



DOC TITLE: SPIRAL DRILL COLLAR PERFORMANCE DATA SHEET

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REV: NA

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9-1/2" SPIRAL DRILL COLLAR PERFORMANCE DATA SHEET

Spiral DC Size & Weight: 9-1/2" x 2.813 ID
Material Grade: AISI 4145-H mod.
Length (ft): 31.6
Connection: 7-5/8" Reg

IMPERIAL UNIT

SPIRAL DRILL COLLAR DIMENSIONS			SPIRAL DRILL COLLAR DIMENSIONS		
Technical Details			Technical Details		
Pipe Body			Pipe Body		
Outside Diameter (OD)	in	9.500	Cross Sectional Area of Pipe Body	in sq	63.815
Inside Diameter (ID)	in	3.000	Cross Sectional Area of OD	in sq	70.882
Shoulder type	in	18°	Cross Sectional Area of ID	in sq	7.070
Overall Length (New)	ft	31.500	Sectional Modulus	in Cu	83.335
Plain End Weight (lbs/ft)	lbs/ft	216.70	Polar Section Modulus	in Cu	166.670
Box Tong Space	inch	23.6			
Pin Tong Space	inch	29.5			
Connection			Drill Collar Assembly		
Connection Type		7-5/8" Reg	Adjusted Weight	lbs	216.70
Outside Diameter (OD)	in	9.500	Approximate Length	ft-lbs	31.6
Inside Diameter (ID)	in	3.000			
BB+SRG		Yes	Drift Size	inch	2.875
Connection Tensile Strength	lbs	2,661,800	Fluid Displacement	gal/ft	3.315
Con.Torsional Strength	ft-lbs	141,900	Fluid Capacity	gal/ft	0.367
Recom. Make-Up Torque	ft-lbs	97,500			
Bending Strength Ratio (BSR)		2.815			

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