

Company **CMX INCORPORATED**
Well **CLAFLIN #1-34**
Field **KRAFT-PRUSA**
County **BARTON**
State **KANSAS**

RECON

**DUAL INDUCTION
LATEROLOG - SP
GAMMA RAY**

SEC		TWP		RGE		OTHER SERVICES:	
34		16S		11W		LDT CNL	
Location. 1320' FNL & 1470' FWL				W2/W2/E2/NW			
SURF. SAME		AP#.		015-009-26090-0000		XY CALIPER MICROLOG	
Permanent Datum		Ground Level		Elev		ELEVATIONS	
Log Measured From		Kelly Bushing				K.B. 1946	
Drilling Measured From		Kelly Bushing				G.L. 1933	
						D.F. N/A	

Date	01-APR-2015			
Run No.	ONE			
TD Driller	3388	ft		ft
TD RECON	3387	ft		ft
Bot Logged Interval	3386	ft		ft
Top Logged Interval	460	ft		ft
Casing Depth Driller	8 5/8	in.	@ 478	@
Casing Depth RECON	8 5/8	in.	@ 478	@
Bit Size	7 7/8	in.		in.
Drilling Fluid Type	WBM			
Density	9.0		65	
Fluid Loss	PH	6.0	11.4	
Source Of Sample	Flowline			
RM @ Measured Temp	1.67	Ohmm	@ 75	Ohmm @
RMF @ Measured Temp	1.25	Ohmm	@ 75	Ohmm @
RMC @ Measured Temp	2.09	Ohmm	@ 75	Ohmm @
RM @ MRT	1.19	Ohmm	@ 107	Ohmm @
Max Recorded Temp	107	DegF		DegF
Time Drilling Stopped	01-APR-2015	12:00		
Time Circulation Stopped	01-APR-2015	13:00		
Time Logger On Bottom	02-APR-2015	01:38		
Unit Num	Location	S406	OKLAHOMA CITY, OK	
Recorded By	K.HELDERMON			
Witnessed By	K.LEBLANC			

FIELD PRINT

FIELD PRINT

All interpretations are based on inferences from electrical or other readings, and therefore, RECON cannot and will not guarantee the accuracy of any interpretations of log data. RECON shall not be liable for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from

interpretations made by any of our officers, agents or employees, except in the case of provable Gross Negligence or willfull damage. Interpretations are also subject to the terms and conditions of our Price Schedule and General Service Agreement.

RIG INFORMATION

Drill Contr/Rig#

DUKE #7

GENERAL REMARKS SECTION

FIRST RUN IN THE HOLE
CNL AND LDT LOGGED IN A LIMESTONE MATRIX
TOP MARK - 525, BOTTOM MARK - 3227.6
CNL/LDT LOGGED MATRIX: 2.71 g/cc.

CHLORIDES: 3400
LCM: 2

AHV CALCULATED ON 5.5" PROD. CASING

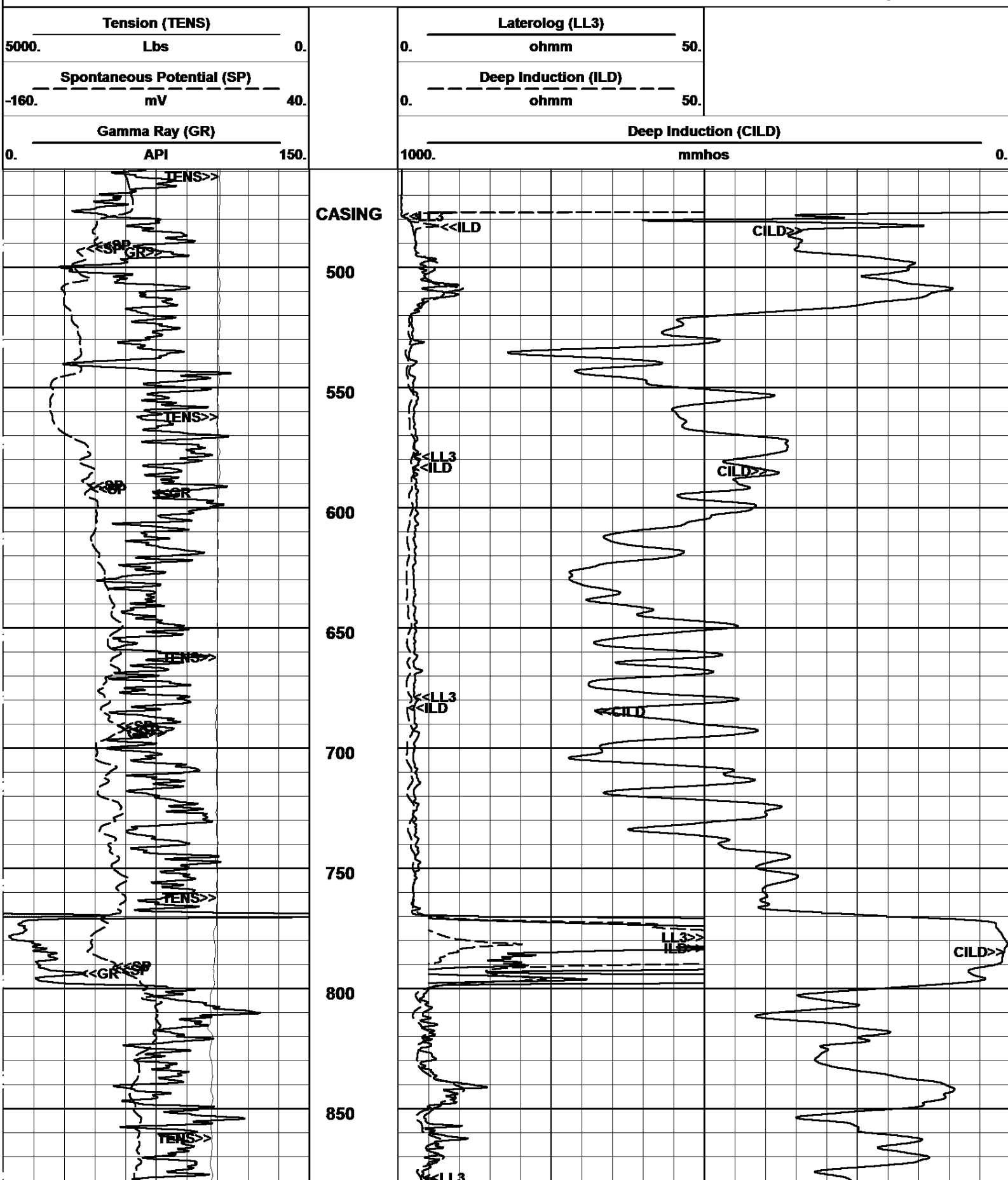
04/02/2015

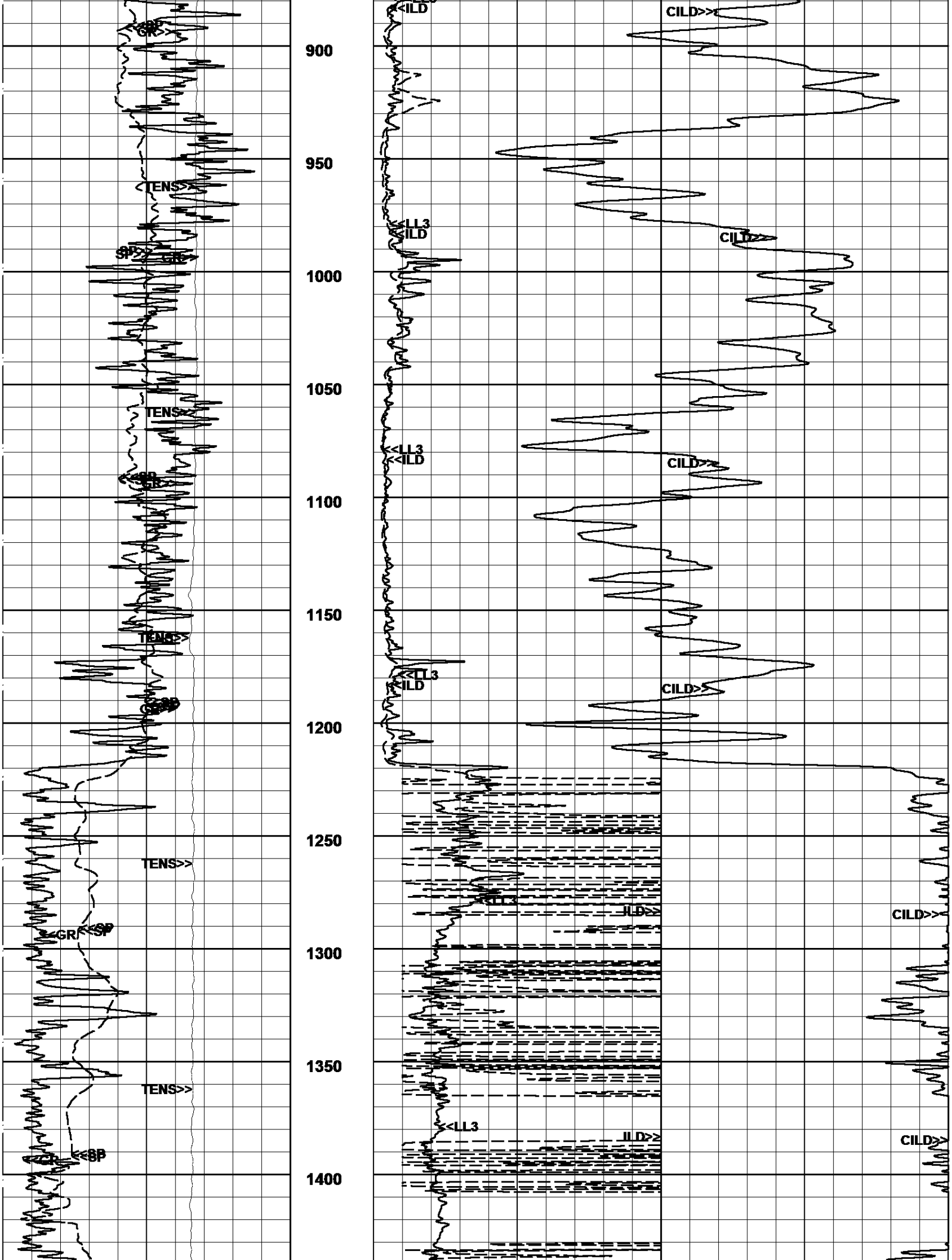
04:22:02 => End Time

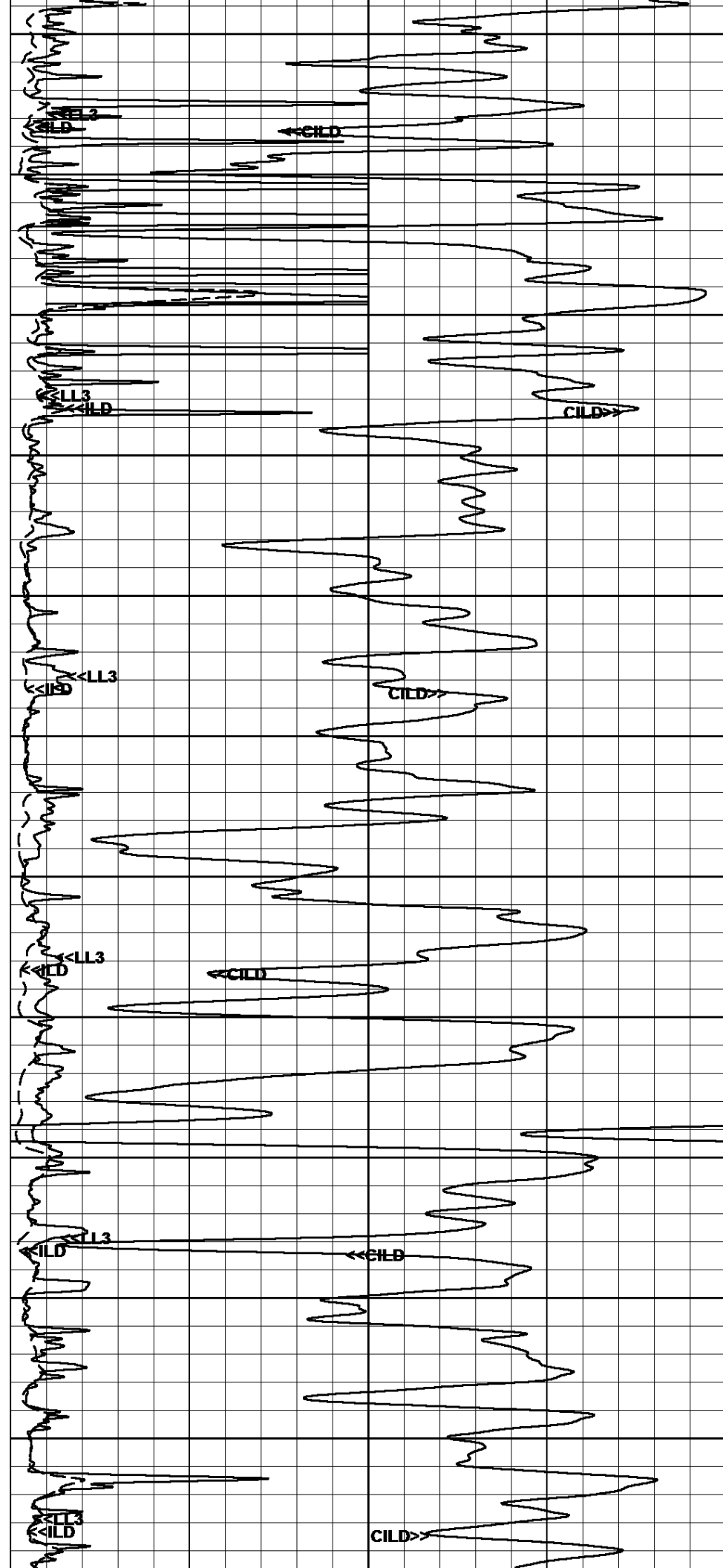
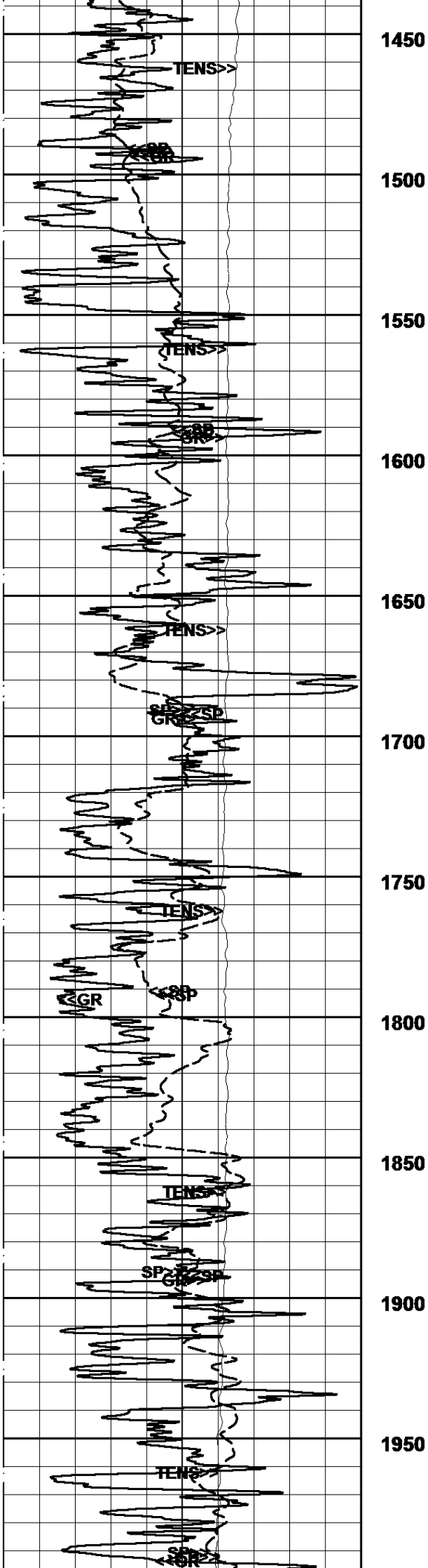
MAIN PASS (2"/100Ft)

