



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-017-20914-00-00

Company Kremeier Production & Operating

Well Miller #1

Field Koegeboehn

County Chase State Kansas

Location E2 SW SE NE
2310' FNL / 830' FEL

Sec: 20 Twp: 19S Rge: 6E

Permanent Datum Ground Level Elevation 1453
Log Measured From Ground Level 0 Ft. Above Perm. Datum
Drilling Measured From Ground Level

Date 10/26/2013

Run Number One

Type Log CNL / CDL

Depth Driller 644

Depth Logger 644

Bottom Logged Interval 623

Top Logged Interval 200

Type Fluid In Hole Chemical

Salinity, PPM CL NA

Density 9.3

Level Full

Max. Rec. Temp. F 82

Operating Rig Time 2 Hours

Equipment -- Location 17 Days

Recorded By R. Barnhart

Witnessed By Les Kremeier

Borehole Record

Run No. Bit From To Size Wgt. From To

One 12.25 00 207 8.625 23# 00 207

Two 7.875 207 TD

<<< Fold Here >>>

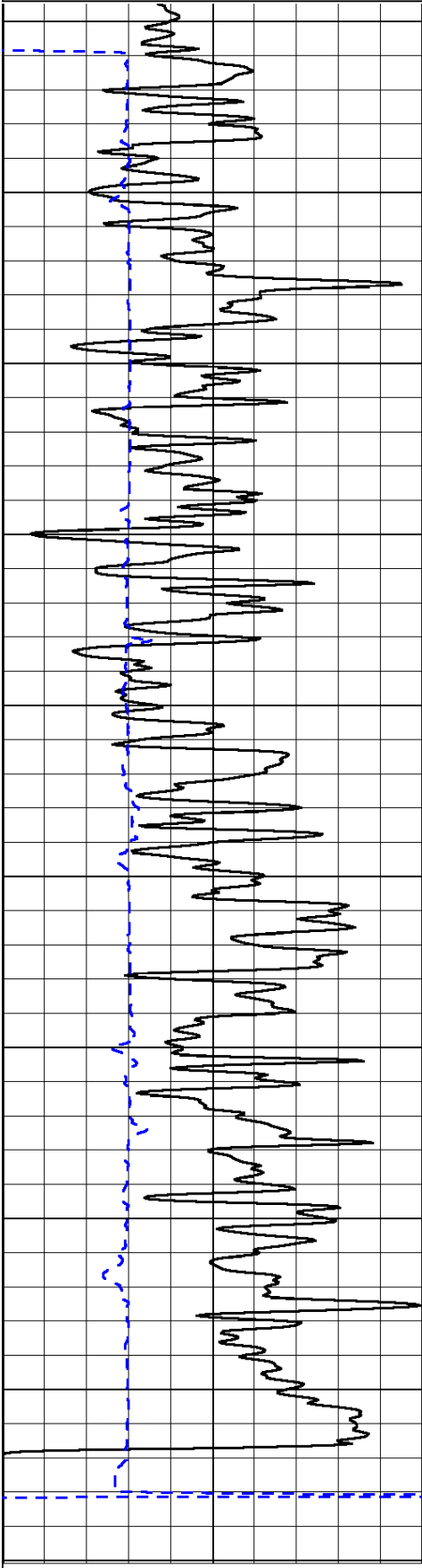
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Comments

