J-W WIRELINE COMPANY

GAMMA RAY CCL CEMENT BOND VDL SECTOR MAP

Company CARRIZO OIL & GAS INC
Well HEMBERGER 3-25-8-60
Field
County WELD
State COLORADO

Company CARRIZO OIL & GAS INC
Well HEMBERGER 3-25-8-60
Field
County WELD State COLORADO
Location: API #: 05-123-39443
Other Services
SEC 25 TWP 8N RGE 60W
Permanent Datum GL Elevation 4903
Log Measured From
Drilling Measured From
Elevation K.B. D.F. G.L. 4903

Date	29-JULY-2014
Run Number	ONE
Depth Driller	---
Depth Logger	6100
Bottom Logged Interval	6100
Top Log Interval	SURFACE
Open Hole Size	---
Type Fluid	WATER
Density / Viscosity	---
Max. Recorded Temp.	---
Estimated Cement Top	310
Time Well Ready	---
Time Logger on Bottom	---
Equipment Number	2829
Location	STERLING, CO
Recorded By	BRIAN HECHT
Witnessed By	KIRK WILLIAMS

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	7.0			
Prot. String				
Production String	4.5			
Liner				

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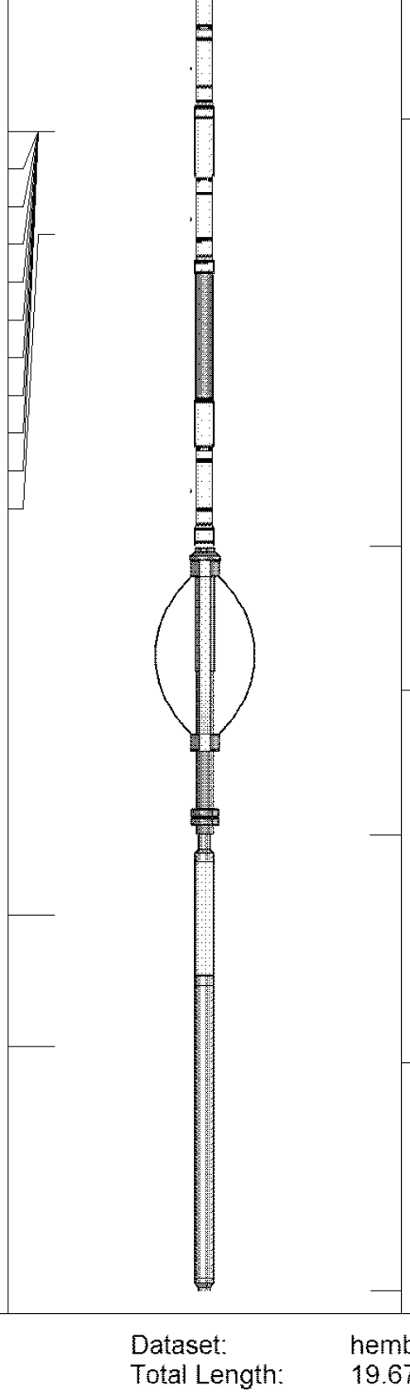
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

LOGGED UNDER 1000 PSI

Database File: hemberger 3-25-8-60.db
Dataset Pathname: pass3
Presentation Format: scbl02
Dataset Creation: Tue Jul 29 14:26:34 2014 by Log Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CENT-Probe (Probe1) PROBE 2.75 CENT	3.00	2.75	25.00
WVF3FT WVFCAL WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 WVF5FT	12.08 12.08 12.08 12.08 12.08 12.08 12.08 12.08 12.08 12.08 11.00		RBT-Probe (4.5040904) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
			CENT-Probe (Probe2) PROBE 2.75 CENT	3.00	2.75	25.00
CCL GR	3.92 2.54		GR-Probe275dig (pr051112) Probe Digital Gamma CCL	4.75	2.75	57.00

Dataset: hemberger 3-25-8-60.db: field/well/run1/pass3
Total Length: 19.67 ft
Total Weight: 197.00 lb
O.D. 2.75 in