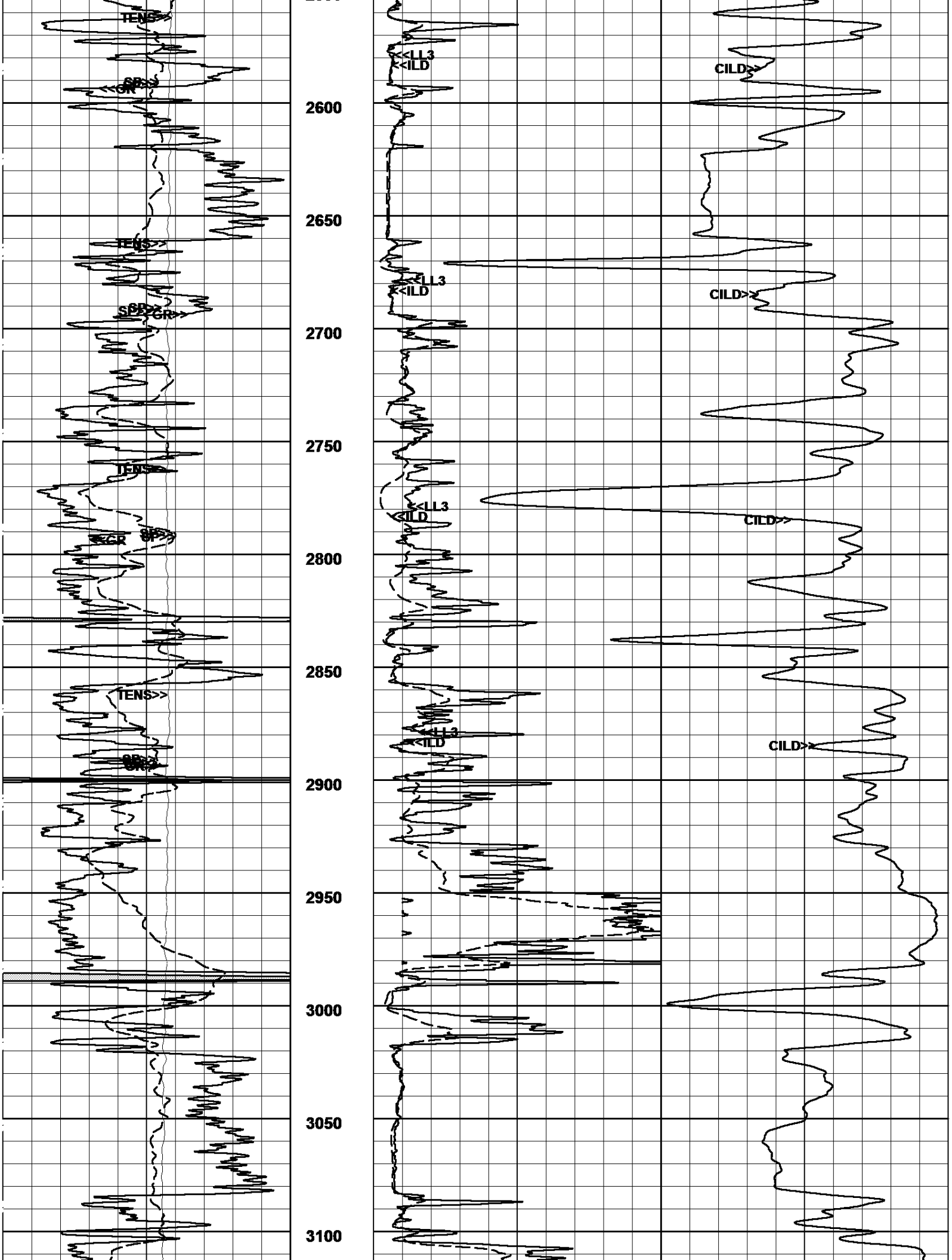
Log UP - (VER 11.19)

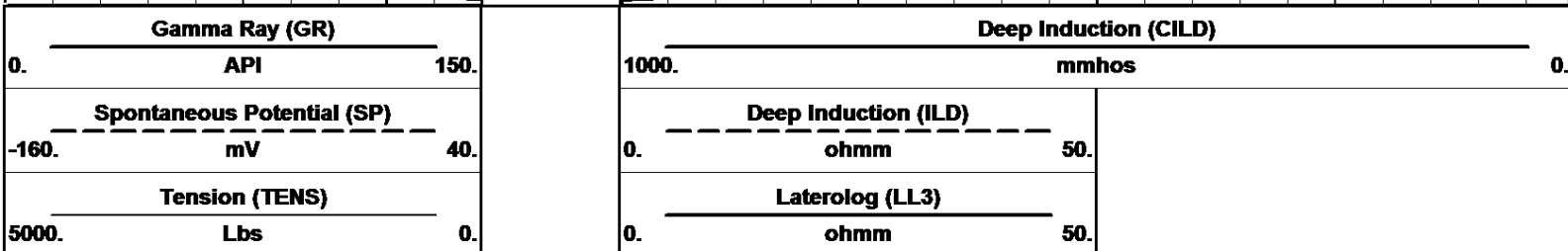
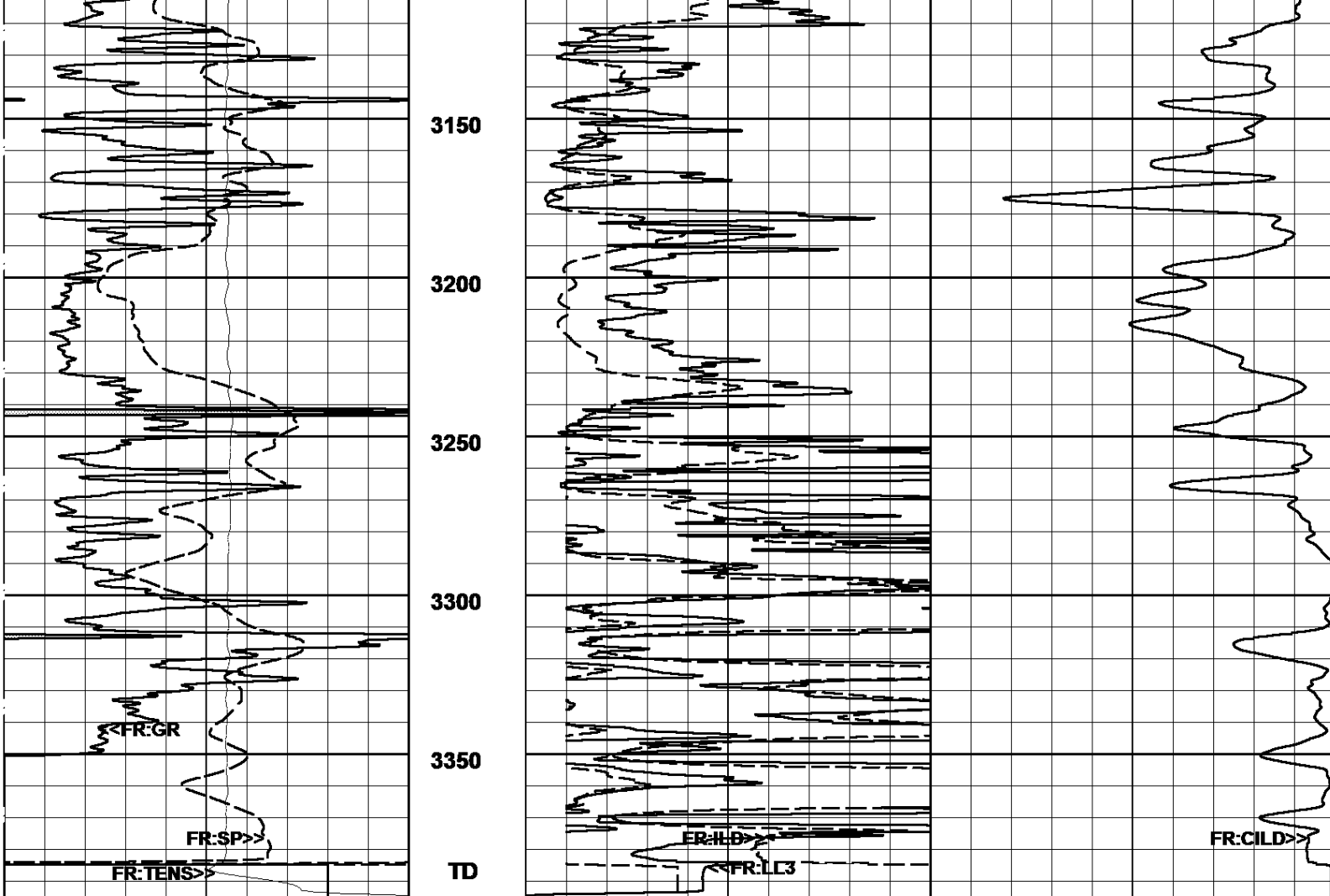
End Depth=> 459.75 Feet











04/02/2015
02:53:17 => Start Time

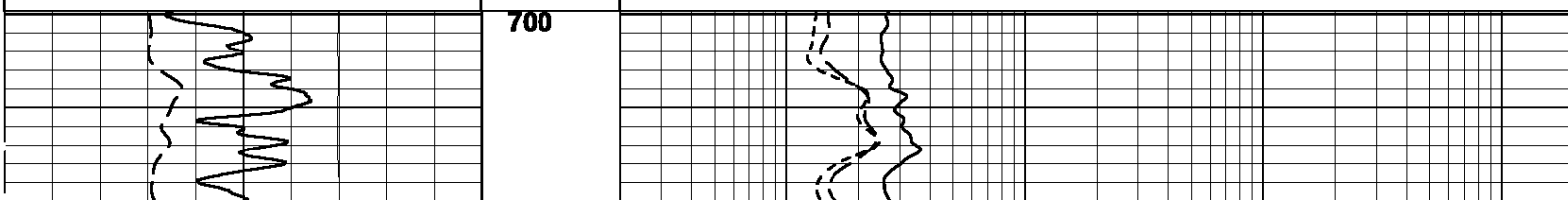
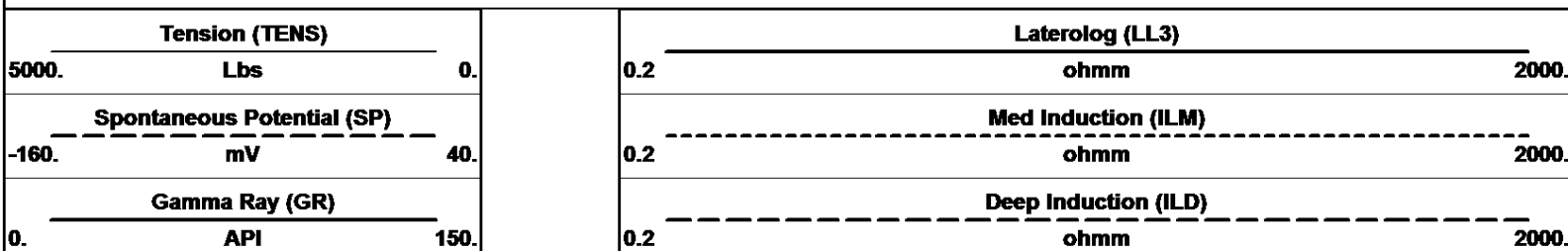
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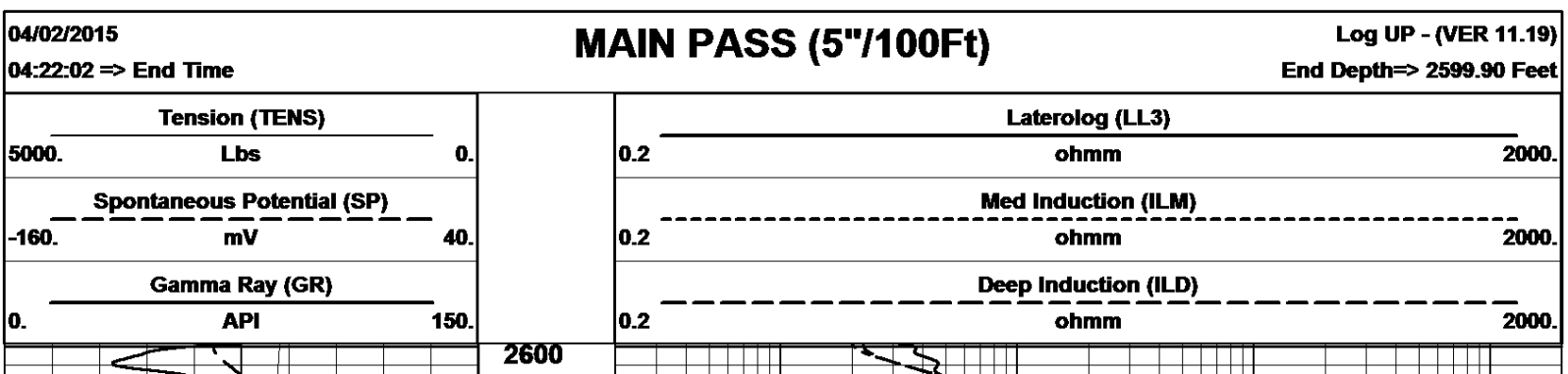
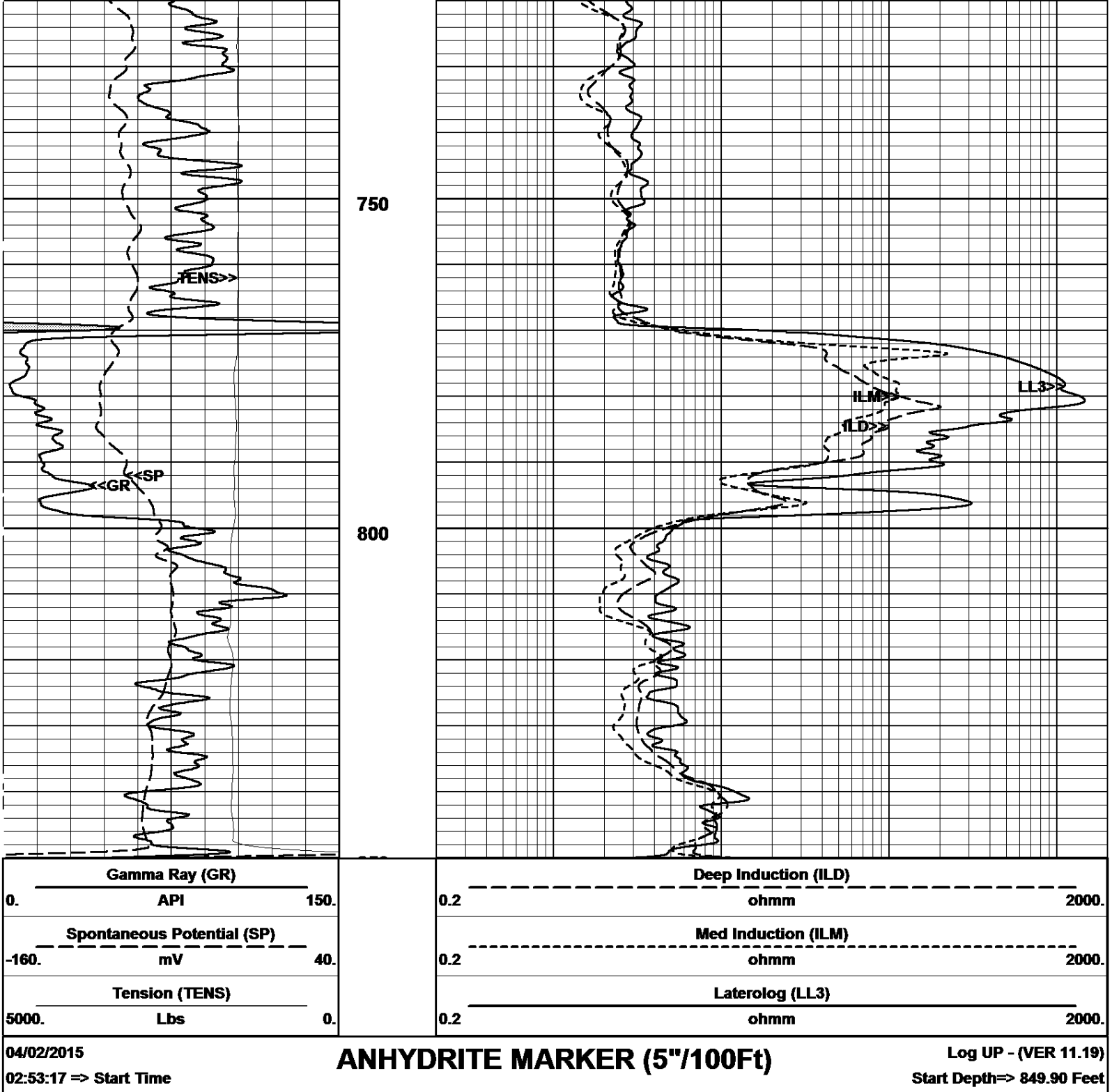
Log UP - (VER 11.19)
Start Depth=> 3395.50 Feet

04/02/2015
04:22:02 => End Time

ANHYDRITE MARKER (5"/100Ft)

Log UP - (VER 11.19)
End Depth=> 699.90 Feet



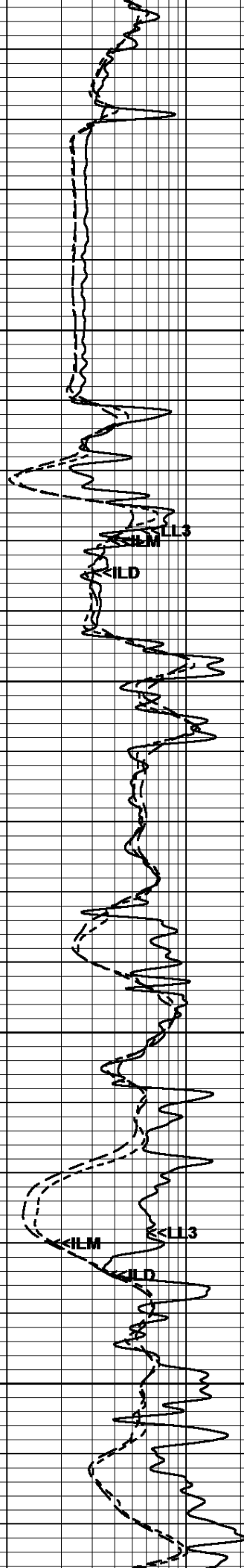
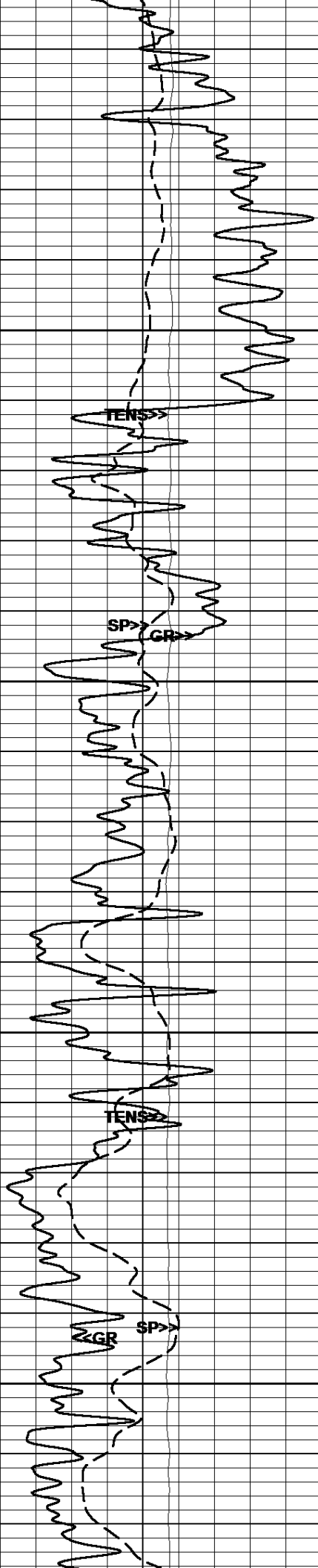


