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Radial Cement Bond Log With VDL / CCL/ GR / TEMP And Cement Map

Company	Biill Barrett Corporation
Well	State Of Colorado 1S-66-36-0108CH
Field	Third Creek
County	Adams
State	Colorado

Company Biill Barrett Corporation
Well State Of Colorado 1S-66-36-0108CH
Field Third Creek
County Adams State Colorado

Location: API # : 05-001-09782
1268' FNL & 299' FWL
SEC 36 TWP 1S RGE 66W

Other Services: None

Permanent Datum: Ground Level Elevation 5180'
Log Measured From: Kelly Bushing
Drilling Measured From: KB = 23'

Elevation: K.B. 5203' D.F. 5202' G.L. 5180'

Date	7 MAY 2014
Run Number	One
Depth Driller	12195'
Depth Logger	7141'
Bottom Logged Interval	7140'
Top Log Interval	Surface
Open Hole Size	24"
Type Fluid	Water
Density / Viscosity	~8.34 #/Gal
Max. Recorded Temp.	232.3DegF
Estimated Cement Top	See Log
Time Well Ready	08:00
Time Logger on Bottom	09:30
Equipment Number	P-59
Location	Fort Morgan
Recorded By	L. Mavros
Witnessed By	B. Kellsch

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.625"	36	Surface	1490'
Prot. String				
Production String	7"	26	Surface	7900'
Liner	4.5"	11.6	7400'	12195'

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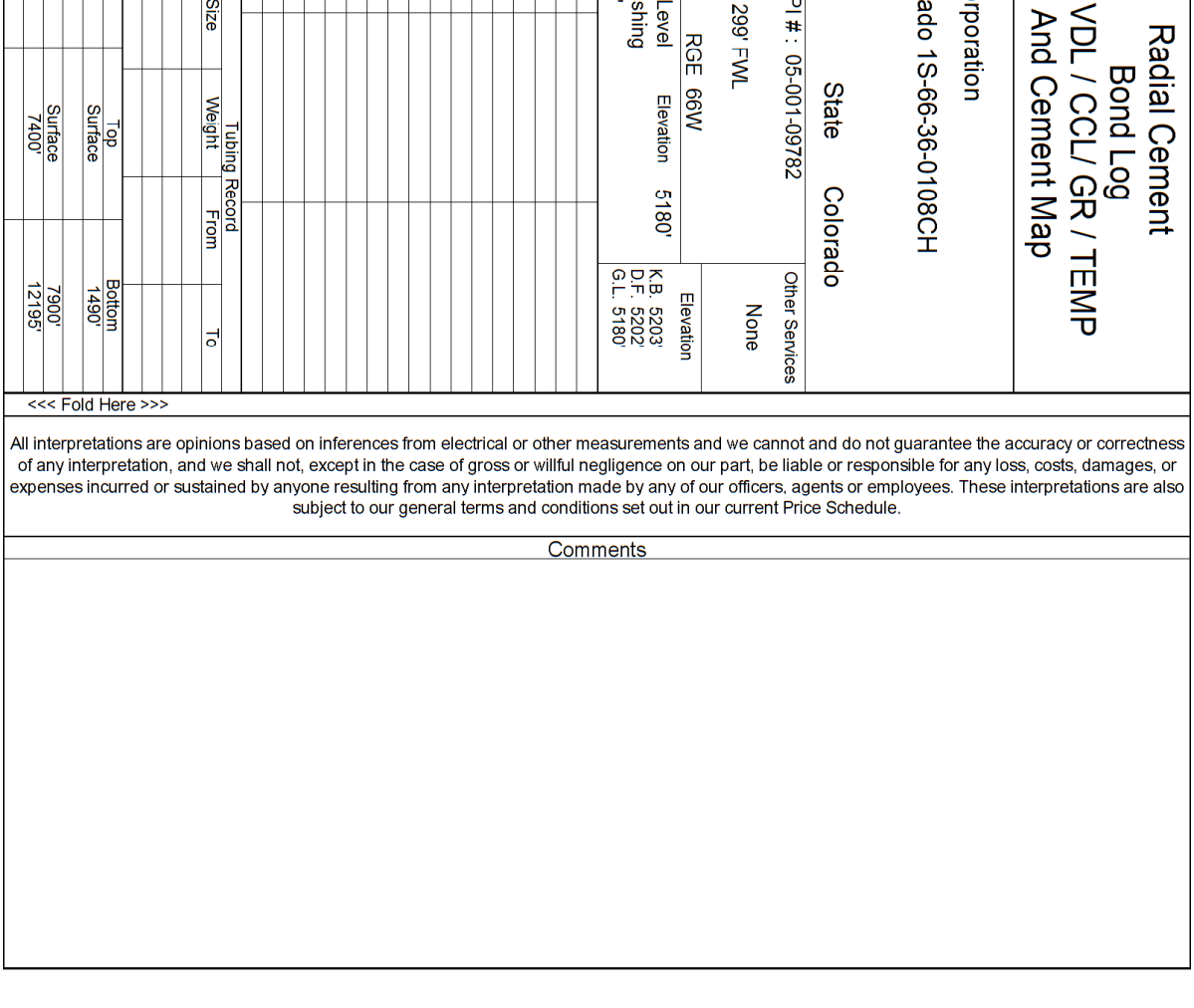
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses 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



Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		PTS275	2.83	2.75	
WVF3FT WVFCAL WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 WVF5FT	12.96 12.96 12.96 12.96 12.96 12.96 12.96 12.96 12.96 12.96 11.88	RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
		PTS275	2.83	2.75	
CCL GR	4.88 3.55	GR_CCL-Probe (111211) Probe Gamma CCL	4.54	2.75	100.00
TEMP	0.08	TEMP-1.375TEMP (0001) Temperature Tool	1.25	1.38	30.00

Dataset: bill_barrett_1s-66-36-0108ch.db: field/well/run1/pass5
Total Length: 20.38 ft
Total Weight: 220.00 lb
O.D. 2.75 in

Calibration Report

Database File: bill_barrett_1s-66-36-0108ch.db
Dataset Pathname: pass5
Dataset Creation: Wed May 07 09:34:13 2014 by Log 7.0 B1

Temperature Calibration Report

Serial Number: 0001
Tool Model: 1.375TEMP
Performed: Tue May 06 14:01:15 2014

	Reference	Reading
Low Reference:	32.00 degF	320.00 cps
High Reference:	500.00 degF	5000.00cps

Gain: 0.11
Offset: 0.00
Delta Spacing 2

Gamma Ray Calibration Report

Serial Number: 111211
Tool Model: Probe
Performed: Fri Nov 08 12:58:35 2013

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: Base
Tool Model: Probe

Calibration Casing Diameter: 7.000 in
Calibration Depth: 433.950 ft

Master Calibration, performed Wed May 07 08:59:10 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.008	1.454	2.000	62.165	41.612	1.677
CAL	0.739	0.415				
5'	0.007	0.797	2.000	62.165	76.184	1.478
SUM						
S1	0.007	1.562	0.000	95.000	61.107	-0.447
S2	0.005	1.556	0.000	95.000	61.248	-0.296
S3	0.008	1.484	0.000	95.000	64.348	-0.496
S4	0.006	1.399	0.000	95.000	68.193	-0.420
S5	0.008	1.345	0.000	95.000	71.066	-0.603
S6	0.008	1.344	0.000	95.000	71.079	-0.554
S7	0.007	1.426	0.000	95.000	66.945	-0.454
S8	0.007	1.548	0.000	95.000	61.642	-0.440

Internal Reference Calibration, performed Wed Aug 21 11:08:58 2013:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.739	0.415	1.000	0.000

Air Zero Calibration, performed Wed May 07 08:53:47 2014:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

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Main Log Pass

5" = 100'

Database File: bill_barrett_1s-66-36-0108ch.db
Dataset Pathname: pass5
Presentation Format: scbl02
Dataset Creation: Wed May 07 09:34:13 2014 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

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Field Third Creek
County Adams
State Colorado