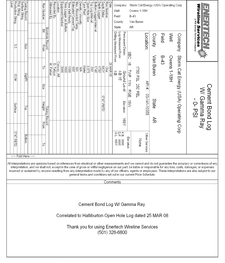

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation and we shall not be liable for any of your or your customer's decisions or actions based upon any interpretation we render. Any interpretation is also subject to our standard terms and conditions as set forth in our current Price Schedule.

Comments

Cement Bond Log W/ Gamma Ray

Correlated to Halliburton Open Hole Log dated 25 MAR 08

Thank you for using Enertech Wireline Services
(507)-328-6600

MAIN PASS -0- PSI

Database File: storm_cat_4i
Dataset Pathname: pass3
Presentation Format: cbl
Dataset Creation: Mon May 26 11:46:16 2008 by Log Well CreateWell 07301
Charted by: Depth in Feet scaled 1:240

Tool Time (usec) 200
Casing Collar +5
Gamma Ray (GAPI) 150
Line Tension (lb) 2500

Amplitude (mV) 100 000
Amplitude (mV) 10

Variable Density 1200
10

Tool Time
Line Tension
Gamma Ray
Casing Collar
Amplitude
Amplitude
Variable Density

T.D. 10,700
T.D. Driller 10,700
Shoe 2,100
T.O.C. 200
Casing Collar
Amplitude
Variable Density

Repeat Pass -0- PSI

Database File: storm_cat_4i
Dataset Pathname: pass3
Presentation Format: cbl
Dataset Creation: Mon May 26 11:50:16 2008 by Log 000 CreateWell 07301
Charted by: Depth in Feet scaled 1:240

Tool Time (usec) 200
Casing Collar +5
Gamma Ray (GAPI) 150
Line Tension (lb) 5000

Amplitude (mV) 100 000
Amplitude (mV) 10

Variable Density 1200
10

Tool Time
Line Tension
Gamma Ray
Casing Collar
Amplitude
Amplitude
Variable Density

Shoe 2,100
T.O.C. 4,700
Casing Collar
Amplitude
Variable Density

Calibration Report

Database File: storm_cat_4i
Dataset Pathname: pass3
Dataset Creation: Mon May 26 11:46:16 2008 by Log Well CreateWell 07301

Gamma Ray Calibration Report

Serial Number	07314E
Tool Model	ProbeTECgtet
Performed	Mon May 26 11:11:44 2008
Calibrator Value	1.0 GAPI
Background Reading	0.0 cps
Calibrator Reading	1.0 cps
Sensitivity	0.9000 GAPI/cps

Cement Bond Log Calibration Report

Serial Number	04CTC254
Tool Model	ProbeCTCgtet
Performed	Mon May 26 09:36:31 2008

Depth	ft		
Casing Diameter	5.5	in	
	2 Spacing	5 Spacing	
Signal Zero			mV
Calibrated Amplitude	71.521	71.521	mV
Reading at Signal Zero	0.00057700	0.00130770	V
Reading at Free Pipe	0.704200	1.596	V
Gain	80.0041	40.3731	
Offset	0.0442777	0.0442777	