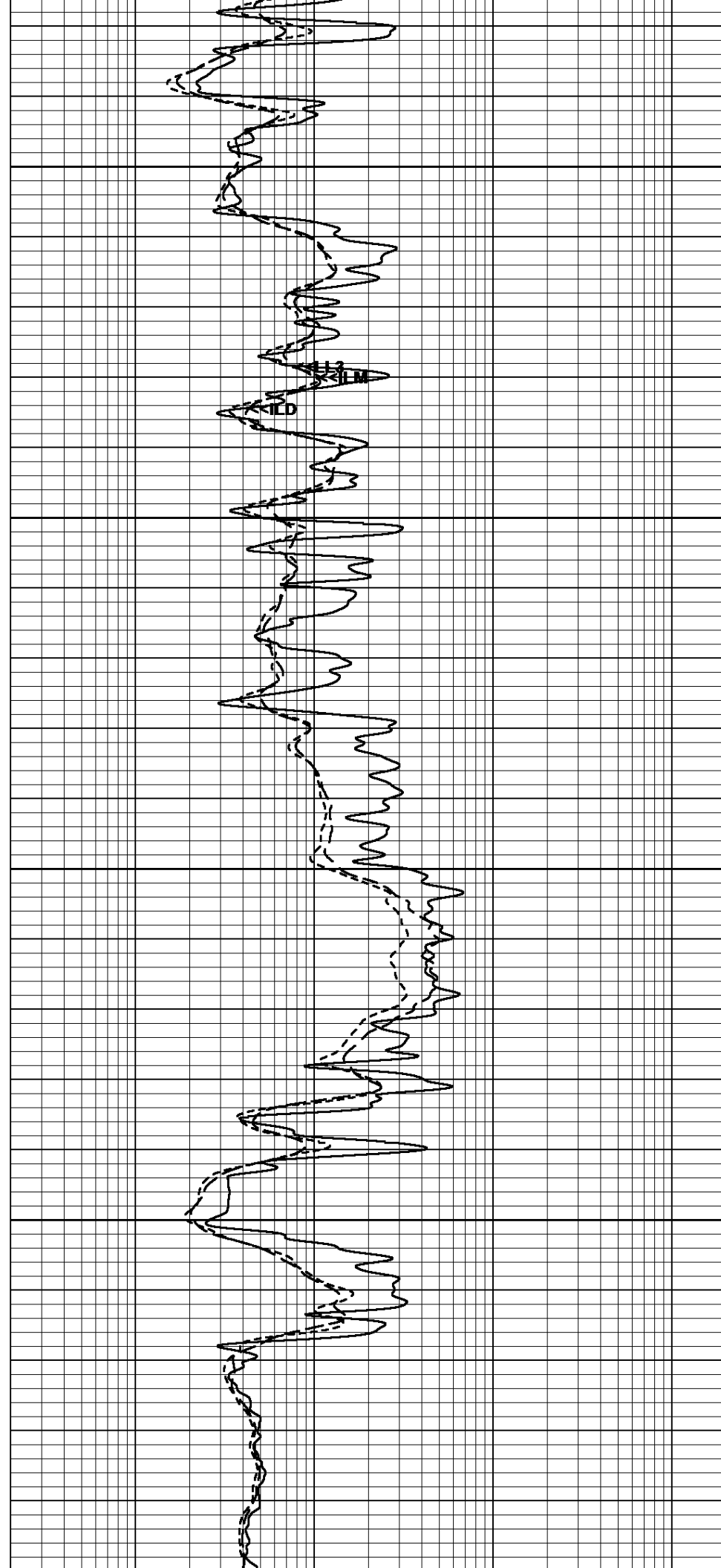
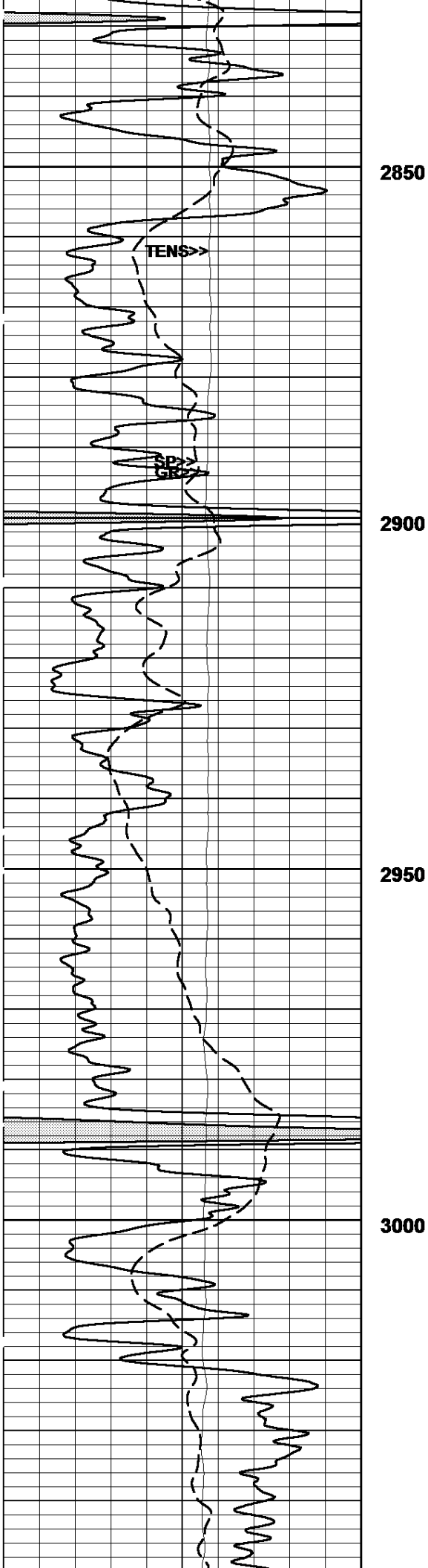
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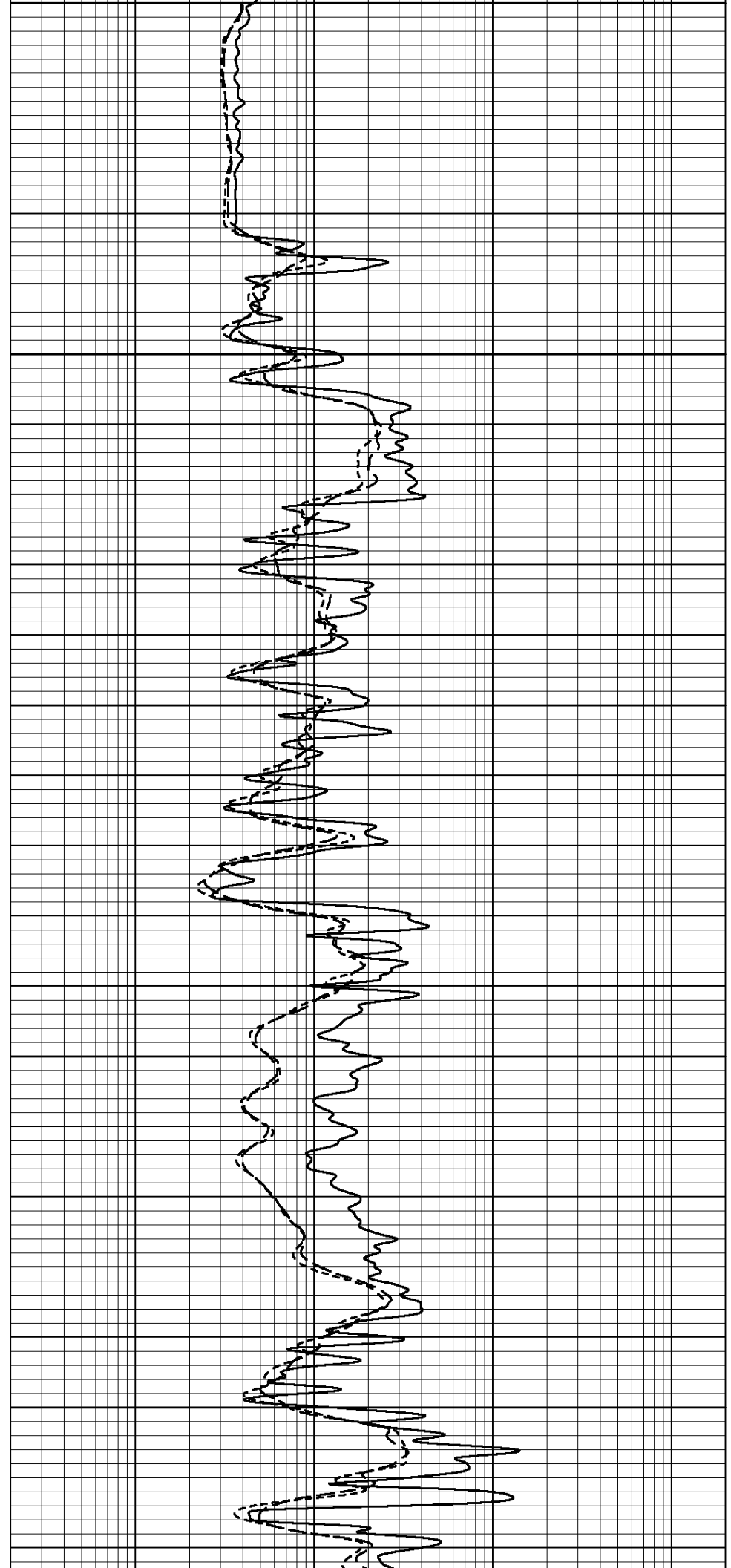
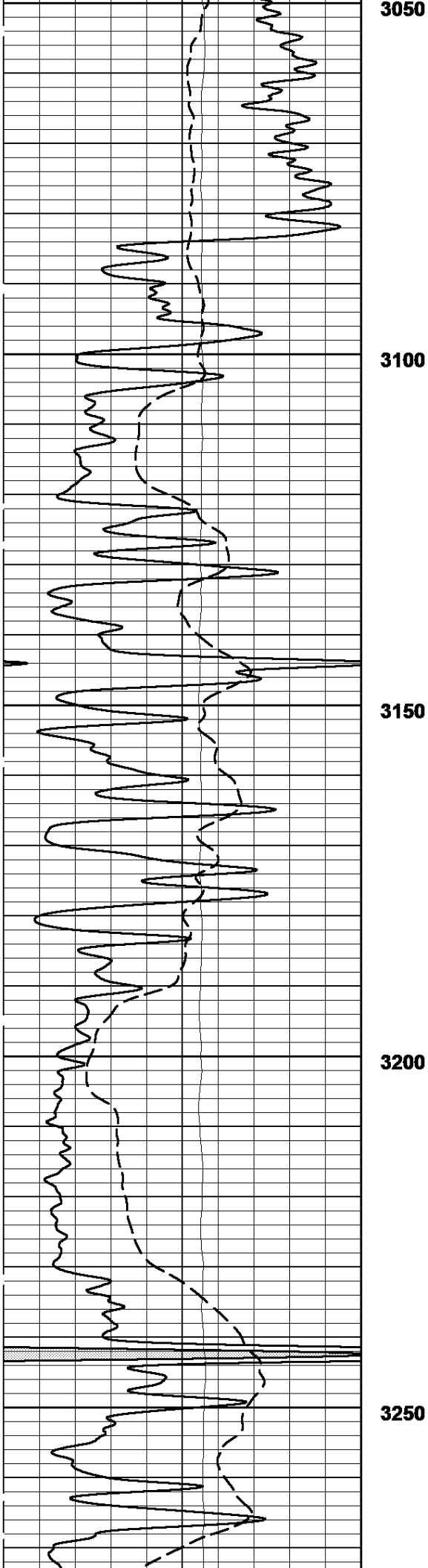
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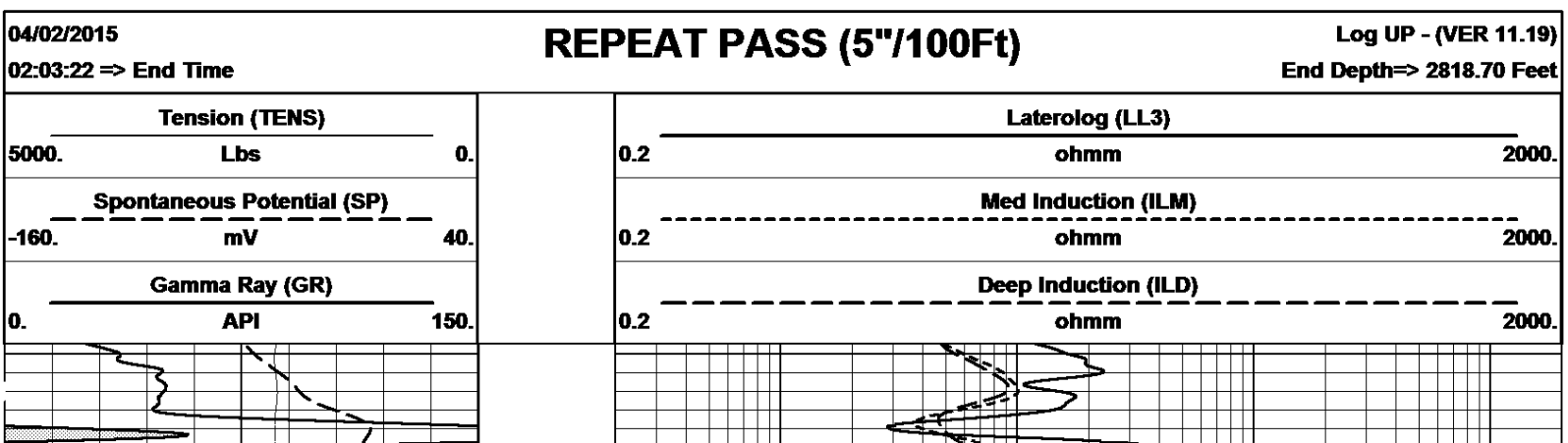
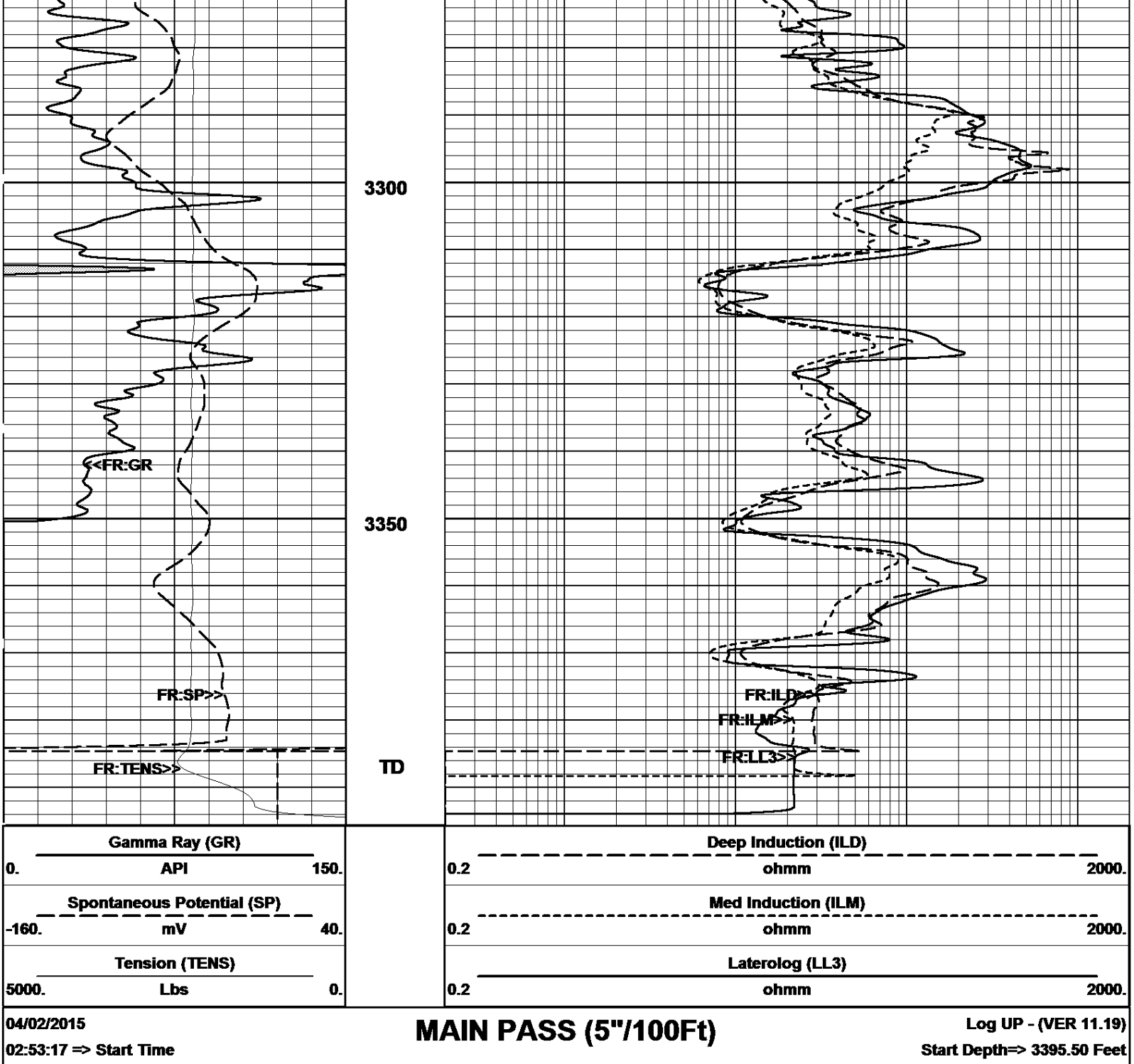
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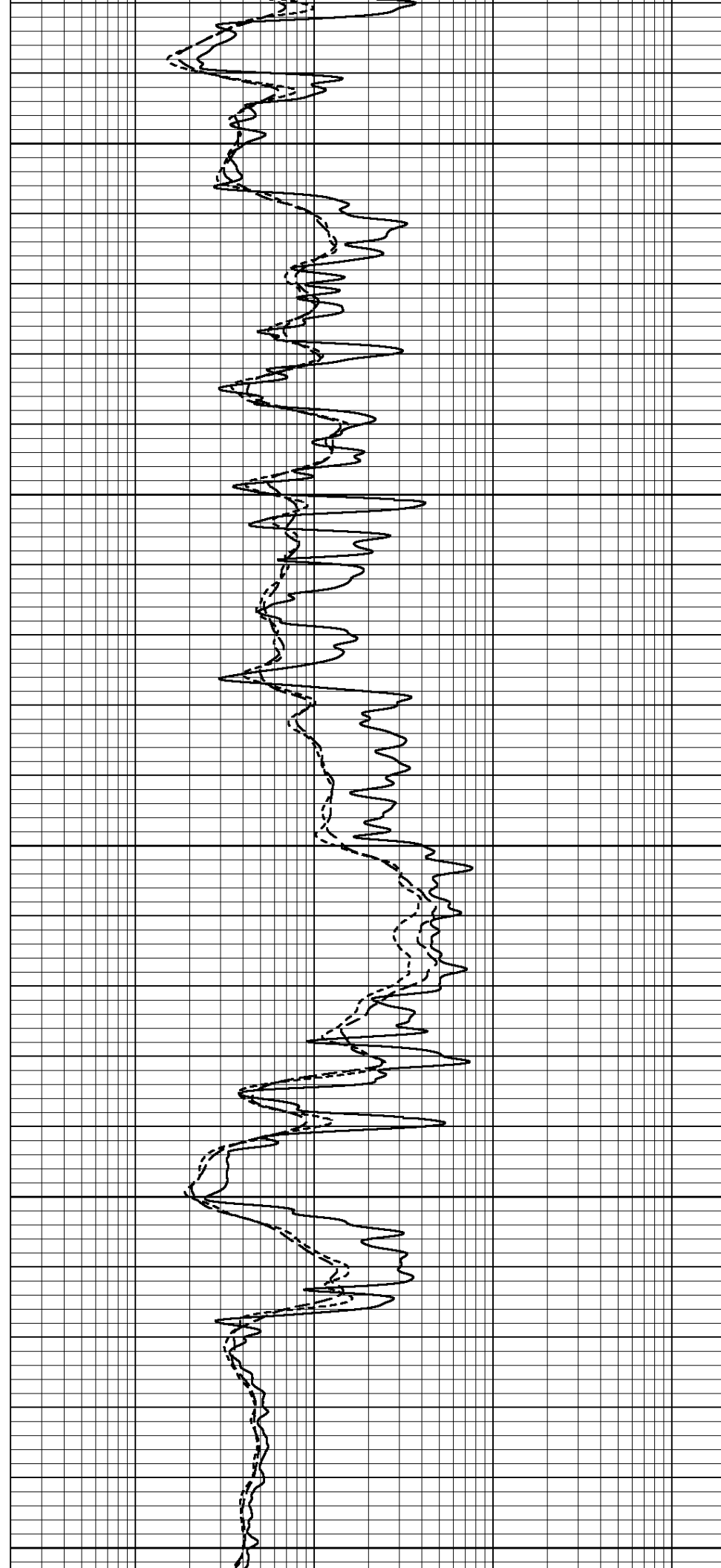
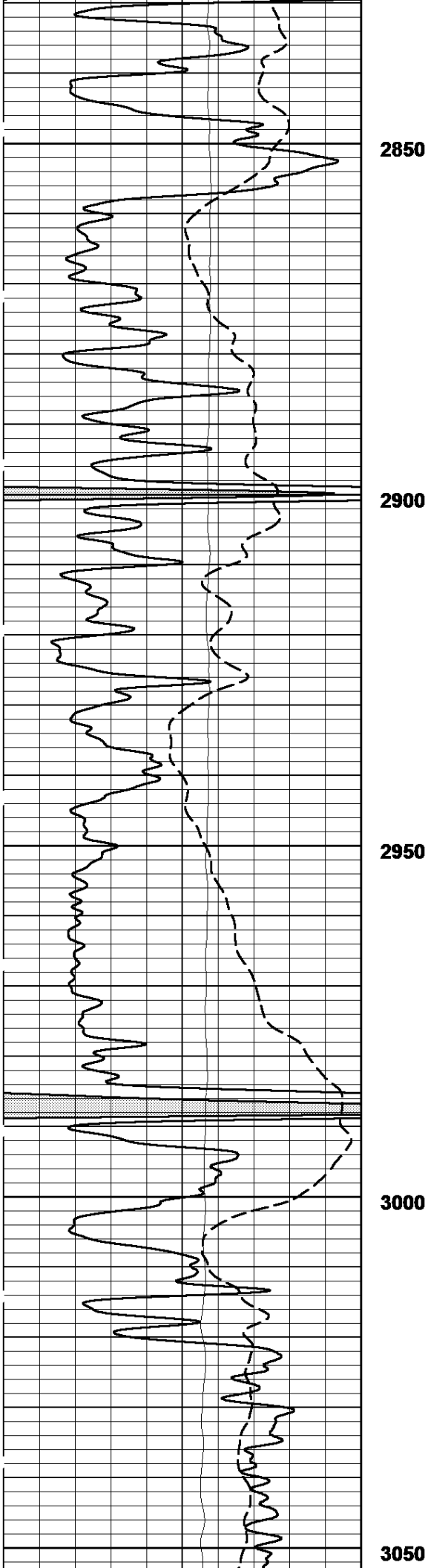
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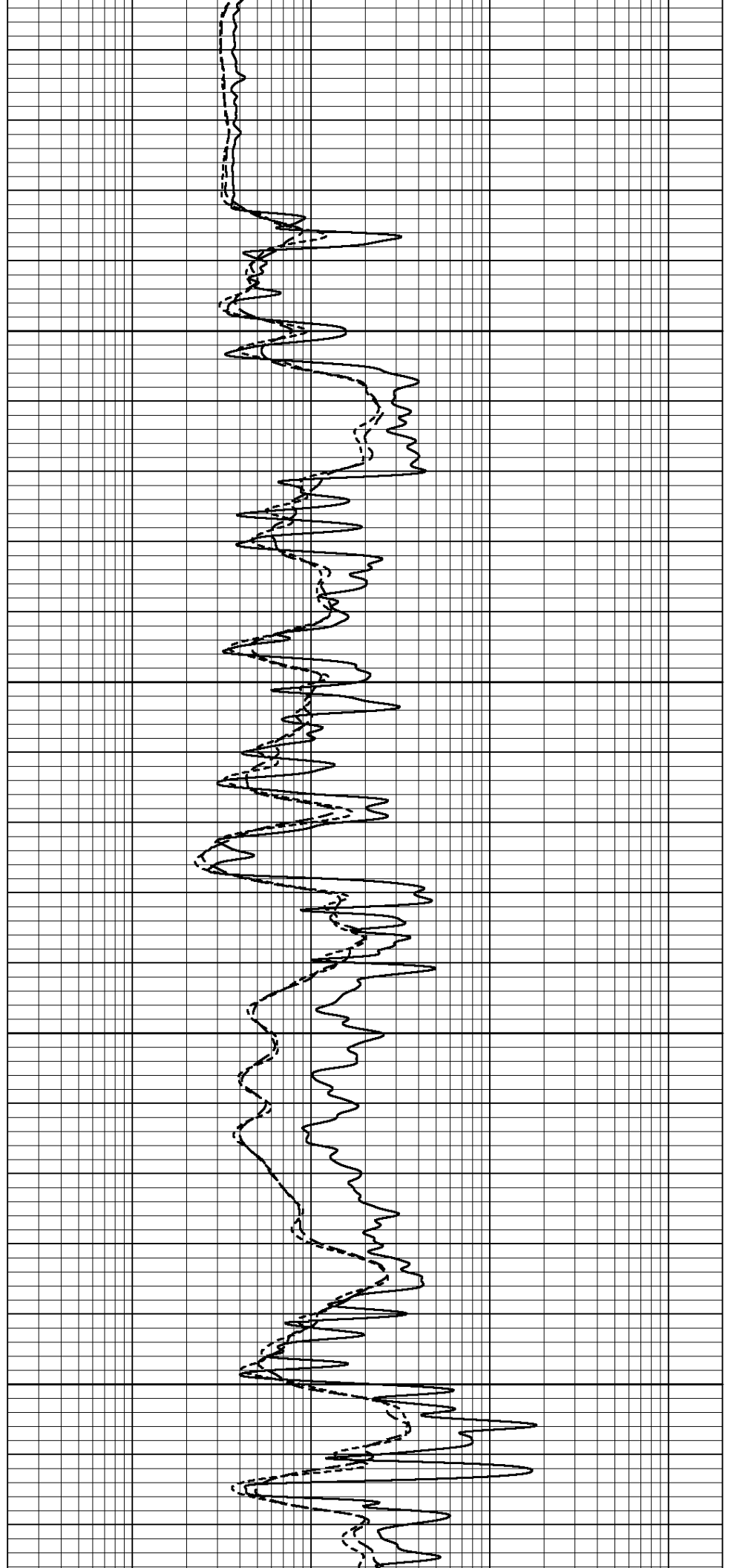
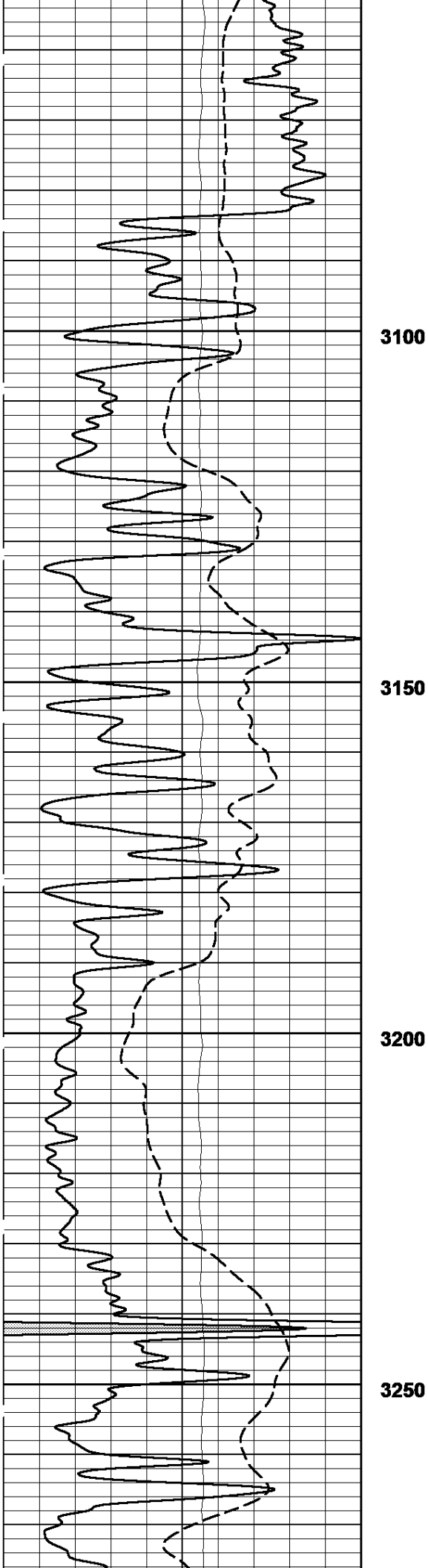


