PIONEER
Pioneer Energy Services

V.D.L. C.C.L. GAMMA RAY CEMENT BOND LOG

Company	CARRIZZO
Well	HEMBERGER 2-26HZ
Field	
County	
State	COLORADO
Country	USA

Location: API # :

SEC TWP RGE

Other Services

Permanent Datum	GL	Elevation	K.B.
Log Measured From	GL		D.F.
Drilling Measured From	KB		G.L.

Date	NOVEMBER 10, 2012
Run Number	ONE
Depth Driller	---
Depth Logger	5992'
Bottom Logged Interval	5980'
Top Log Interval	40'
Open Hole Size	
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	
Estimated Cement Top	NA
Time Well Ready	NA
Time Logger on Bottom	NA
Equipment Number	ONE
Location	FORT MORGAN
Recorded By	RANDY AZEVEDO
Witnessed By	KIRK WILLIAMS

Borehole Record

Run Number	Bit	From	To

Tubing Record

Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String				
Liner				

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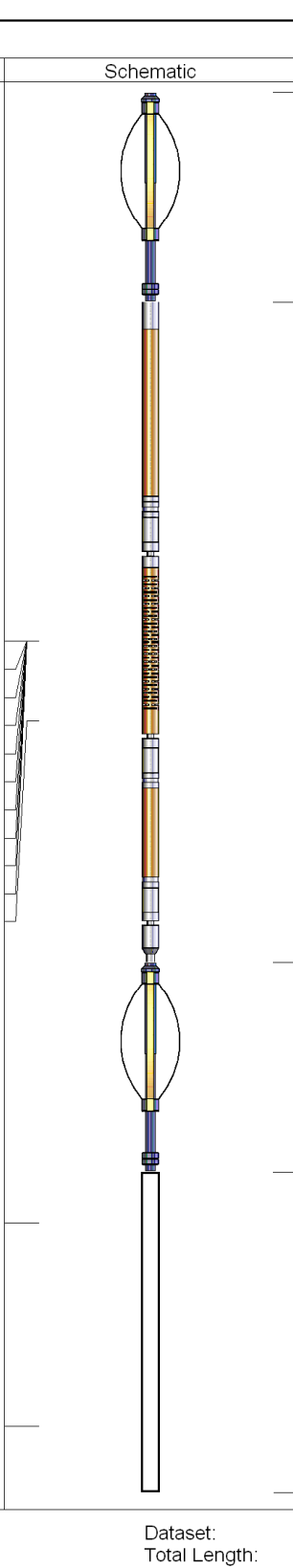
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

Comments

THANK YOU FOR USING PIONEER ENERGY SERVIVES
SO # 2-203320

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			PTS275	2.83	2.75	
WVF3FT WVFCAL WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 WVF5FT	11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 10.42		RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
			PTS275	2.83	2.75	
CCL	3.64					
			GR-Probe (275) Probe 2.75" 4 Channel Pulse	4.33	2.75	30.00
GR	0.90					

Dataset:	carrizo cbl.db: field/well/run1/pass2
Total Length:	18.92 ft
Total Weight:	120.00 lb
O.D.	2.75 in

Database File:	carrizo cbl.db
Dataset Pathname:	pass2
Presentation Format:	cbl_drs
Dataset Creation:	Sat Nov 10 17:40:35 2012 by Log SCH 110722
Charted by:	Depth in Feet scaled 1:240

3650
3700
3750
3800
3850
3900
3950
4000
4050
4100
4150
4200
4250
4300
4350
4400
4450
4500
4550
4600
4650
4700
4750
4800
4850
4900
4950
5000
5050
5100
5150
5200
5250
5300
5350
5400
5450
5500
5550
5600
5650
5700
5750
5800
5850
5900
5950
Liner top
Casing Collar Locator
Gamma Ray
AMP AMPLITUDE
VDL
9 Collar Locator -1
0 Gamma Ray (GAPI) 200
0 AMP AMPLITUDE (mV) 10
0 AMPLITUDE (mV) 100
200 VDL 1200