

5.000" OD, HWDP, WELDED, STANDARD, 6.500" OD x 3.500" ID, NC50 VAM EIS

## HEAVY WEIGHT DRILL PIPE BODY

Nominal OD (in)	5.000
Nominal ID (in)	3.000
Pipe Grade	AISI 1340
Heavy Weight Type	STANDARD
HWConstruction	WELDED
Pipe Wall Thickness (in)	1.000
Cross Sectional Area of Pipe Body (in <sup>2</sup> )	12.566
Cross Sectional Area OD (in <sup>2</sup> )	19.635
Cross Sectional Area ID (in <sup>2</sup> )	7.069
Section Modulus (in <sup>3</sup> )	10.681
Polar Section Modulus (in <sup>3</sup> )	21.363
Torsional Strength (lbs/ft)	66,800
Tensile Strength (lbs)	817,000
Burst Pressure (psi)	26,000
Collapse Pressure (psi)	20,800

## HEAVY WEIGHT DRILL PIPE CONNECTION

OD (in)	6.500
ID (in)	3.500
Pin Tong Length (in)	27.00
Box Tong Length (in)	21.00
Connection	NC50 VAM EIS
Torsional Strength (lbs/ft)	57,500
Tensile Yield Strength (lbs)	1,020,000
Minimum Make-up Torque (lbs/ft)	26,100
Maximum Make-up Torque (lbs/ft)	34,300
Tool Joint/Drill Pipe Torsional Ratio (New)	0.86
Balanced OD	6.260

## HEAVY WEIGHT DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.76
Closed End Displacement (gal/ft)	1.12
Fluid Capacity (gal/ft)	0.37
Drift Size (in)	2.875
Adjusted Weight (lbs/ft)	49.53
Internal Plastic Coating	TK34P
Hardbanding	ARNCO 100 XT

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