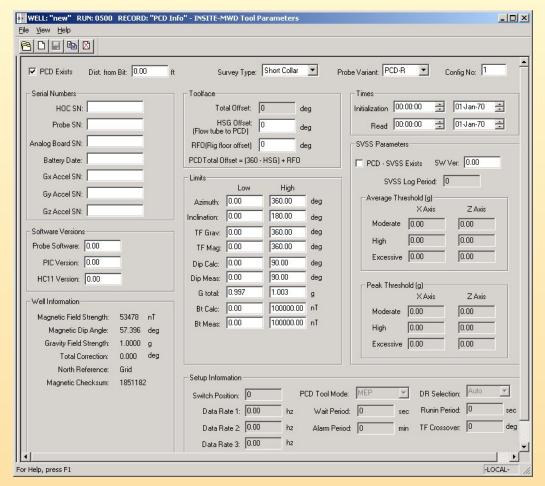
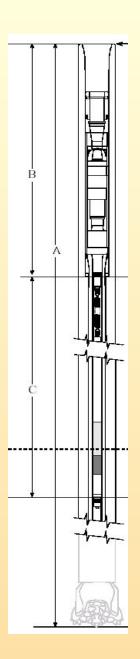
LWD 1

Sensor to Bit Calculations

Calculating and Using Sensor to Bit Distance





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Sensor Measure Point

- Used to calculate sensor to bit distance
- Surveys referenced to where measurements made, not to bit
- Gamma referenced to where measurements made, not to bit

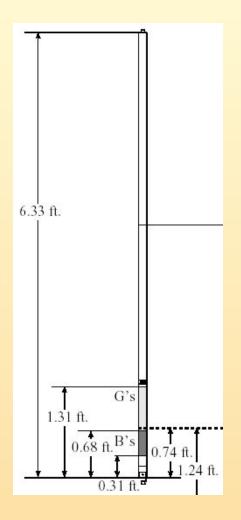
Engray Corviged Inc

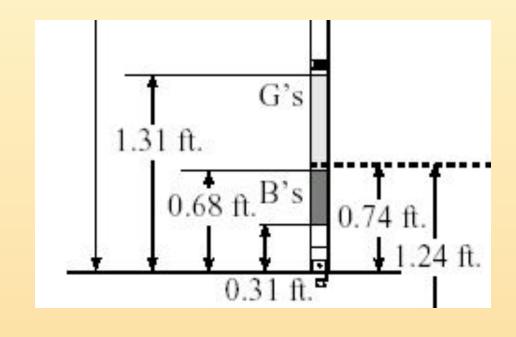
Identify Sensor and Probe Type

Engray Corviged Inc

- Directional Only
 - DEP, DEP2, PCD
- Gamma
 - PCG

Sensor Measure Point – DEP2





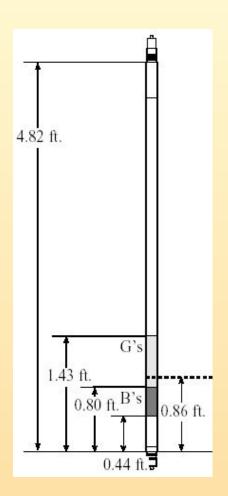
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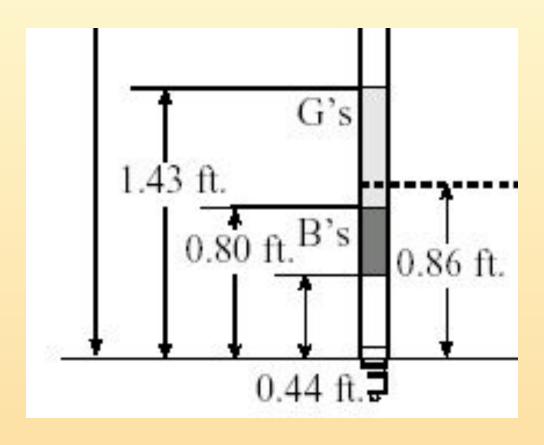
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5

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Sensor Measure Point - PCD



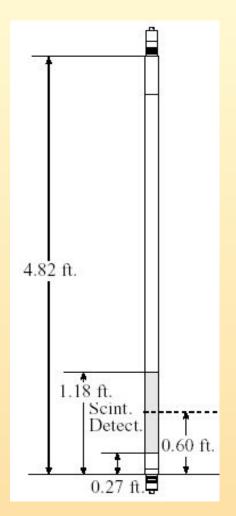


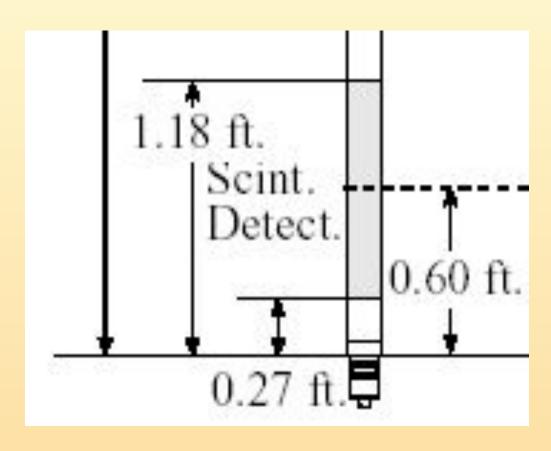
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Sensor Measure Point - PCG





