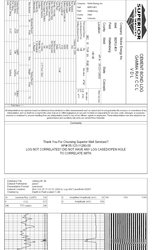

PRESENCE OF OIL, GAS OR WATER MAY MODIFY WELL BEHAVIOR. WELL CONDITIONS AND MATERIALS USED IN COMPLETION MAY AFFECT LOG QUALITY. SCHLUMBERGER CANNOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION, AND WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSE INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS SET OUT IN OUR CURRENT PRICE SCHEDULE.

COMMENTS

Thank You For Choosing Superior Well Services!
Cement Top Estimated @ 6,000'
LOG NOT CORRELATED DUE NOT KNOW WHY CASEDOTEN HOLE
TD CORRELATE WITH

Calibration Report
Bill Barrett Corp
Cedar Rim 16-1
API / UWI: 05-123-23636 Long: NAD Location: NAD

Survey Type: Cement Bond Log
Survey Date: 10-Jun-11
Conveyed By: Tractor
Calibration Date: 10-Jun-11
Calibrated By: Jeff Hall
Measure From: Rotary Table
Feet Above Permanent Datum: 5,000 ft
Elevation: GL

Calibration Fluid Information: Water
Fluid Density: 8.4 lb/gal
Fluid Level: Full

Master Calibration performed from 09:37:19 10-10-2009

Pass 1a

Gain	Cal	Gain	Cal	Gain	Cal
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	0.102	5.0	0.102

Pass 1b

Gain	Cal	Gain	Cal	Gain	Cal
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	0.102	5.0	0.102

Pass 2a

Gain	Cal	Gain	Cal	Gain	Cal
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	0.102	5.0	0.102

Pass 2b

Gain	Cal	Gain	Cal	Gain	Cal
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	0.102	5.0	0.102

Internal Reference Calibration performed from 07:17:19 10-10-2009

CBL/VDL/GR/CCL

Pass 1a

Gain	Cal	Gain	Cal	Gain	Cal
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	0.102	5.0	0.102

Pass 1b

Gain	Cal	Gain	Cal	Gain	Cal
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	0.102	5.0	0.102

Pass 2a

Gain	Cal	Gain	Cal	Gain	Cal
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	0.102	5.0	0.102

Pass 2b

Gain	Cal	Gain	Cal	Gain	Cal
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	0.102	5.0	0.102

Tension	Time (s)	Schematic	Description	Length (ft)	OD (in)	Wt (lb)
			Cable Head Weight Bar (Cable Head Weight)	1.00	1.75	10.00
0 lb	44.00		1 7/8 Inch Centralizer (1 7/8 Inch Centralizer)	3.00	2.75	10.00
			2 Inch OD Short Joint (2 Inch Short Joint) (Mfg Serial Number: 2 Inch OD)	4.75	2.75	15.00
10 of 5,977 lb	11.20		1 7/8 Inch OD Short Joint (1 7/8 Inch Short Joint) (Mfg Serial Number: 1 7/8 Inch OD)	4.75	2.75	15.00
10 of 5,972 lb	11.20		2 Inch OD Short Joint (2 Inch Short Joint) (Mfg Serial Number: 2 Inch OD)	4.75	2.75	15.00
100 lb	0.00		Jeff Hall OD: 2.500 Jeff Hall (Mfg Serial Number: Jeff Hall)	3.67	2.75	35.00

Cable Head Type: Rope Socket
Top Connection: 7/16-8
Bottom Connection: 7/16-8

Calibration Fluid Information: Water
Fluid Density: 8.4 lb/gal
Fluid Level: Full

Calibration Report
Bill Barrett Corp
Cedar Rim 16-1
API / UWI: 05-123-23636 Long: NAD Location: NAD

Survey Type: Cement Bond Log
Survey Date: 10-Jun-11
Conveyed By: Tractor
Calibration Date: 10-Jun-11
Calibrated By: Jeff Hall
Measure From: Rotary Table
Feet Above Permanent Datum: 5,000 ft
Elevation: GL

Calibration Fluid Information: Water
Fluid Density: 8.4 lb/gal
Fluid Level: Full

Master Calibration performed from 09:37:19 10-10-2009

Pass 1a

Gain	Cal	Gain	Cal	Gain	Cal
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	0.102	5.0	0.102

Pass 1b

Gain	Cal	Gain	Cal	Gain	Cal
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	0.102	5.0	0.102

Pass 2a

Gain	Cal	Gain	Cal	Gain	Cal
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	0.102	5.0	0.102

Pass 2b

Gain	Cal	Gain	Cal	Gain	Cal
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	1.000	5.0	1.000
1.0	1.000	2.0	0.102	5.0	0.102