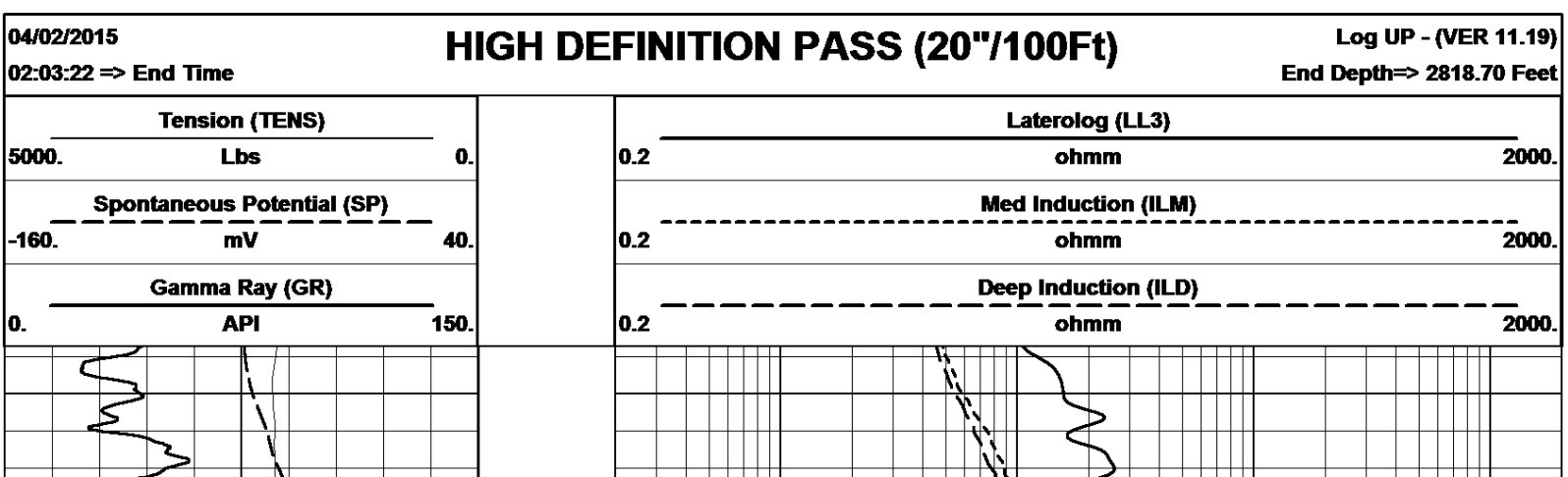
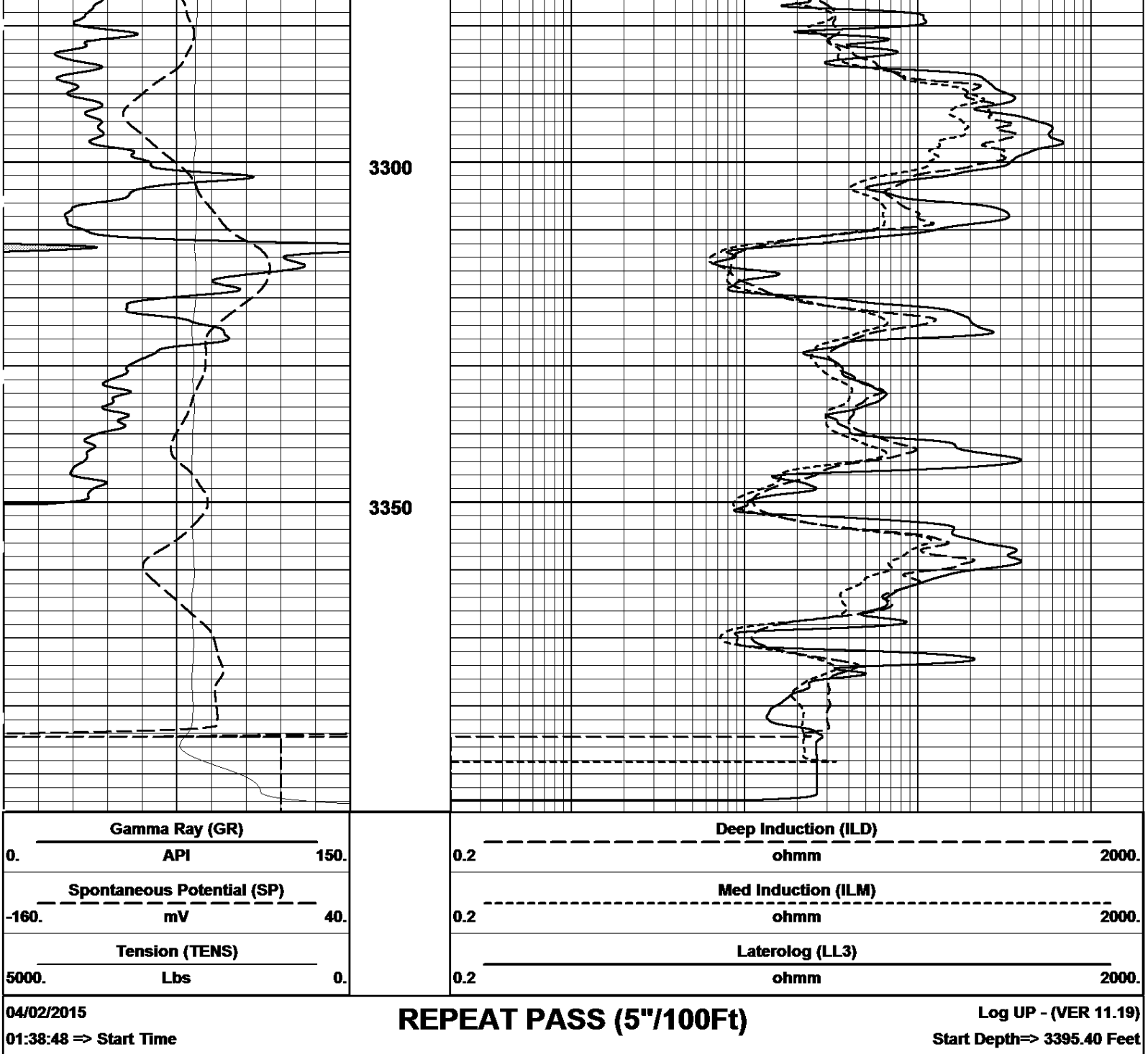


