPI LLC is not responsible or liable for any loss or damage or injury resulting from the use of above information. All data described are the users own risk & responsibility.