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Bottom Ring to Probe Bottom Distance

 Measure the distance from the Bottom Ring Assembly to the bottom of the probe.
 (6.3')

Engray Corrigon Inc

Obtain BHA Tally

Bit 8 ½" 0.75'

Motor 6 ¾" 24.35'

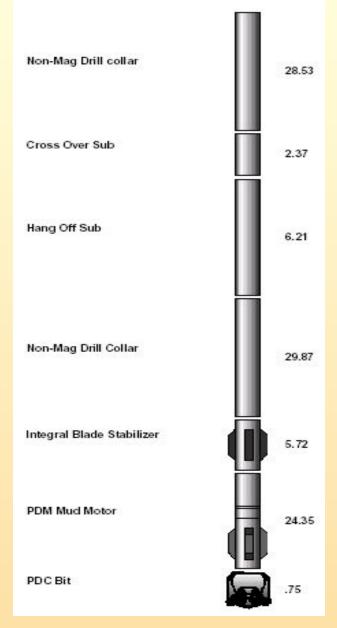
Stabilizer 6 ¾" 5.72'

NMDC 6 ¾" 29.87'

HOS 6 ¾" 6.21'

X-over sub6 ¾" 2.37'

NMCD 6 ¾" 28.53'



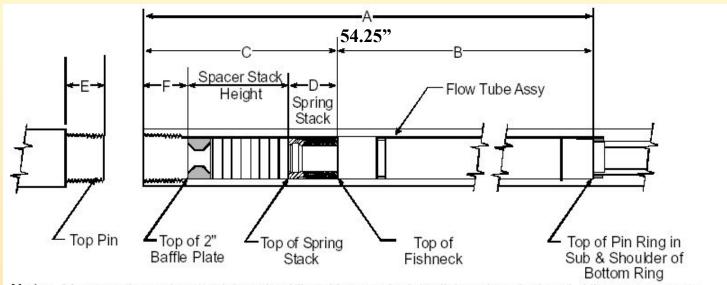
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9

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Obtain Bore Depth from Spacer Stack Calculations



Note: Measure the spring stack length while taking up slack in disk springs by hand. All measurements in inches.

	Slimhole	650 System	1200 System
			88 t
		54 25"	
A		34.23	
,	A		54.25"

March

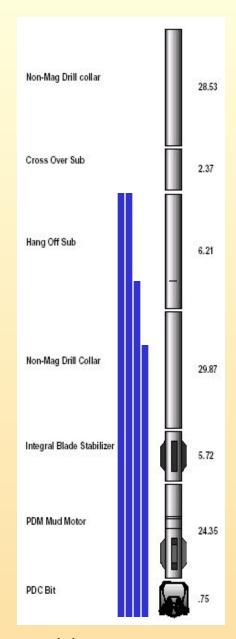
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10

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Calculations

- •Add lengths from bit to top of MWD mounting sub or collar 66.9'
- •Subtract HOS Bore Depth 62.38'
- •Subtract distance from bottom ring to bottom of probe 56.08'
- •Add sensor measure point (PCD) 56.94'

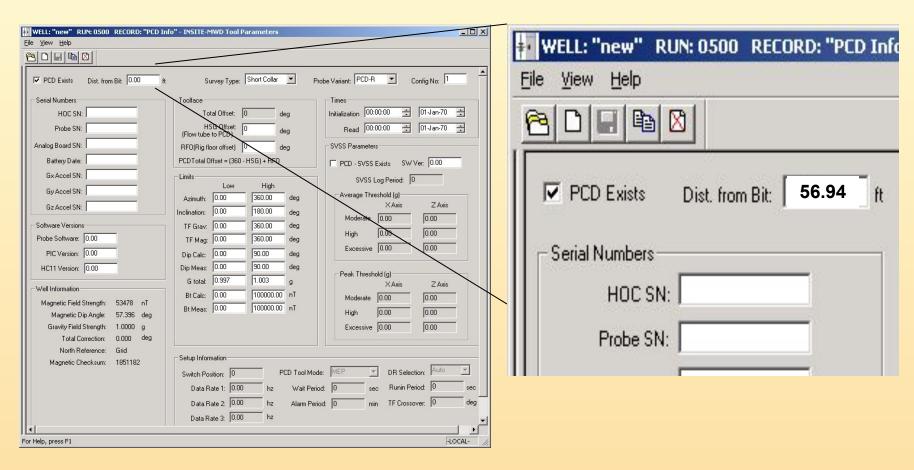


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Enter Distance in Tool Parameters



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