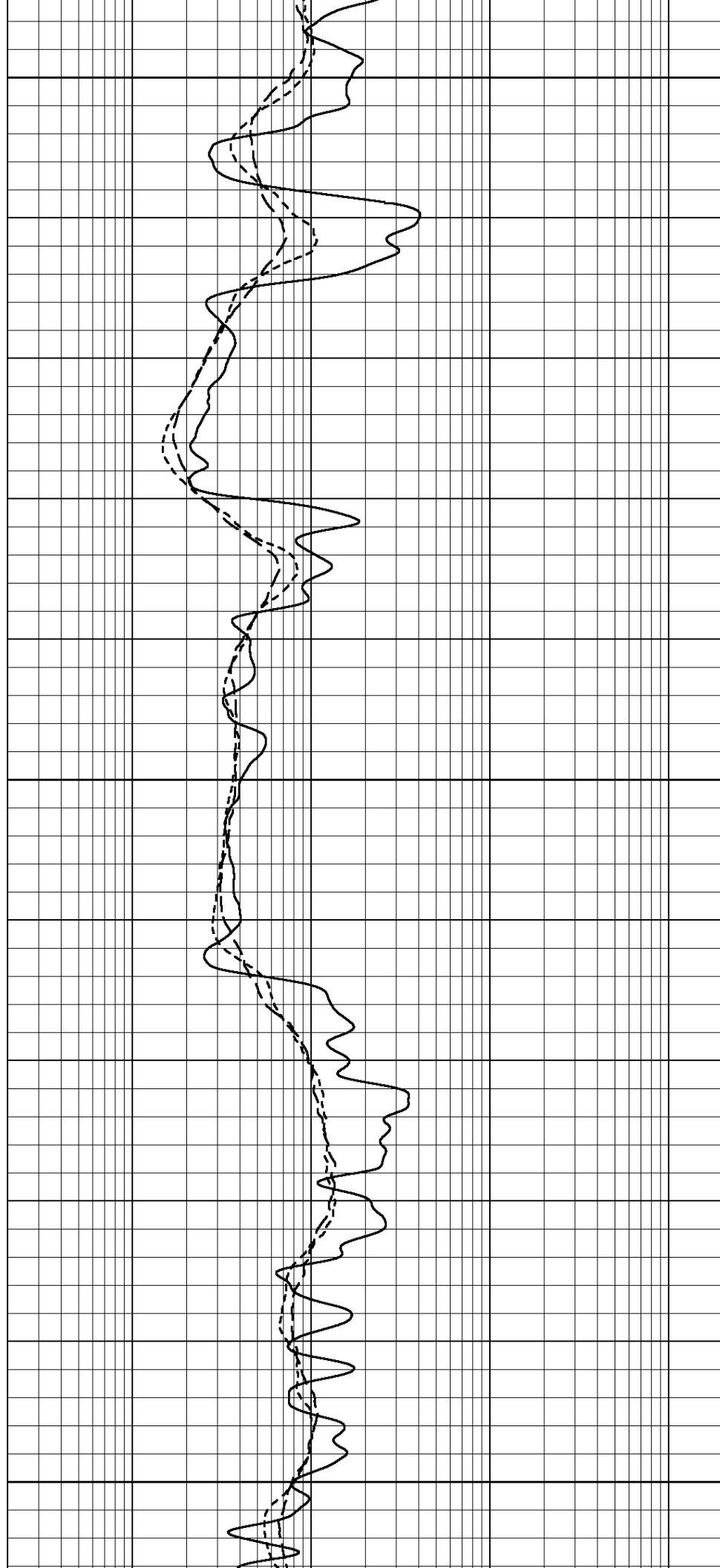
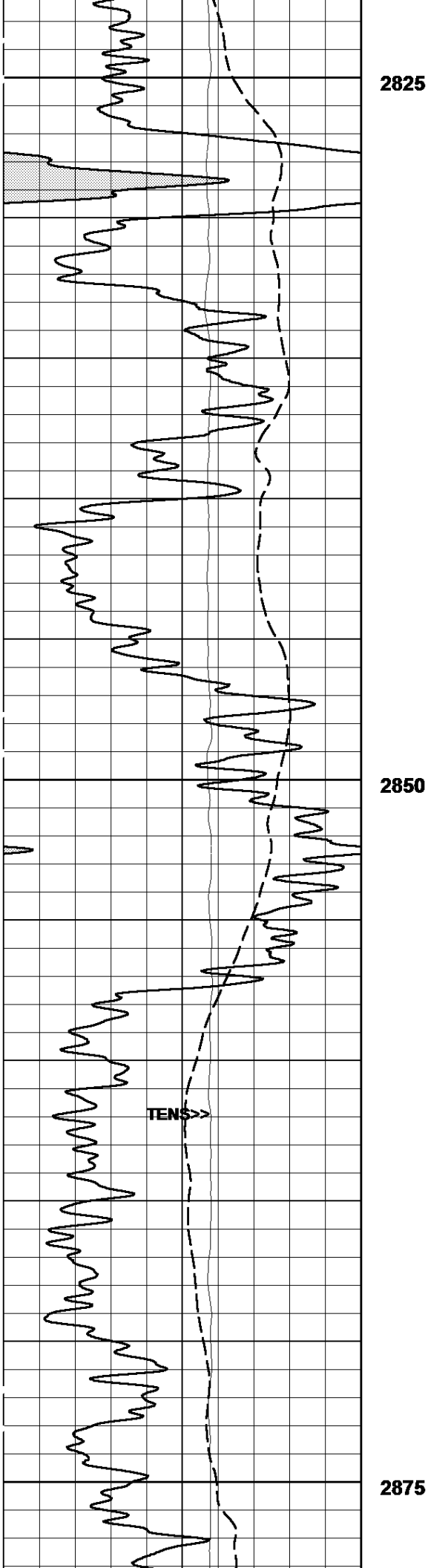


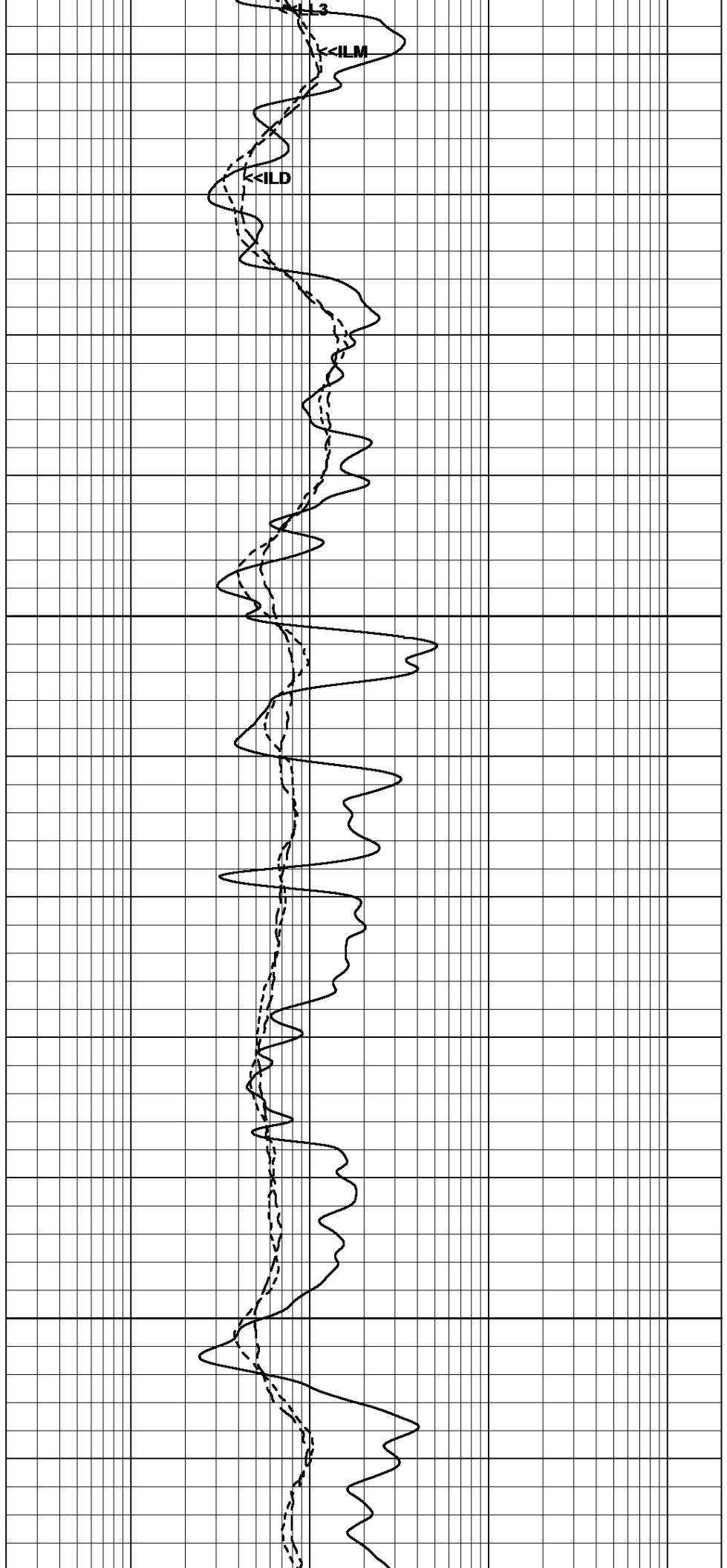
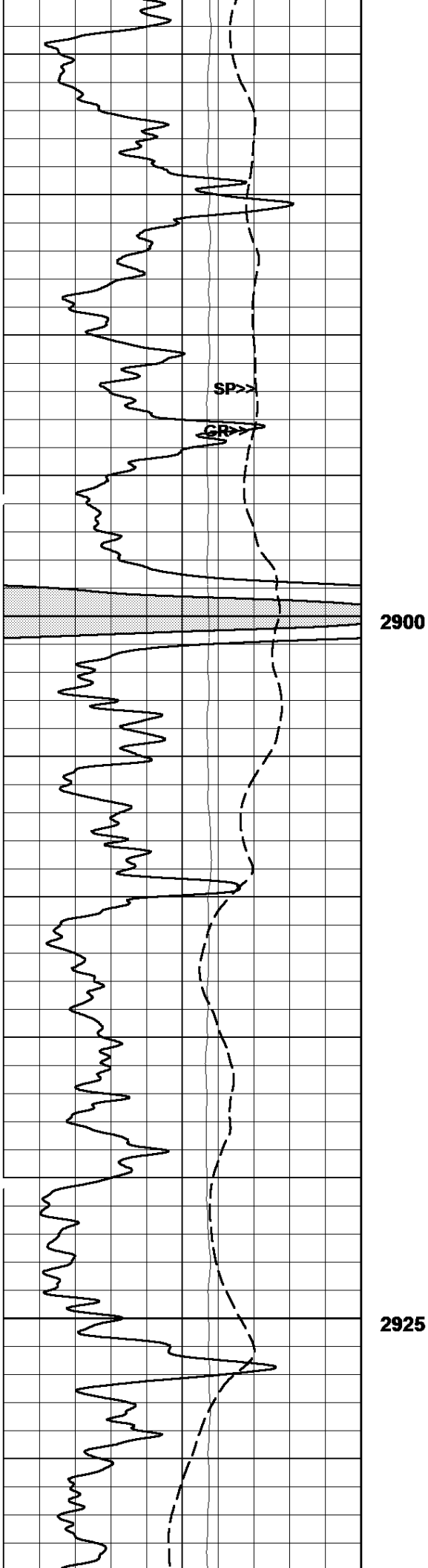


