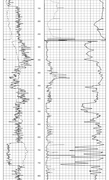
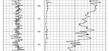
Company	TOTAL E&P CANADA LTD.
Well	HZ PARSNIP A-97-A/94-B-16
Field	PARSNIP
Province	BRITISH COLUMBIA
Country	CANADA
Surface Coordinates	1-16-94-B-W6M
Other Services	
Permanent Datum	GROUND LEVEL
Log Measured From	KB
Drilling Measured From	KB
Elevation	1128.00 m
Elevation	1128.00 m
Elevation	1128.00 m
Elevation	1128.00 m
Date	2011/12/12
Run Number	ONE
Depth Driller	3500.00 m
Depth Logger	3500.00 m
Bottom Log Interval	3500.00 m
Top Log Interval	2800.00 m
Casing Driller	2800.00 m @ 0.00 m
Casing Logger	2800.00 m
Bit Size	152.4 mm
Type Fluid in Hole	WATER BASED MUD
Density	1.00 g/cm³
Viscosity	0.00 mPa.s
Fluid Loss	0.00 mL
Source of Sample	FLOWLINE
Rm @ Measured Temp	0.000 @ 0.00 degC
Rmf @ Measured Temp	0.000 @ 0.00 degC
Rmc @ Measured Temp	0.000 @ 0.00 degC
Rm @ BHT	0.000 @ 0.00 degC
Time Since Circulation	0.00 hrs
Time Since Circulation	0.00 hrs
Max Rec Temp	0.00 degC
Equipment Location	0/0/0
Recorded By	0/0/0
Witnessed By	0/0/0

THANK YOU FOR USING HALLIBURTON ENERGY SERVICES. WE'LL TAKE YOUR ENERGY WELL.
HALLIBURTON ENERGY SERVICES, 2000 N. BRYS SCHOOL ROAD, HOUSTON, TEXAS 77032
MAIN LINE: (281) 871-4000 / (800) 521-0851 FAX: (281) 871-4008 / (281) 871-4009
CALGARY, ALBERTA, CANADA

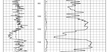
MAIN SECTION



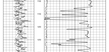
ANHYDRITE



MAIN SECTION



REPEAT SECTION



Company	TOTAL E&P CANADA LTD.
Well	HZ PARSNIP A-97-A/94-B-16
Field	PARSNIP
Province	BRITISH COLUMBIA
Country	CANADA
Date	2011/12/12

Depth Scale: 1:240

Depth Shift: 0.00 m

Depth Shift Reference: Gamma Ray

Depth Shift Reference Run: ONE

Depth Shift Reference Log: Gamma Ray

Depth Shift Reference Log Date: 2011/12/12

Depth Shift Reference Log Company: HALLIBURTON

Depth Shift Reference Log Run: ONE

Depth Shift Reference Log Interval: 2800.00 m - 3500.00 m

Depth Shift Reference Log Scale: 1:240

Depth Shift Reference Log Depth Driller: 3500.00 m

Depth Shift Reference Log Depth Logger: 3500.00 m

Depth Shift Reference Log Bottom Log Interval: 3500.00 m

Depth Shift Reference Log Top Log Interval: 2800.00 m

Depth Shift Reference Log Casing Driller: 2800.00 m @ 0.00 m

Depth Shift Reference Log Casing Logger: 2800.00 m

Depth Shift Reference Log Bit Size: 152.4 mm

Depth Shift Reference Log Type Fluid in Hole: WATER BASED MUD

Depth Shift Reference Log Density: 1.00 g/cm³

Depth Shift Reference Log Viscosity: 0.00 mPa.s

Depth Shift Reference Log Fluid Loss: 0.00 mL

Depth Shift Reference Log Source of Sample: FLOWLINE

Depth Shift Reference Log Rm @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Rmf @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Rmc @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Rm @ BHT: 0.000 @ 0.00 degC

