Country: WELLSPRING
Well: 15/9-F-1 AH
API / UWI#:
Field: Sleipner
Location: Sec 9 Twp 15N Rge 9W
Permanent Datum: Mean Sea Level
Elevation: 0 ft above Perm. Datum
Log Measured From: Kelly Bushing
Drilling Measured From: Kelly Bushing
Elevation: KB 0 ft
DF 0 ft
GL 0 ft
Date: 08-Oct-2009
Run Number: ONE
Depth Driller: 4,000 ft
Depth Logger: 4,000 ft
Bottom Logged Interval: 4,000 ft
Top Logged Interval: 3,000 ft
Casing Driller: 9.625 in @ 3,000 ft
Casing Logger: 3,000 ft
Bit Size: 8.5 in
Type Fluid in Hole: WBM
Density: 1.03 g/cm3
Viscosity: 0.0 cP
PH: 0.0
Fluid Loss: 0.0 cc
Source of Sample: Flowline
Rm @ Measured Temp: 0.0 ohmm @ 0 degF
Rmf @ Measured Temp: 0.0 ohmm @ 0 degF
Rmc @ Measured Temp: 0.0 ohmm @ 0 degF
Source of Rmf / Rmc: Measured / Measured
Rm @ BHT: 0.0 ohmm @ 0 degF
Time Since Circulation: 0.0 hr
Time on Bottom: 08-Oct-2009 00:00
Max Recorded Temperature: 0 degF
Equipment / Base: 0
Recorded By: Schlumberger
Witnessed By: Schlumberger

Cased Hole Services

Schlumberger
CASED HOLE GEOLOGY

* Indicates Log Run

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Contents

THANK YOU FOR USING CASEDHOLE SOLUTIONS

AIR HOSE/LV PRESENT FROM 100' TO SURFACE

Section	Offset (ft)	Schematic	Description	Length (ft)	OD (in)	ID (in)
			Cable Head	0.13	2.30	0.00
	48.873	12.50	CW - Probe (FW1606-008)	8.69	1.69	41.00
	60.876	11.50	1 1/16			
			Cable Head	0.15	2.30	0.00
	0.01	4.00				
	0.00	0.07	GR-CCL-CAP (FW1606-009) 1 1/16	5.21	1.69	

Weight: 70 lbs
Total Length: 27.57 ft
Max OD: 2.3 in

Schlumberger 09-20-34-38 "Mathematical Analysis"

Database File: schlumber 09-20-34-38
Processed Using: mcfit
Processed Date: 08-Oct-2009 00:00:00
Charted Depth: 1in:100ft 1in:20ft 1:240
Charted Pressure: 1in:1000psi 1in:200psi 1:6000

Amplitude/Amplitude (uncl) VDL/WF
Amplitude (uncl) VDL

Variable Density

0	1000	2000	3000	4000
0	1000	2000	3000	4000

Calibration Report

Database File: schlumber 09-20-34-38
Database Created: 11 Jan 10 07:59:48 EST by Log 5.7.0.0

Calibration Report

Logging Company: Schlumberger
Logging Engineer: Tim Dale
Logging Date: 08-Oct-2009
Logging Time: 17:00:00 +7:00:00 AM

SHOP CALIBRATION — Tim Dale 07:15:00 08-10-09

	Gain	Offset	Units
Manufacturer's Calibration	0.0		Counts
	0.0		API
	0.7500		Inch/Usec

PRIMARY VERIFICATION

Manufacturer's Calibration	0.0		Volts
	0.0		API

BEFORE SURFACE VERIFICATION

Manufacturer's Calibration	0.0		Volts
	0.0		API

AFTER SURFACE VERIFICATION

Manufacturer's Calibration	0.0		Volts
	0.0		API

Comment Record (up) Calibration Report

Serial Number	FSR-0045-000
Date	08-Oct-09
Time	17:15:38 07:15:38 PM
Max Hole Deviation	0
Balance Point	0
Main Down Log Interval	0 ft
Main Up Log Interval	0 ft
Tension While Logging Main Pass	0 lbf
Tension While Logging Repeat Pass	0 lbf
Weight Indicator Reading	0 lbf
Comments	Standard Services