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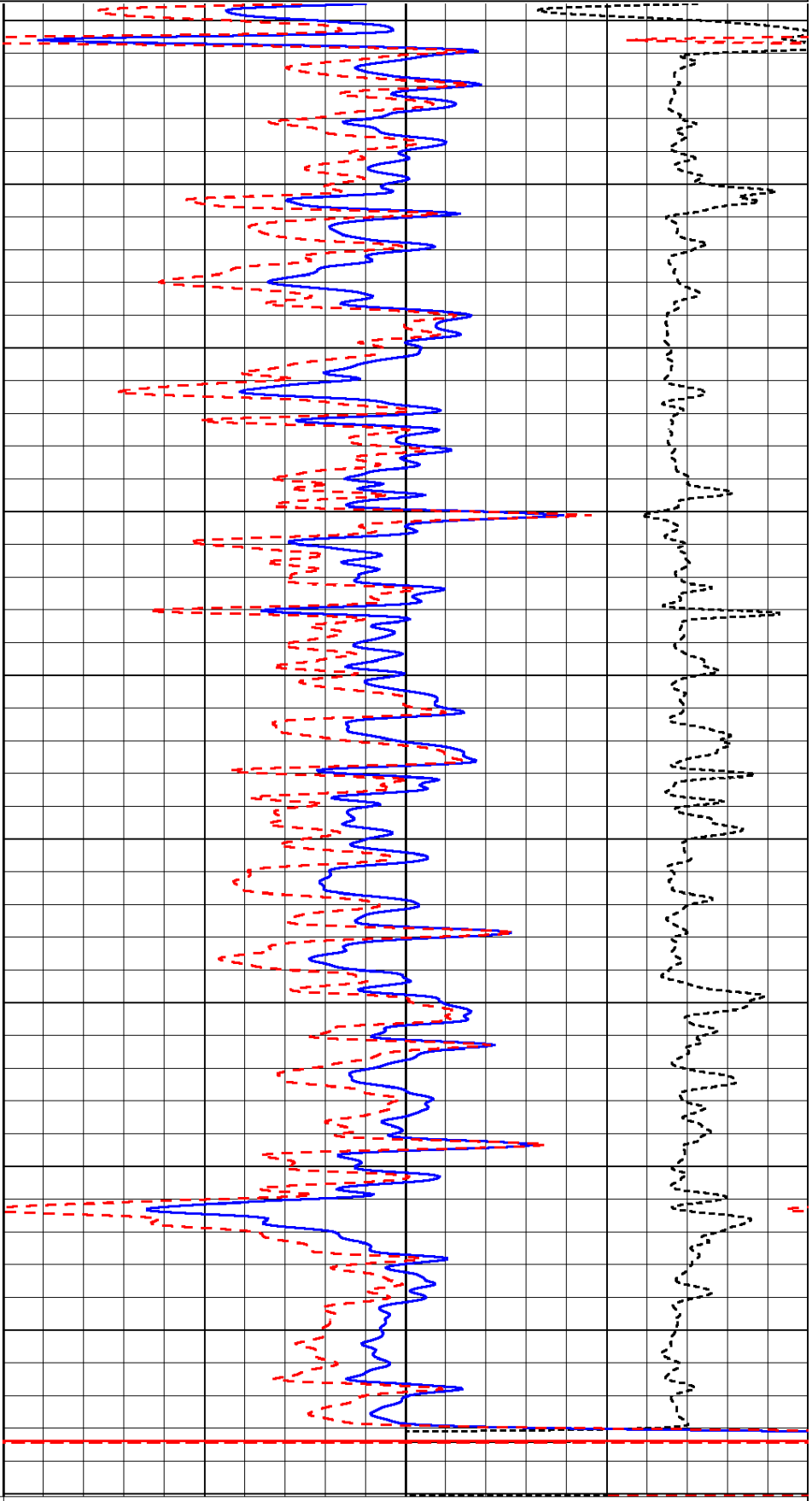
Marion, KS:
Hwy 56 & 77: 9E to C Rd., 2N, E into

0	Gamma Ray (API units) (GAPI) 150	
4	Caliper (Inches) (in)	14



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4	Caliper (Inches) (in)	14

2	Bulk Density (g/cc) (g/cc)	3
30	Density Porosity (2.71 ma) (pu)	-10
	-0.25 Correction (g/cc) (g/cc)	0.25



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Database File: kremier_hd.db
Dataset Pathname: mel/krmmain
Presentation Format: ekcnldl
Dataset Creation: Sat Oct 26 17:19:20 2013
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
4	DCAL (in)	14

30	Compensated Neutron (pu)	-10
30	Compensated Density (pu)	-10
10000	LTEN (lb)	0

-0.25	Correction (g/cc)	0.25
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LSPD
(ft/min)

