RADIAL CEMENT BOND LOG WITH GAMMA RAY/CCL/VDL AND CEMENT MAP

PIONEER
Pioneer Energy Services

Company	EXTRACTION
Well	HINER 36NB-21W
Field	WATTENBERG
County	WELD
State	CO

Company EXTRACTION
Well HINER 36NB-21W
Field WATTENBERG
County WELD State CO

Location: API #: 05-123-37039
SEC 36 TWP 6N RGE 66

Other Services

Permanent Datum GROUND LEVEL Elevation
Log Measured From KELLBY BUSHING
Drilling Measured From KB=24'

Elevation
K.B.
D.F.
G.L.

Date	10 SEP 14
Run Number	ONE
Depth Driller	NA
Depth Logger	6554'
Bottom Logged Interval	6544'
Top Log Interval	600
Open Hole Size	NA
Type Fluid	WATER
Density / Viscosity	8.33
Max. Recorded Temp.	NA
Estimated Cement Top	600'
Time Well Ready	13:00
Time Logger on Bottom	13:30
Equipment Number	1
Location	FORT MORGAN
Recorded By	A BELGUM
Witnessed By	C QUEZADA

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

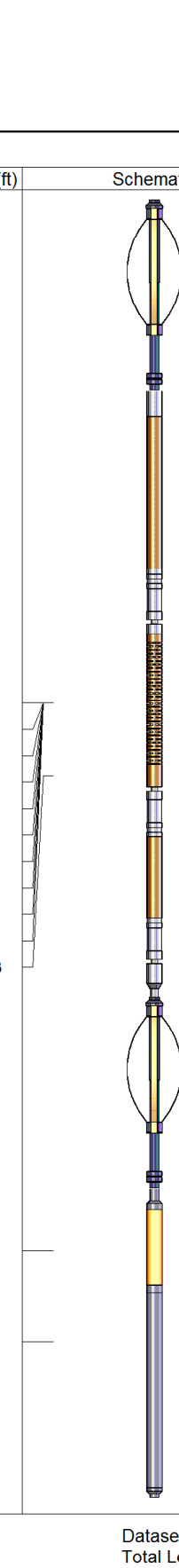
Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String				
Liner				

<<< Fold Here >>>

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

THANK YOU FOR USING PIONEER ENERGY SERVICES

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	11.71 11.71 11.71 11.71 11.71 11.71 11.71 11.71 11.71 11.71 10.63		RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
			PTS275	2.83	2.75	
CCL GR	3.63 2.30		GR_CCL-Probe (111211) Probe Gamma CCL	4.54	2.75	100.00

Dataset: hiner_36nb-21w.db: field/well/run2/pass2
Total Length: 19.13 ft
Total Weight: 190.00 lb
O.D. 2.75 in

PIONEER
Pioneer Energy Services

MAIN LOG

ZEROPSI APPLIED AT SURFACE

Database File:	hiner_36nb-21w.db
Dataset Pathname:	run2/pass2
Presentation Format:	scbl02
Dataset Creation:	Wed Sep 10 16:40:29 2014 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

PIONEER

Pioneer Energy Services

Company	EXTRACTION
Well	HINER 36NB-21W
Field	WATTENBERG
County	WELD
State	CO