Company	Layne Energy Operating LLC
Well	Kuster # 3-22
Field	Cherokee Basin Coal
County	Montgomery
Location	API#: 15-125-31847-0000 SW NE SE SW Sec 22 T 31 S R 16 E Elev: GL 0 KB 0 Lat: 37.32000 Long: -95.72000
State	Kansas
Date	Mon Nov 14 2011
Time	14:24:40
Service	Log Open-Cased 09/KCR
Depth	Depth of Fluid Loaded 0' (AB)
Comments	

Gage Rev
GO1W
Cased Bond
Log

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 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 standard terms and conditions set forth in our current price schedule.

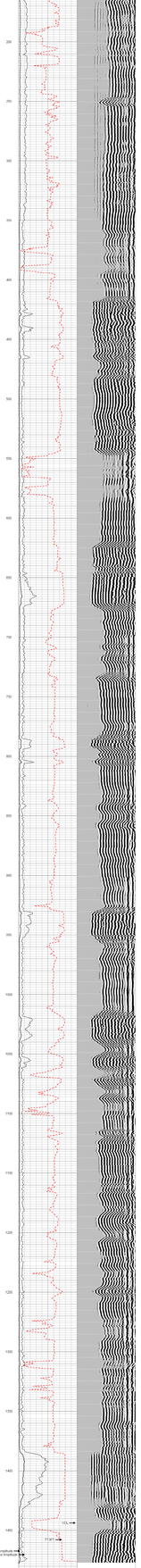
Comments

File #O9W-1577dd
Thank You for using Gage Wireline!

Gr/Ccl/Vdl

Database File	ow4-1577dd layne foster 3-22.db
Dataset Pathname	open-1
Presentation Format	Gr-Ccl-Vdl
Dataset Creation	Mon Nov 14 14:24:40 2011 by Log Open-Cased 09/KCR
Charted by	Depth in Feet scaled 1:240

	Collar Locator	8.75		Amplitude (mv)	100,000	VDL	Free
0	Gamma Ray (CAPI)	150	200	TT(µ*f / usec)	200		
100	GR (CAPI)	300					
300	GR (CAPI)	450					



	Collar Locator	8.75		Amplitude (mv)	100,000	VDL	Free
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Gr/Ccl/Vdl

Service	Real (ft)	Schematic	Description	Left (ft)	OD (in)	Wt (lb)
			STNDRD Standard Cable Head	1.00	1.69	10.00
			Probe Probe 1 11/16 Centralizer	3.17	1.69	20.00
			RBT-Probe (STDRD) Radial Bond Tool with Digital Telemetry	8.75	2.75	90.00
			Probe Probe 1 11/16 Centralizer	3.17	1.69	20.00
			GR_CCL_PRBSTTSNGLEPRI (0000101) GR GR(CL) SINGLE PRI	8.54	2.75	57.00
0WOFDFT	11.00					
0WOFDFT	11.00					
1WOFB1	11.00					
2WOFB2	11.00					
3WOFB3	11.00					
4WOFB4	11.00					
5WOFB5	11.00					
6WOFB6	11.00					
7WOFB7	11.00					
8WOFB8	11.00					
9WOFBFT	10.00					
CCL	8.91					
GR	0.00					

Dataset
Total Length: 23.33 ft
Total Weight: 187.00 lb
Max OD: 2.75 in

ow4-1577dd layne foster 3-22.db: field\field\run1\pass1