Depth Shift Reference Log Time Since Circulation: 0.00 hrs

Depth Shift Reference Log Time Since Circulation: 0.00 hrs

Depth Shift Reference Log Max Rec Temp: 0.00 degC

Depth Shift Reference Log Equipment Location: 0/0/0

Depth Shift Reference Log Recorded By: 0/0/0

Depth Shift Reference Log Witnessed By: 0/0/0

Depth Shift Reference Log Depth Shift: 0.00 m

Depth Shift Reference Log Depth Shift Reference: Gamma Ray

Depth Shift Reference Log Depth Shift Reference Run: ONE

Depth Shift Reference Log Depth Shift Reference Log: Gamma Ray

Depth Shift Reference Log Depth Shift Reference Log Date: 2011/12/12

Depth Shift Reference Log Depth Shift Reference Log Company: HALLIBURTON

Depth Shift Reference Log Depth Shift Reference Log Run: ONE

Depth Shift Reference Log Depth Shift Reference Log Interval: 2800.00 m - 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Scale: 1:240

Depth Shift Reference Log Depth Shift Reference Log Depth Driller: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Logger: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Bottom Log Interval: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Top Log Interval: 2800.00 m

Depth Shift Reference Log Depth Shift Reference Log Casing Driller: 2800.00 m @ 0.00 m

Depth Shift Reference Log Depth Shift Reference Log Casing Logger: 2800.00 m

Depth Shift Reference Log Depth Shift Reference Log Bit Size: 152.4 mm

Depth Shift Reference Log Depth Shift Reference Log Type Fluid in Hole: WATER BASED MUD

Depth Shift Reference Log Depth Shift Reference Log Density: 1.00 g/cm³

Depth Shift Reference Log Depth Shift Reference Log Viscosity: 0.00 mPa.s

Depth Shift Reference Log Depth Shift Reference Log Fluid Loss: 0.00 mL

Depth Shift Reference Log Depth Shift Reference Log Source of Sample: FLOWLINE

Depth Shift Reference Log Depth Shift Reference Log Rm @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Rmf @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Rmc @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Rm @ BHT: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Time Since Circulation: 0.00 hrs

Depth Shift Reference Log Depth Shift Reference Log Time Since Circulation: 0.00 hrs

Depth Shift Reference Log Depth Shift Reference Log Max Rec Temp: 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Equipment Location: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Recorded By: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Witnessed By: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift: 0.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference: Gamma Ray

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Run: ONE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log: Gamma Ray

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Date: 2011/12/12

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Company: HALLIBURTON

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Run: ONE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Interval: 2800.00 m - 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Scale: 1:240

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Driller: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Logger: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Bottom Log Interval: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Top Log Interval: 2800.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Casing Driller: 2800.00 m @ 0.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Casing Logger: 2800.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Bit Size: 152.4 mm

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Type Fluid in Hole: WATER BASED MUD

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Density: 1.00 g/cm³

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Viscosity: 0.00 mPa.s

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Fluid Loss: 0.00 mL

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Source of Sample: FLOWLINE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rm @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rmf @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rmc @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rm @ BHT: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Time Since Circulation: 0.00 hrs

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Time Since Circulation: 0.00 hrs

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Max Rec Temp: 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Equipment Location: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Recorded By: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Witnessed By: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift: 0.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference: Gamma Ray

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Run: ONE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log: Gamma Ray

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Date: 2011/12/12

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Company: HALLIBURTON

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Run: ONE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Interval: 2800.00 m - 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Scale: 1:240

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Driller: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Logger: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Bottom Log Interval: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Top Log Interval: 2800.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Casing Driller: 2800.00 m @ 0.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Casing Logger: 2800.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Bit Size: 152.4 mm

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Type Fluid in Hole: WATER BASED MUD

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Density: 1.00 g/cm³

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Viscosity: 0.00 mPa.s

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Fluid Loss: 0.00 mL

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Source of Sample: FLOWLINE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rm @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rmf @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rmc @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rm @ BHT: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Time Since Circulation: 0.00 hrs

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Time Since Circulation: 0.00 hrs

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Max Rec Temp: 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Equipment Location: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Recorded By: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Witnessed By: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift: 0.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference: Gamma Ray