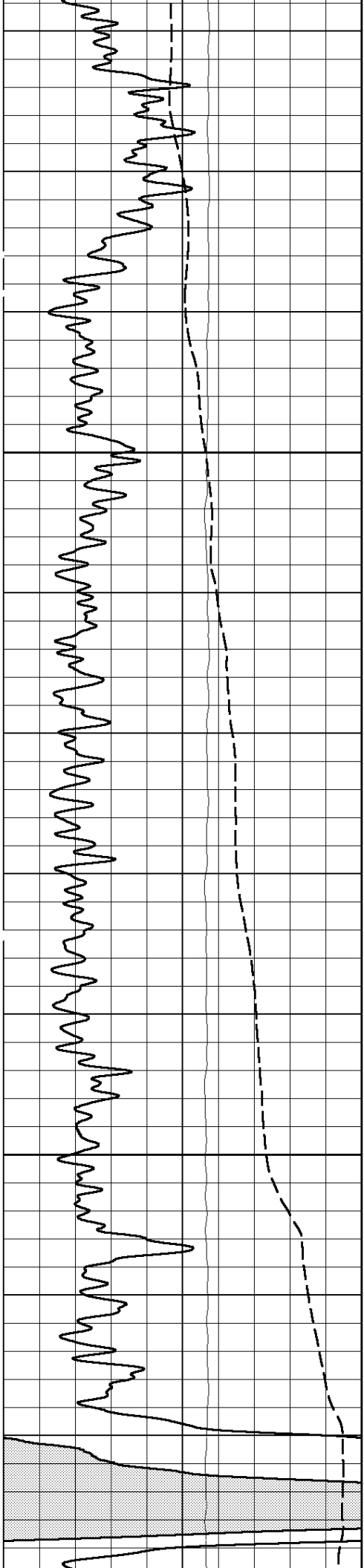






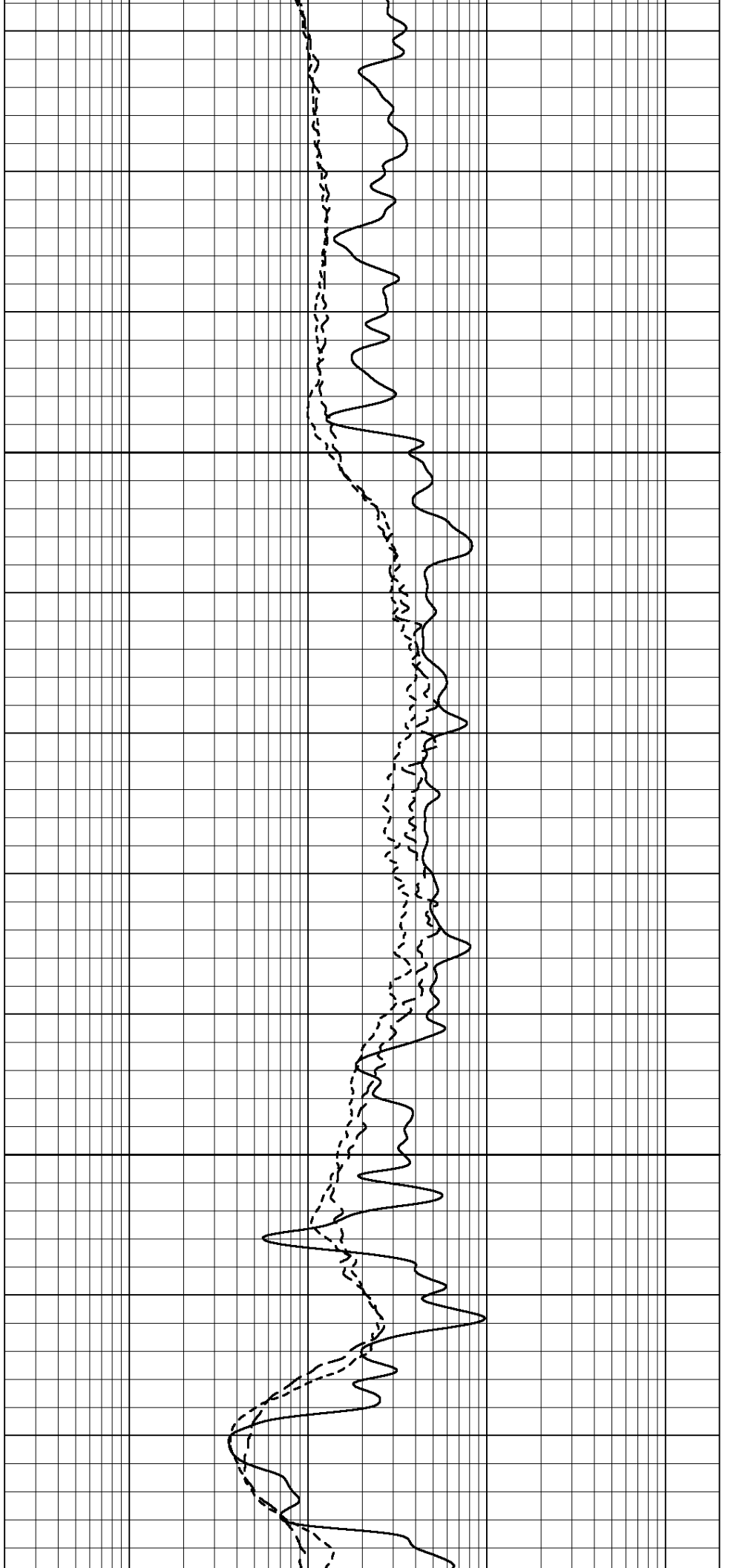


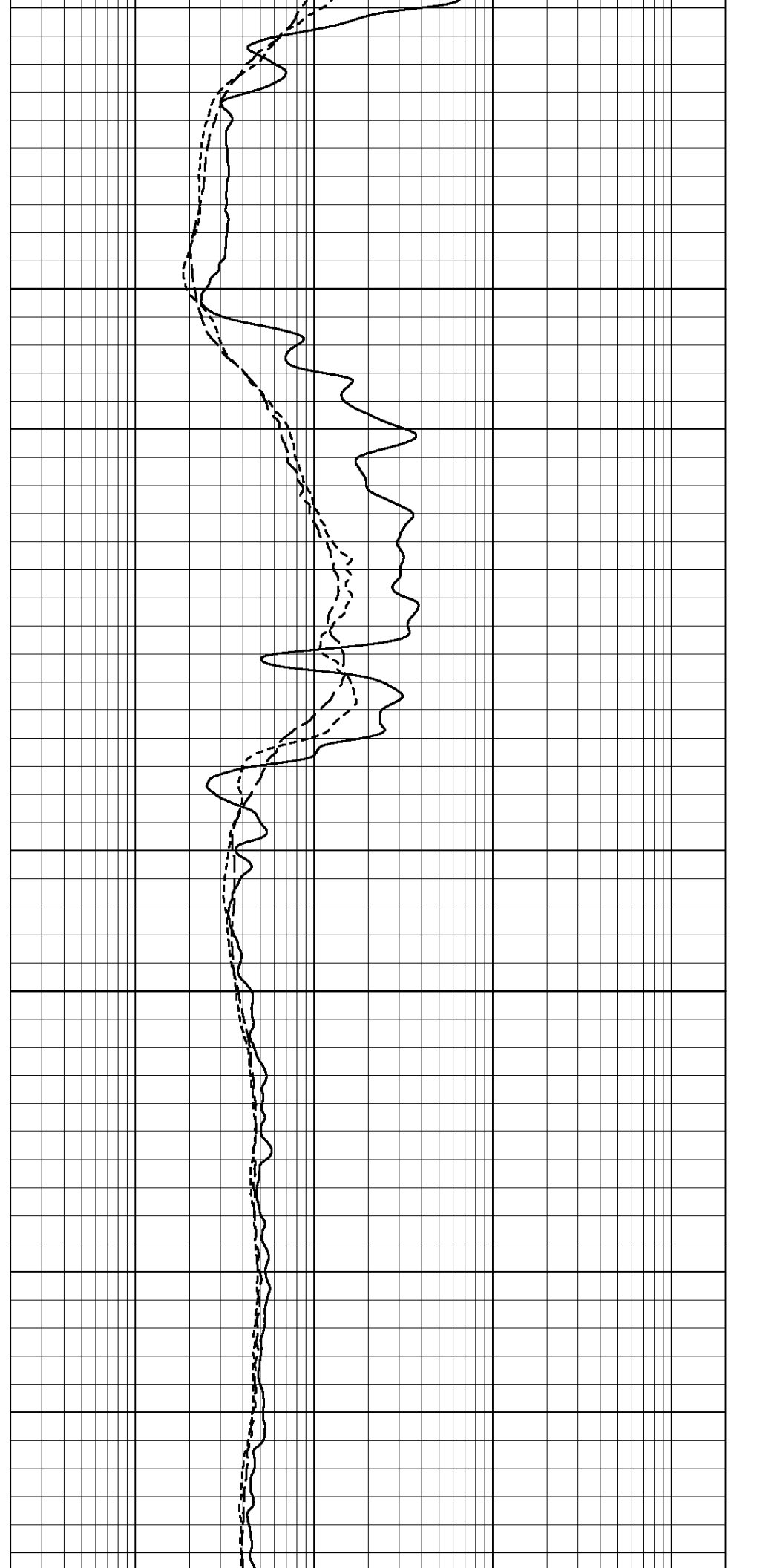
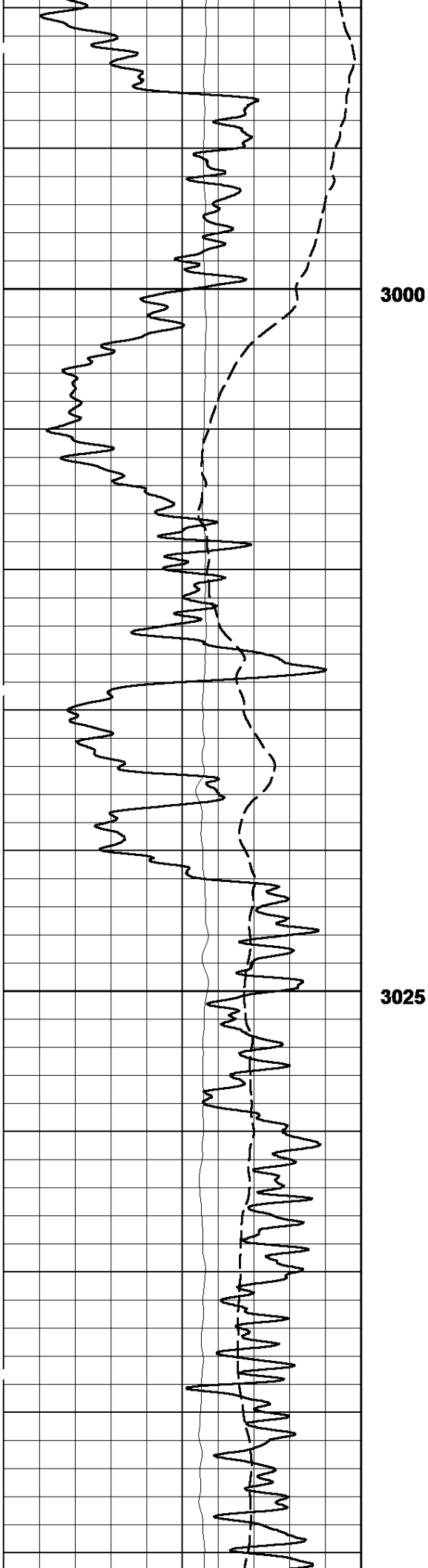


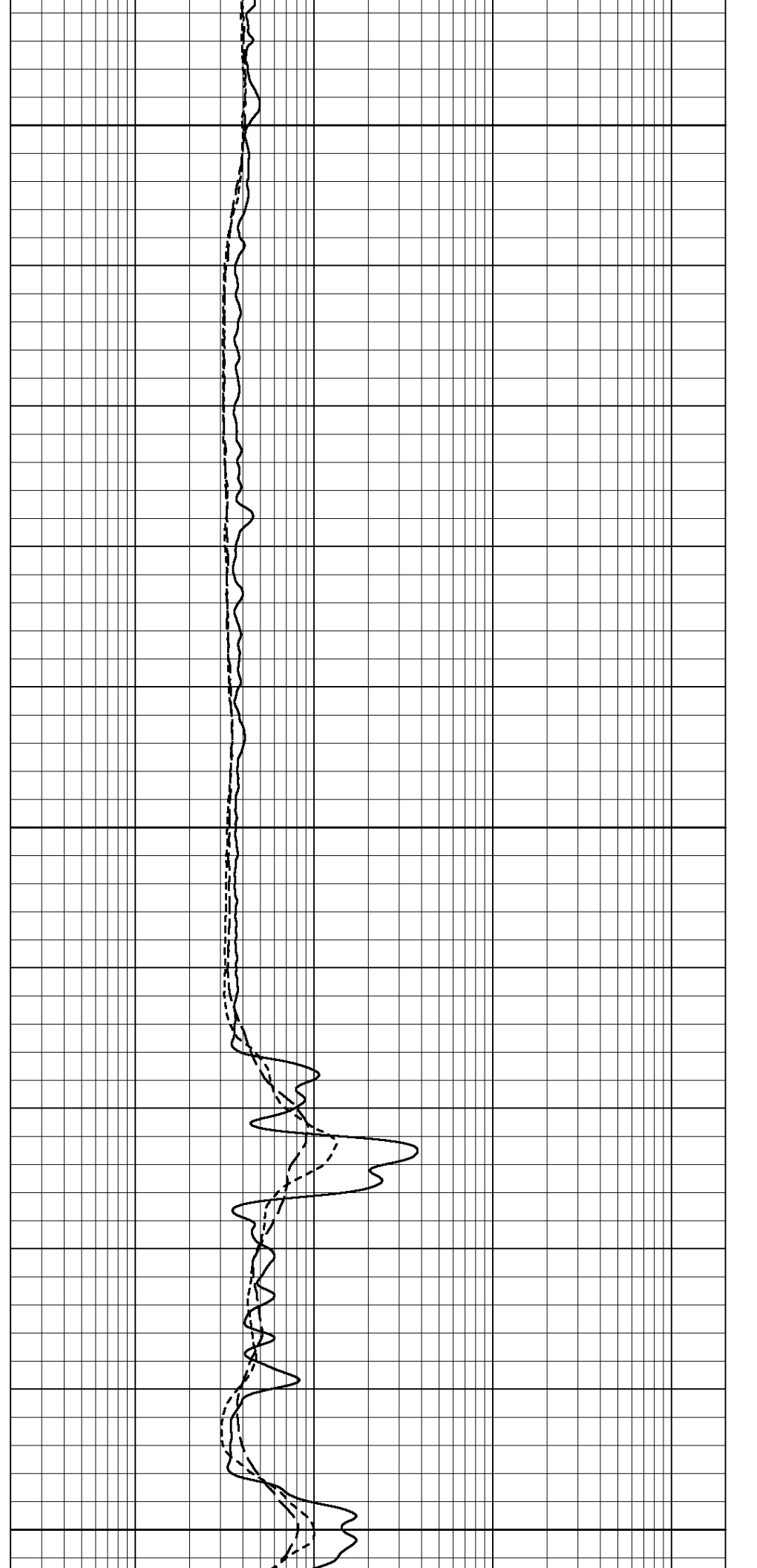
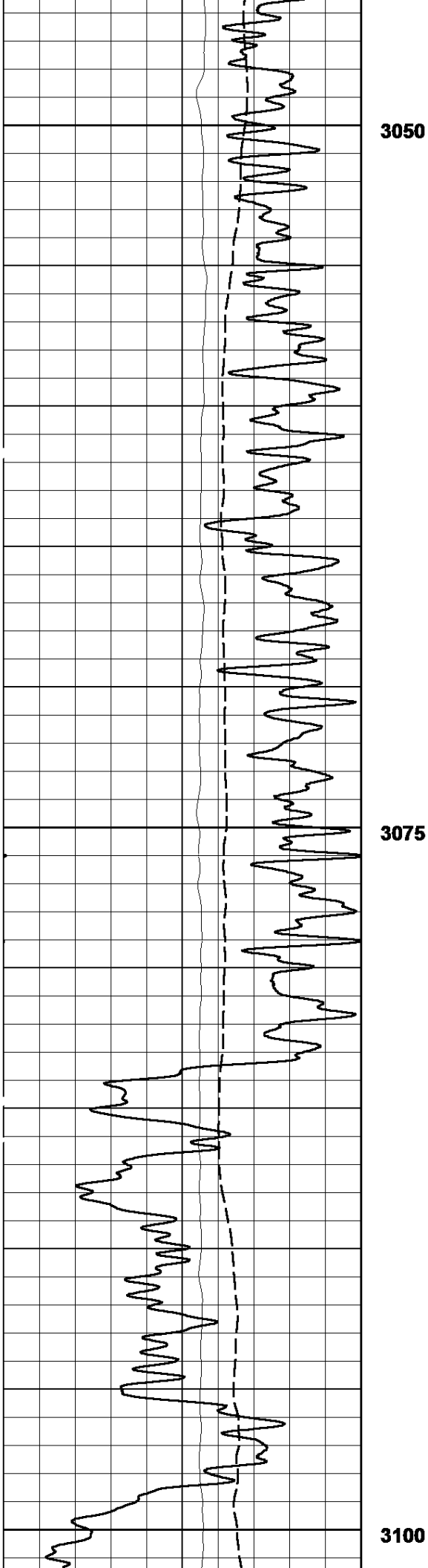


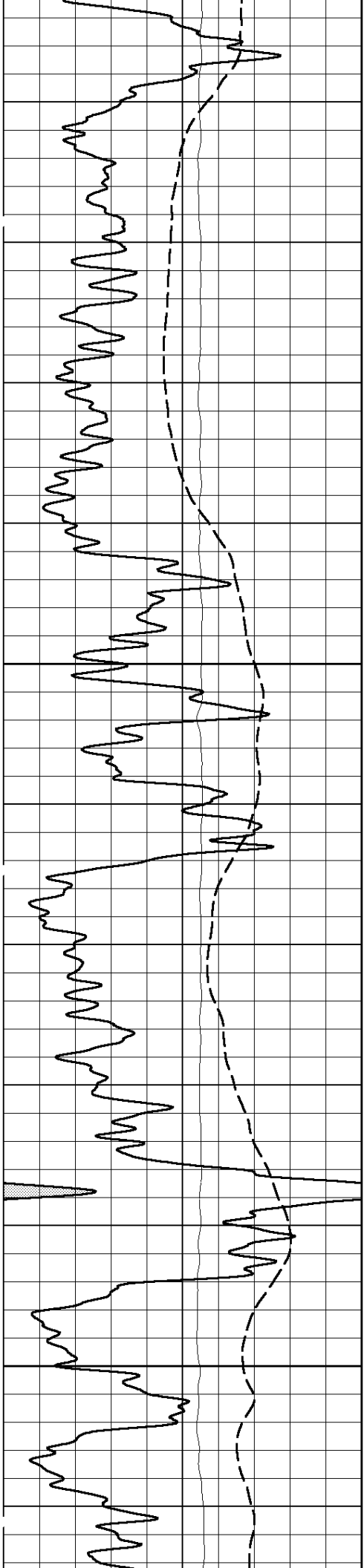
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2975



