VDL CCL GAMMA-RAY RADIAL BOND LOG

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Pioneer Energy Services

Company	ANADARKO PETROLEUM
Well	GITTLEIN 29N-28HZ
Field	WATTENBERG
County	WELD
State	COLORADO

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Location:
API # : 05123362180000
191' FSL & 2062' FWL
SEC 33 TWP 2N RGE 65W

Other Services

Permanent Datum	GL	Elevation 4911'	Elevation K.B. 4936' D.F. 4935' G.L. 4911'
Log Measured From	KB		
Drilling Measured From	KB		

Date	12/9/13
Run Number	THREE
Depth Driller	14164'
Depth Logger	7068'
Bottom Logged Interval	7068'
Top Log Interval	SURFACE
Open Hole Size	8.75"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	223 deg. f
Estimated Cement Top	630'
Time Well Ready	1415
Time Logger on Bottom	1600
Equipment Number	53
Location	FT MORGAN
Recorded By	TODD YOUNG
Witnessed By	CHRIS HAYES

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9 5/8"	36#	SURFACE	1326'
Prot. String	7"	26#	SURFACE	7490'
Production String	4.5"	11.6#	6361'	14154'
Liner				

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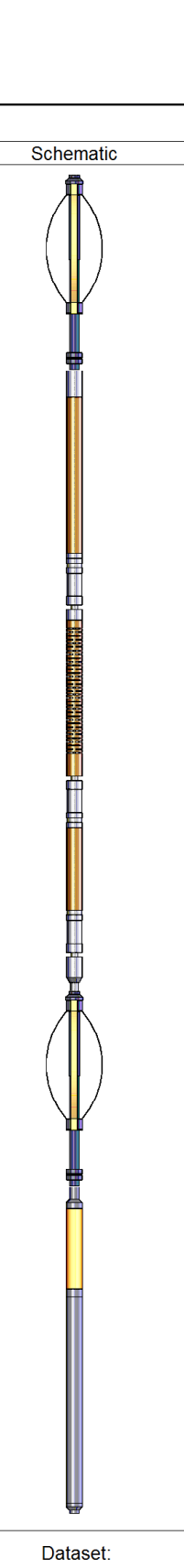
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

SO # 2-204895



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	11.86 11.86 11.86 11.86 11.86 11.86 11.86 11.86 11.86 11.86 10.78	RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
		PTS275	2.83	2.75	
CCL TEMP GR	3.84 3.14 2.30	GCT-GRCCLTEMP (130608) Probe GCT	4.69	2.75	100.00

Dataset:	gittlein29n-28hz.db: field/well/run3/pass1
Total Length:	19.27 ft
Total Weight:	190.00 lb
O.D.	2.75 in

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MAIN PASS 2800 PSI

Database File:	gittlein29n-28hz.db
Dataset Pathname:	run3/pass1
Presentation Format:	scbl02
Dataset Creation:	Mon Dec 09 13:57:53 2013 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

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