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Run: ONE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log: Gamma Ray

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Date: 2011/12/12

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Company: HALLIBURTON

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Run: ONE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Interval: 2800.00 m - 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Scale: 1:240

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Driller: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Logger: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Bottom Log Interval: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Top Log Interval: 2800.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Casing Driller: 2800.00 m @ 0.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Casing Logger: 2800.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Bit Size: 152.4 mm

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Type Fluid in Hole: WATER BASED MUD

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Density: 1.00 g/cm³

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Viscosity: 0.00 mPa.s

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Fluid Loss: 0.00 mL

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Source of Sample: FLOWLINE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rm @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rmf @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rmc @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rm @ BHT: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Time Since Circulation: 0.00 hrs

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Time Since Circulation: 0.00 hrs

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Max Rec Temp: 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Equipment Location: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Recorded By: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Witnessed By: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift: 0.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference: Gamma Ray

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Run: ONE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log: Gamma Ray

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Date: 2011/12/12

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Company: HALLIBURTON

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Run: ONE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Interval: 2800.00 m - 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Scale: 1:240

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Driller: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Logger: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Bottom Log Interval: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Top Log Interval: 2800.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Casing Driller: 2800.00 m @ 0.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Casing Logger: 2800.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Bit Size: 152.4 mm

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Type Fluid in Hole: WATER BASED MUD

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Density: 1.00 g/cm³

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Viscosity: 0.00 mPa.s

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Fluid Loss: 0.00 mL

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Source of Sample: FLOWLINE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rm @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rmf @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rmc @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rm @ BHT: 0.000 @ 0.00 degC

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Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Max Rec Temp: 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Equipment Location: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Recorded By: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Witnessed By: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift: 0.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference: Gamma Ray

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Run: ONE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log: Gamma Ray

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Date: 2011/12/12

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Company: HALLIBURTON

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Run: ONE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Interval: 2800.00 m - 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Scale: 1:240

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Driller: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Logger: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Bottom Log Interval: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Top Log Interval: 2800.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Casing Driller: 2800.00 m @ 0.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Casing Logger: 2800.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Bit Size: 152.4 mm

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Type Fluid in Hole: WATER BASED MUD

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Density: 1.00 g/cm³

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Viscosity: 0.00 mPa.s

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Fluid Loss: 0.00 mL

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Source of Sample: FLOWLINE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rm @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rmf @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rmc @ Measured Temp: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Rm @ BHT: 0.000 @ 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Time Since Circulation: 0.00 hrs

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Time Since Circulation: 0.00 hrs

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Max Rec Temp: 0.00 degC

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Equipment Location: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Recorded By: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Witnessed By: 0/0/0

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift: 0.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference: Gamma Ray

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Run: ONE

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Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Run: ONE

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Interval: 2800.00 m - 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Scale: 1:240

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Driller: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Logger: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Bottom Log Interval: 3500.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Top Log Interval: 2800.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Casing Driller: 2800.00 m @ 0.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Casing Logger: 2800.00 m

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Bit Size: 152.4 mm

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Type Fluid in Hole: WATER BASED MUD

Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Depth Shift Reference Log Density: 1.00 g/cm³

Depth Shift Reference Log Depth Shift Reference

Window 3 0.00 cps

Lithodensity Caliper Calibration Performed: Wed Feb 11 18:53:41 2015

Results Readings		References (in)			
Low	High	Low	High	Gain	Offset
1107.5	7124.1	8.0	15.0	0.0	6.3

Before Survey Caliper Verification Performed:

	Reference	Reading
Caliper (in)		

After Survey Caliper Verification Performed:

	Reference	Reading
Caliper (in)		

Compensated Neutron Calibration Report

Serial Number: 080621PMC
Tool Model: NABORS

PRE-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

POST-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

Gamma Ray Calibration Report

Serial Number:	070558	
Tool Model:	Probe1	
Performed:	Tue Jul 25 12:16:33 2017	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.4000	GAPI/cps