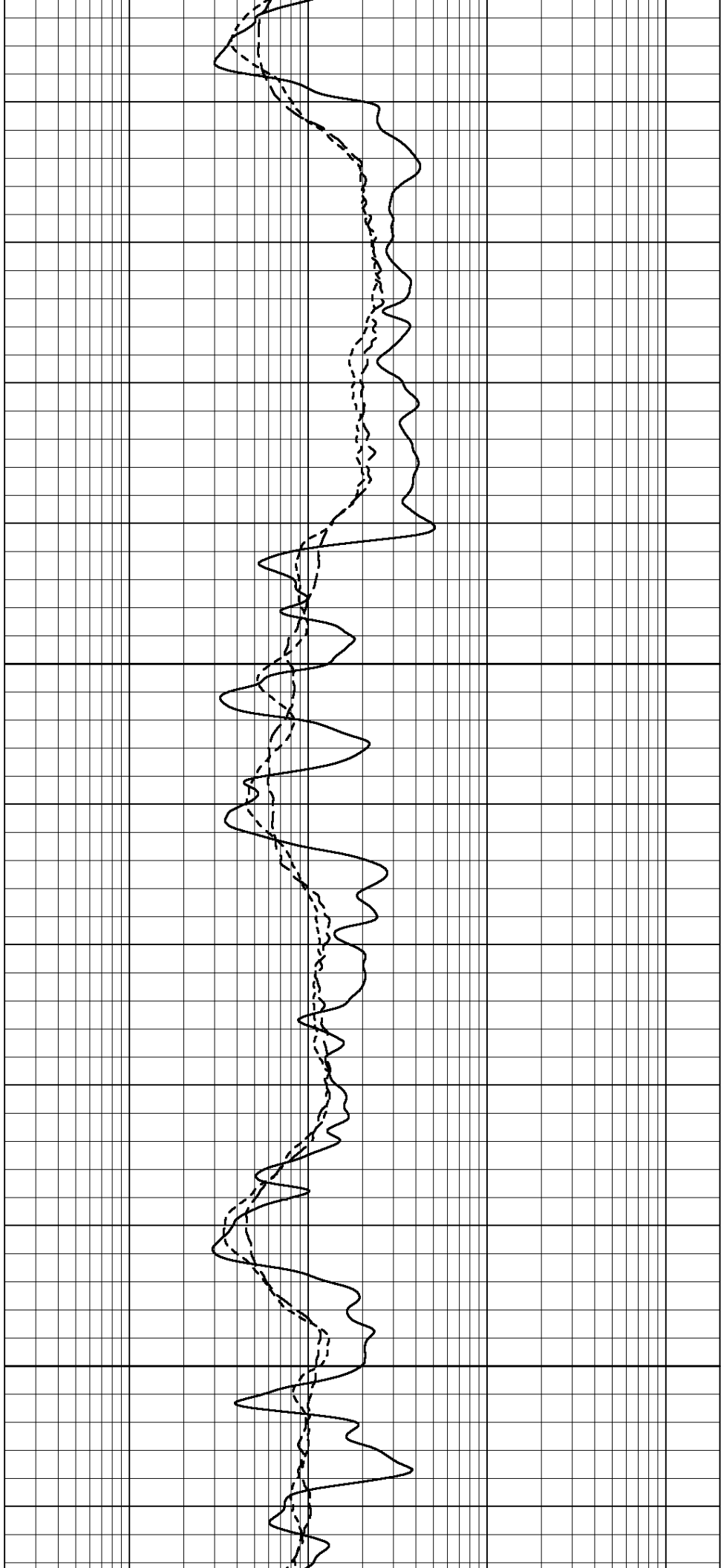






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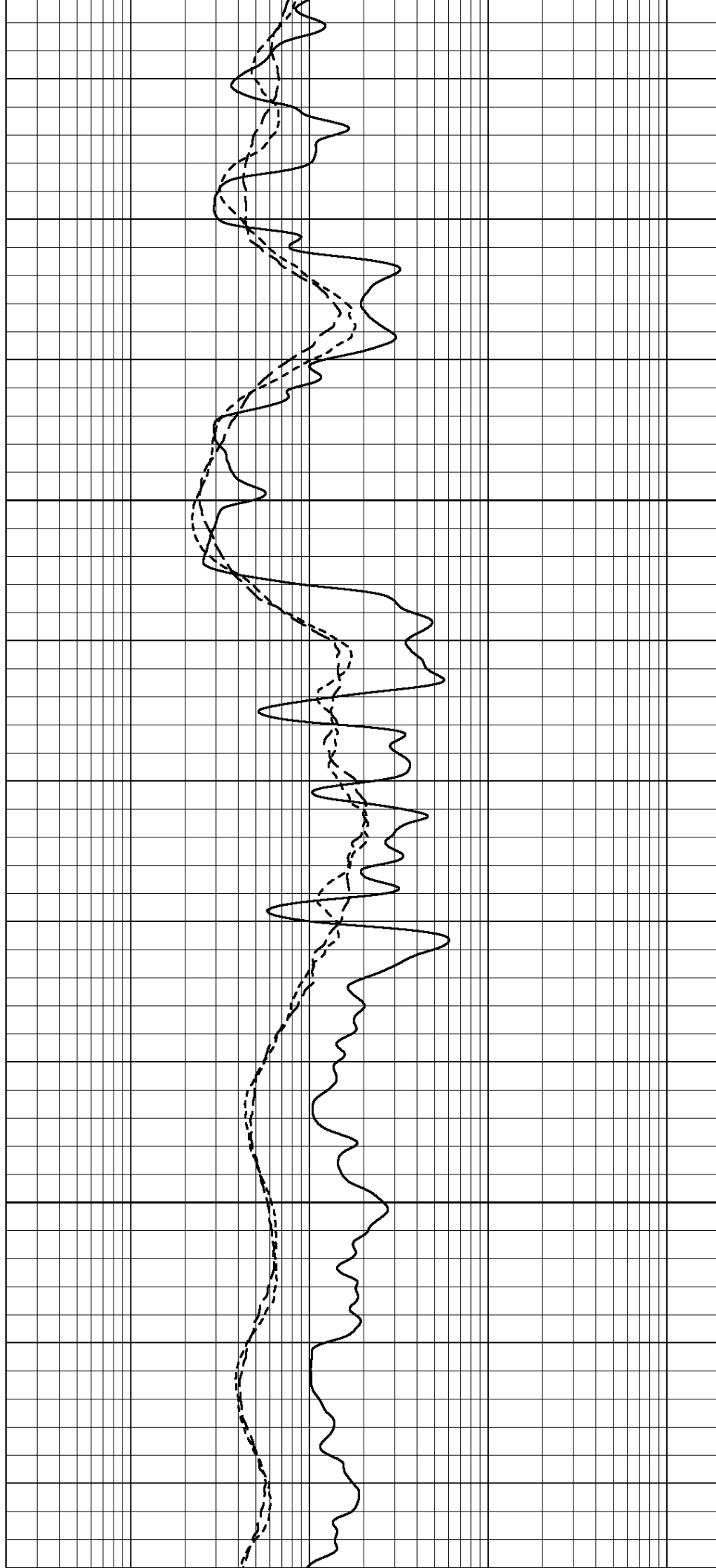
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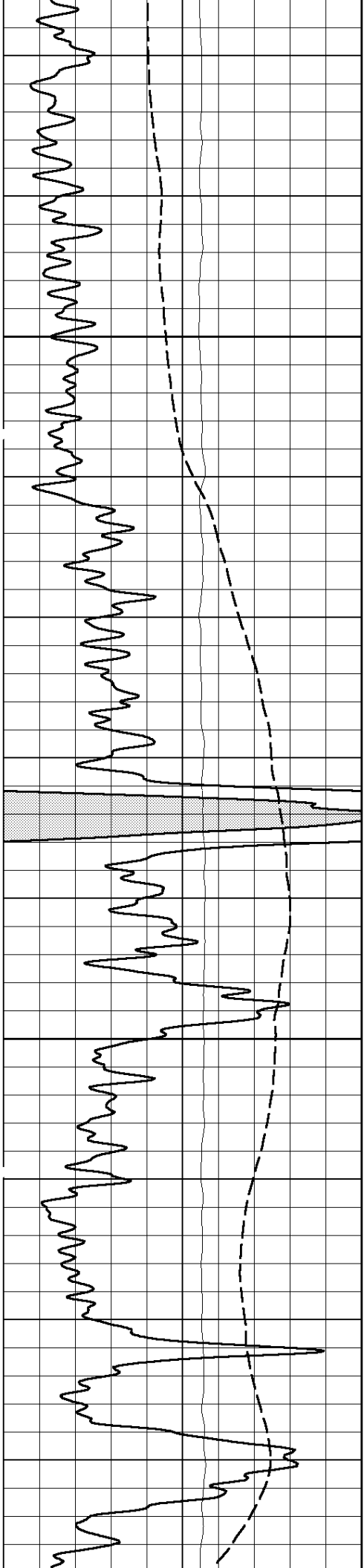




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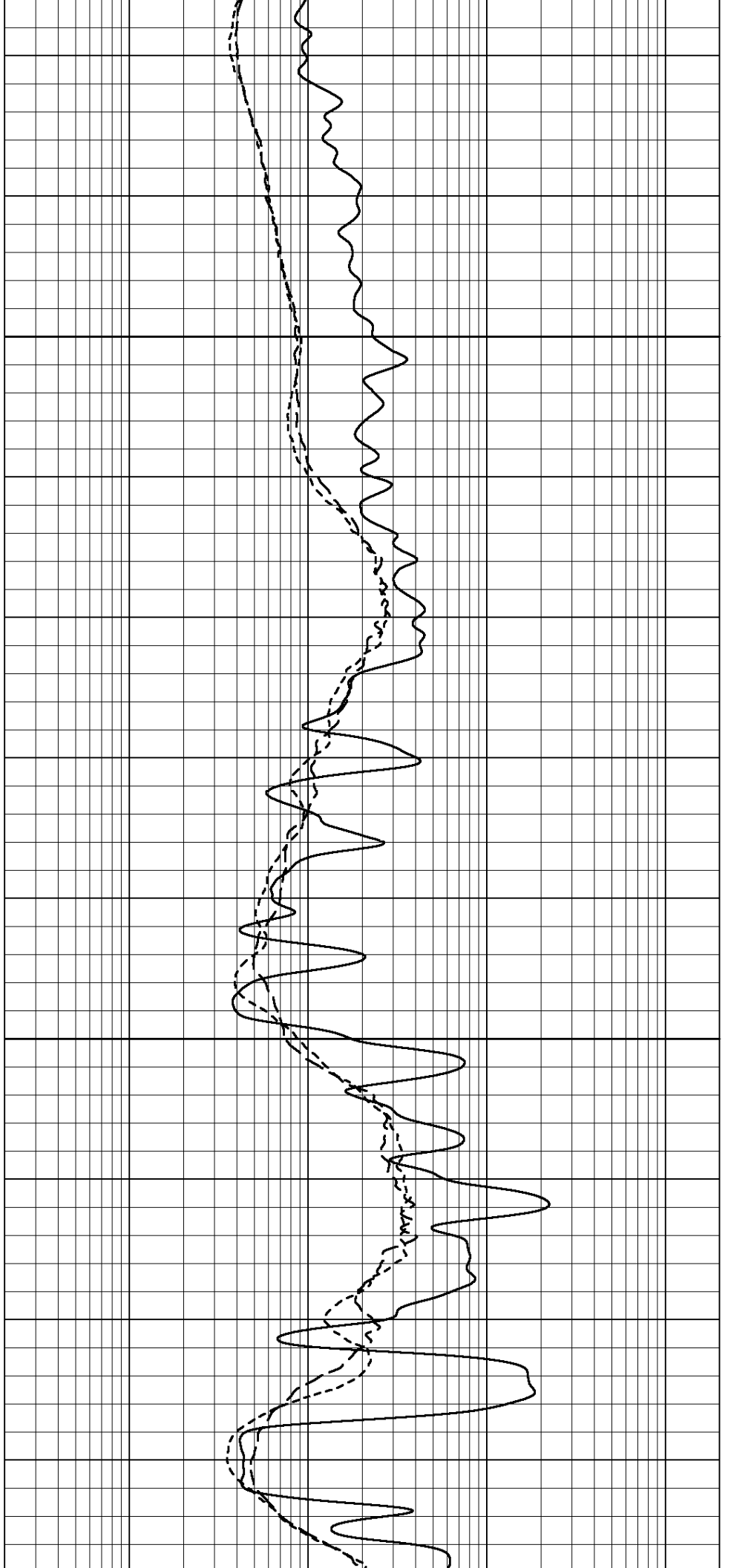
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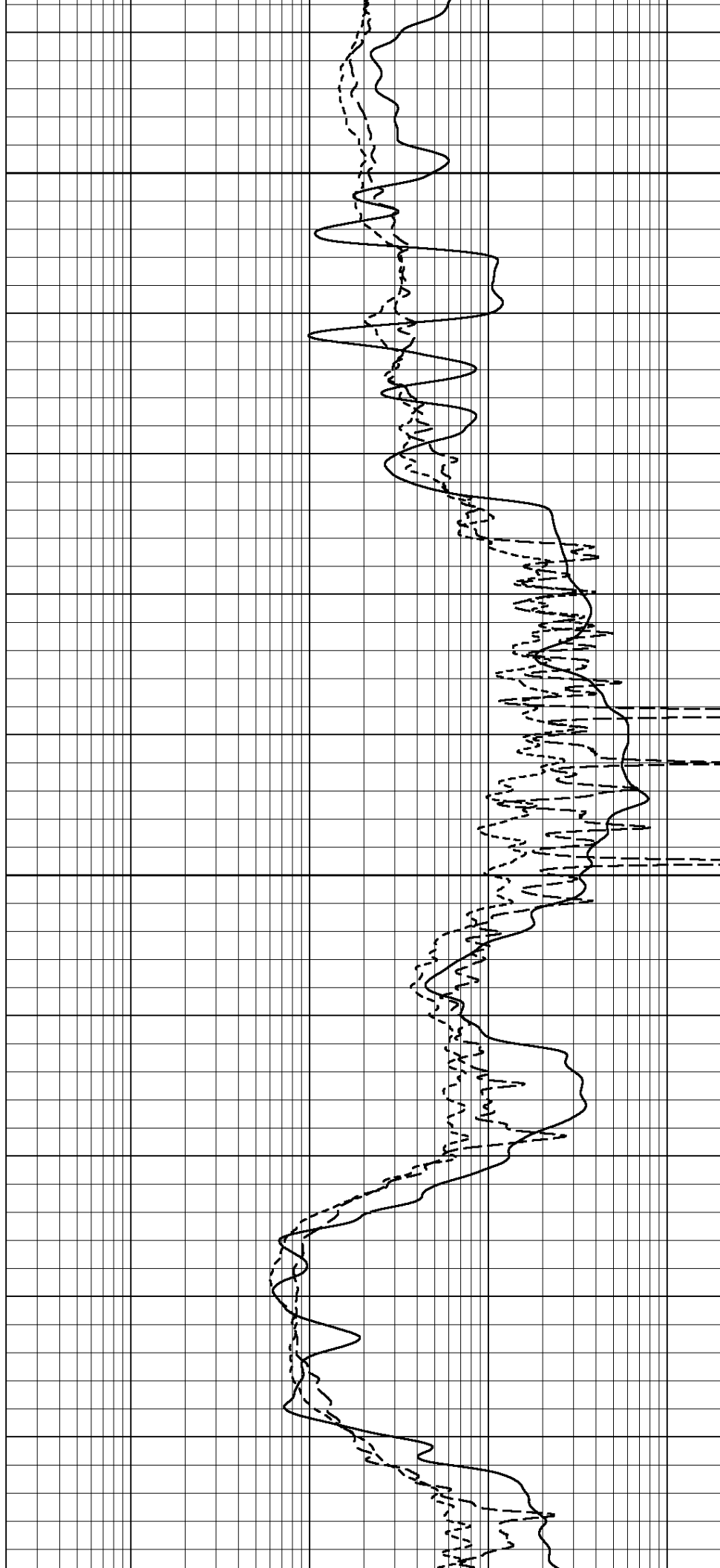
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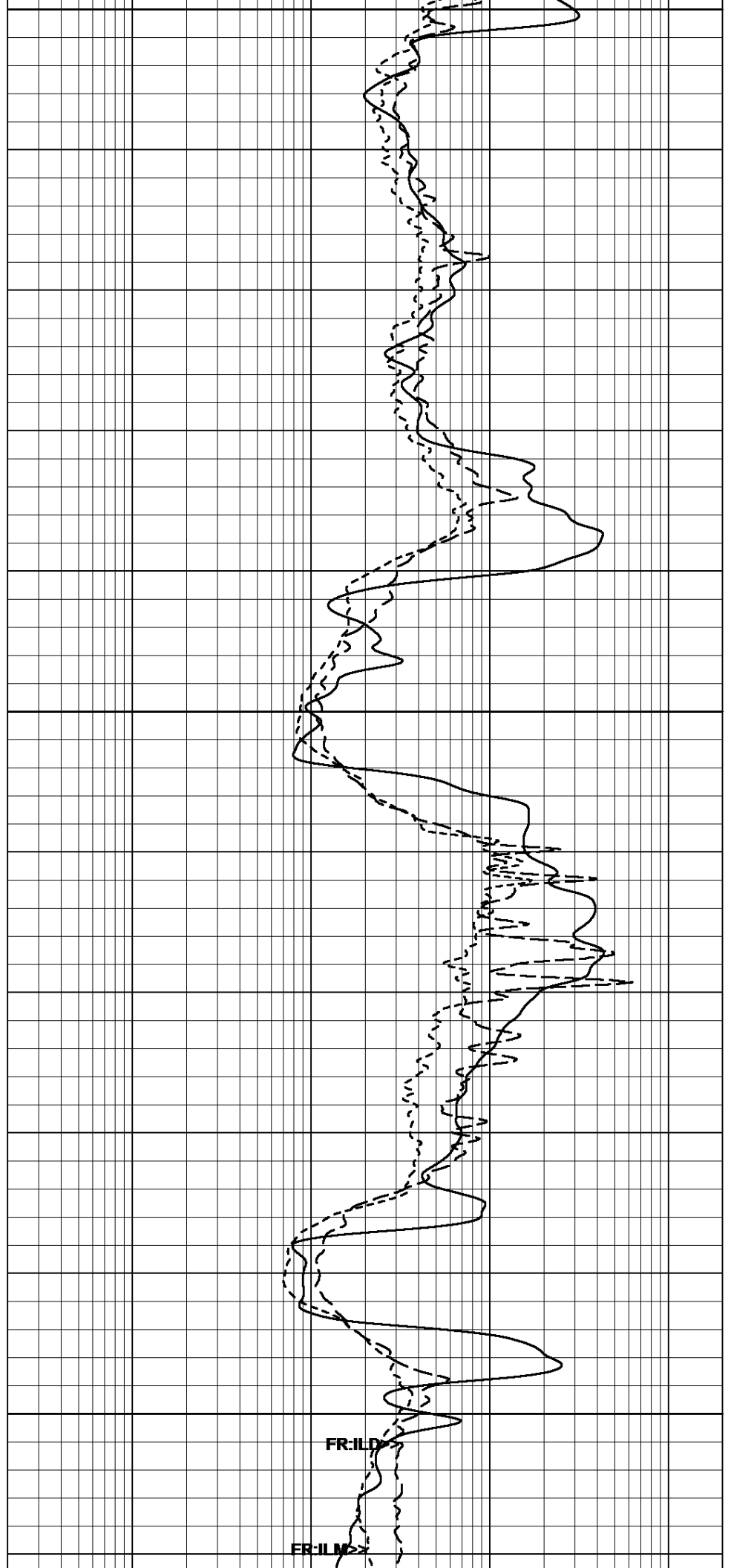
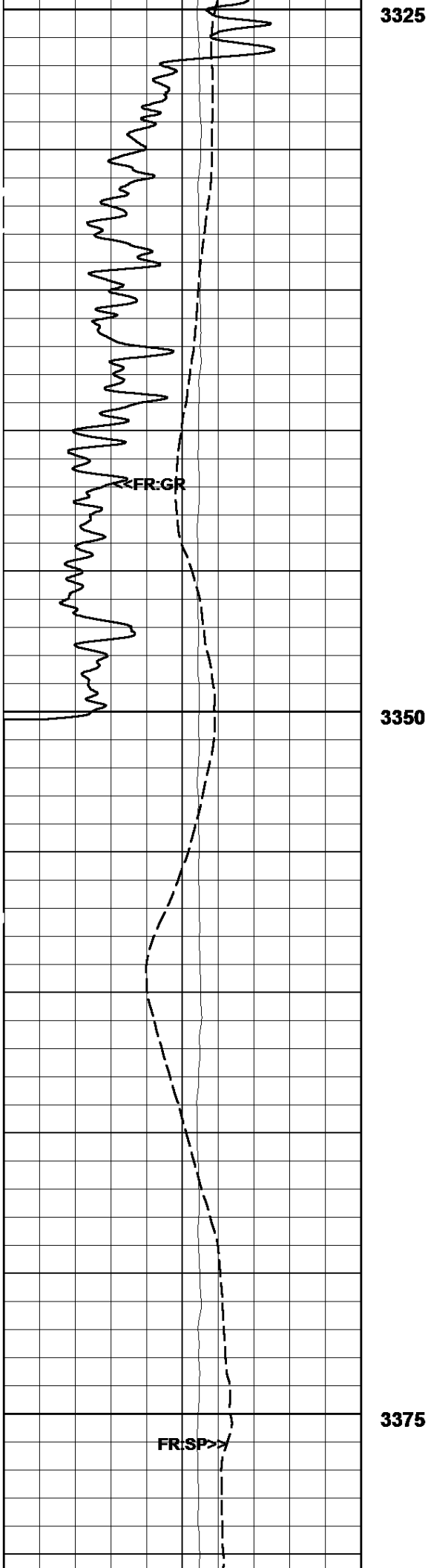


