

5-7/8" OD DRILL PIPE, 23.40 PPF, 7.000" OD X 4.250" ID, S-135, VX™ 57

## DRILL PIPE BODY

|                         |       |
|-------------------------|-------|
| Nominal Weight (lbs/ft) | 23.40 |
| Grade                   | S-135 |
| Type of Upset           | IEU   |

|  | New     | Premium |
|--|---------|---------|
| Nominal OD (in)                                      | 5-7/8   | 5.731   |
| Nominal ID (in)                                      | 5.153   | 5.153   |
| Pipe Wall Thickness (in)                             | 0.361   | 0.289   |
| Cross Sectional Area of Pipe Body (in <sup>2</sup> ) | 6.254   | 4.941   |
| Cross Sectional Area OD (in <sup>2</sup> )           | 27.109  | 25.796  |
| Cross Sectional Area ID (in <sup>2</sup> )           | 20.855  | 20.855  |
| Section Modulus (in <sup>3</sup> )                   | 8.126   | 6.401   |
| Polar Section Modulus (in <sup>3</sup> )             | 16.251  | 12.802  |
| Torsional Strength (lbs/ft)                          | 105,000 | 83,000  |
| Tensile Strength (lbs)                               | 844,000 | 667,000 |
| Burst Pressure (psi)                                 | 14,520  | 13,300  |
| Collapse Pressure (psi)                              | 10,820  | 6,200   |

## DRILL PIPE CONNECTION

|  |           |
|--|-----------|
| OD (in)                                    | 7.000     |
| ID (in)                                    | 4.250     |
| Pin Tong Length (in)                       | 10.00     |
| Box Tong Length (in)                       | 15.00     |
| Connection                                 | VX™ 57    |
| Torsional Strength (lbs/ft)                | 94,200    |
| Tensile Yield Strength (lbs)               | 1,400,000 |
| Minimum Make-up Torque (lbs/ft)            | 52,900    |
| Maximum Make-up Torque (lbs/ft)            | 60,700    |
| Tool Joint/Pipe Body Torsional Ratio (New) | 0.90      |

## DRILL PIPE ASSEMBLY

|                                  |              |
|----------------------------------|--------------|
| Approx Average Length (ft)       | 31.50        |
| Open End Displacement (gal/ft)   | 0.42         |
| Closed End Displacement (gal/ft) | 1.41         |
| Fluid Capacity (gal/ft)          | 1.03         |
| Drift Size (in)                  | 4.125        |
| Adjusted Weight (lbs/ft)         | 27.64        |
| Internal Plastic Coating         | TK34P        |
| Hardbanding                      | ARNCO 300 XT |

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