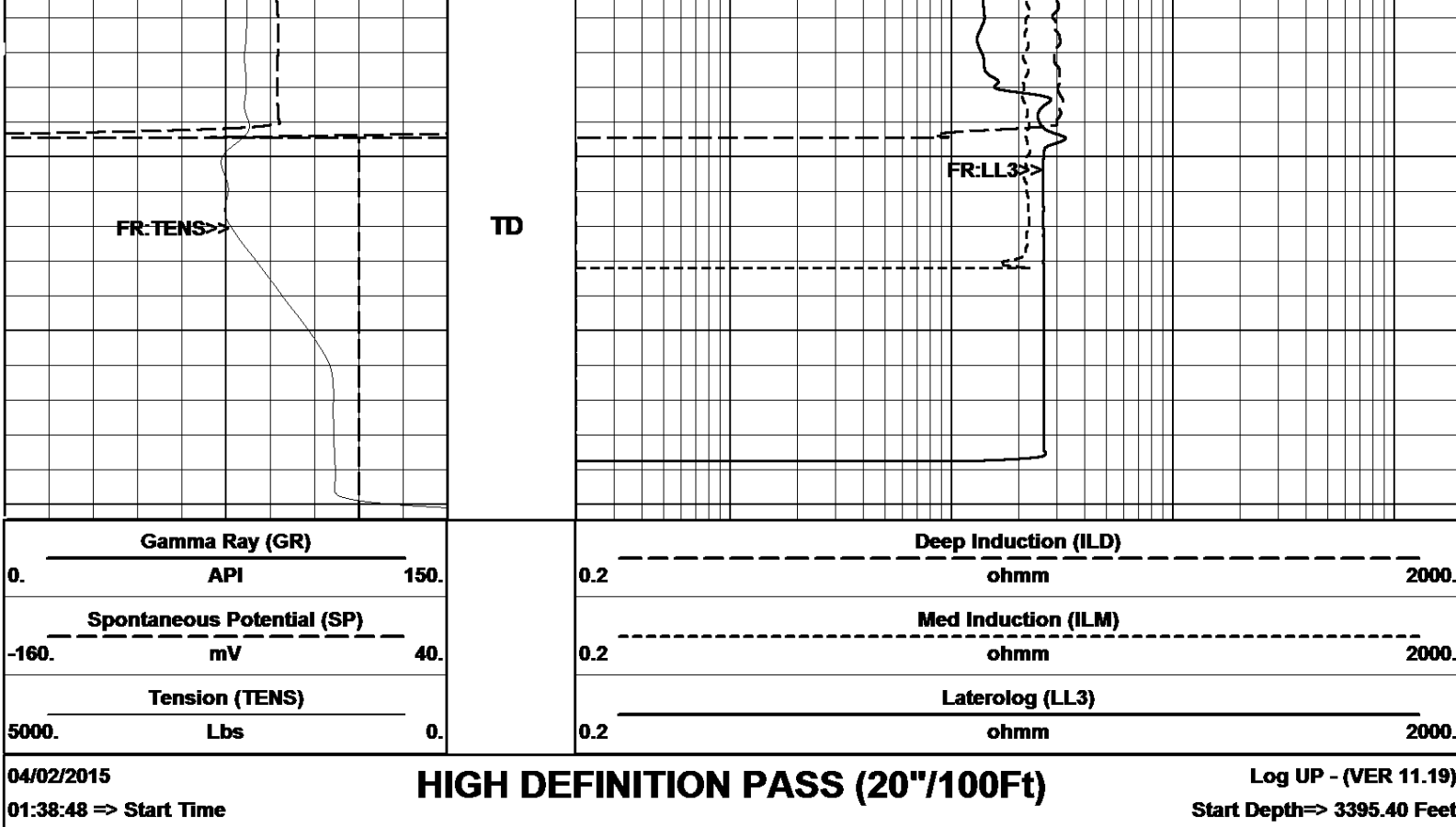


3275

3300







Induction Resistivity / Conductivity Calibrations

TOOL TYPE
SERIAL NUM

Slim Hole Induction
RD1009

LOOP TYPE
LOOP NUM

MASTER CALIBRATIONS

	OPEN LOOP(mmho)		CLOSED LOOP(mmho)		LOOP VERIFIER(mV)		CALIBRATION DATE	CALIBRATION TIME
	NO SKIN		NO SKIN	W/ SKIN	ZERO(mV)	SPAN(mV)		
DEEP INDUCTION	0.000		400.000	499.231	0.204	629.527	M/D/Y> 3/20/2015	H:M:S> 11:58:16
MED INDUCTION	0.000		462.500	501.895	2.976	708.077	M/D/Y> 3/20/2015	H:M:S> 12:22:12
SHALLOW LATERLOG	CALIBRATOR LOW(ohm)		CALIBRATOR HI(ohm)		LOW(mV)	HI(mV)	M/D/Y> 3/20/2015	H:M:S> 12:48:2
	2.000		500.000		8.925	2460.959		

WELL SITE CALIBRATIONS

GAMMA RAY CALIBRATION

SERIAL NUM

RG3007

BLANKET NUM

1A

MASTER CALIBRATIONS

	BackGrnd	CalVal: 175.000 API	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	29.340 - raw	207.814 - raw	0.981 - gain 0.000 - off	M/D/Y> 3/12/2015	H:M:S> 12:17:54

Company	CMX INCORPORATED
Well	CLAFLIN #1-34
Field	KRAFT-PRUSA
County	BARTON
State	KANSAS

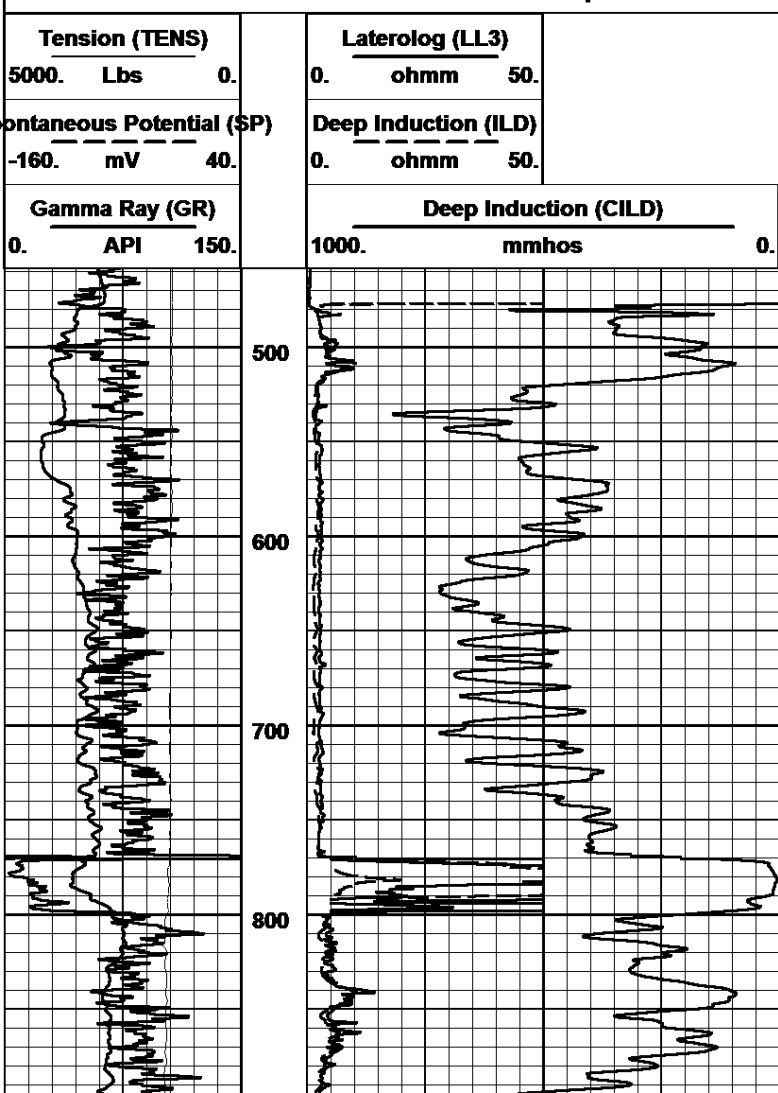
RECON

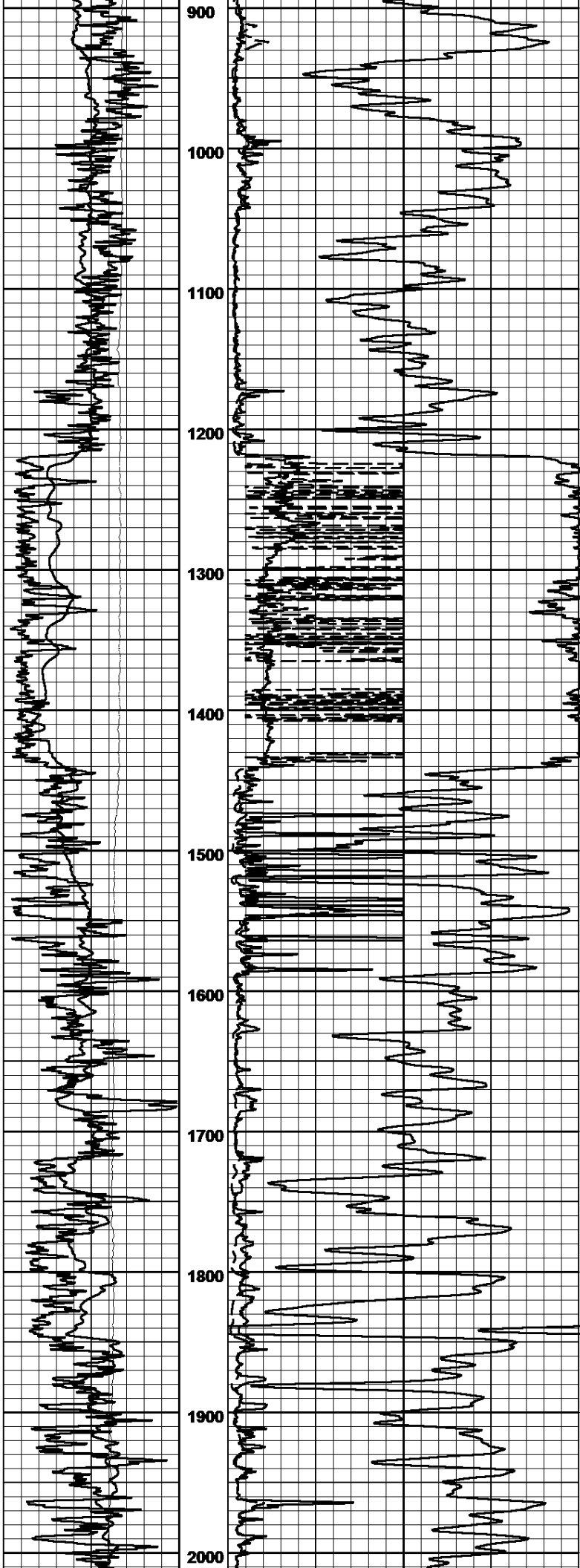
DUAL INDUCTION
LATEROLOG - SP
GAMMA RAY

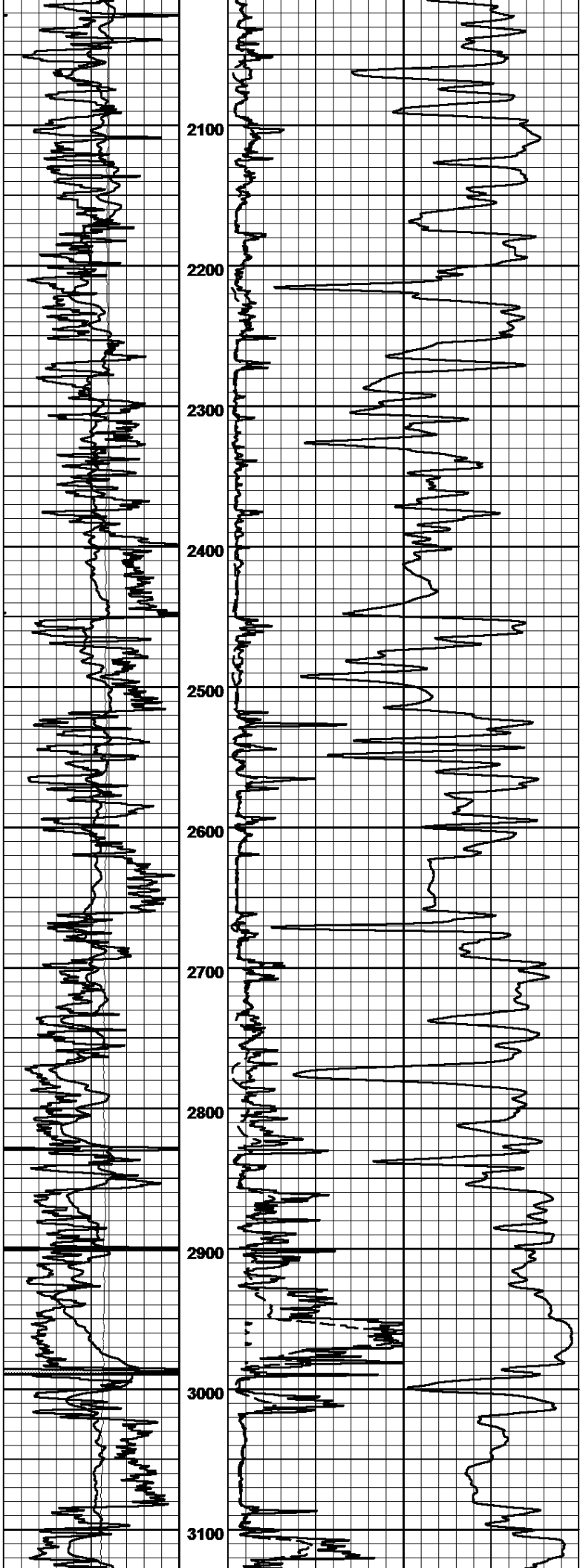
FIELD PRINT

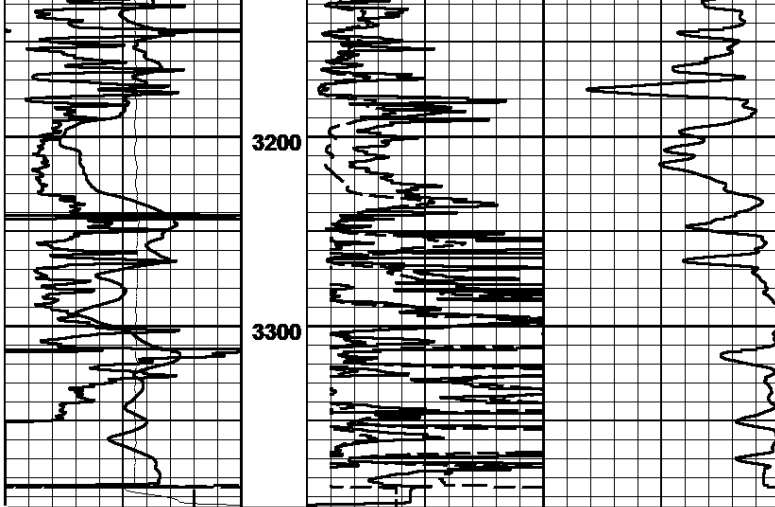
FIELD PRINT

04/02/2015 MAIN PASS (1"/100FT) Log UP - (VER 11.19)
04:22:02 => End Time End Depth=> 459.50 Feet









Gamma Ray (GR) 0. API 150.	Deep Induction (CILD) 1000. mmhos 0.	
Spontaneous Potential (SP) -160. mV 40.	Deep Induction (ILD) 0. ohmm 50.	
Tension (TENS) 5000. Lbs 0.	Laterolog (LL3) 0. ohmm 50.	

04/02/2015	MAIN PASS (1"/100FT) Log UP - (VER 11.19)
02:53:17 => Start Time	Start Depth=> 3395.50 Feet