

ALL PRESENTATION PER CUSTOMER REQUEST
 GRT,CNT,LDT,PIT RUN IN COMBINATION
 CALIPERS ORIENTED ON X-Y AXIS
 2.71 G/CC USED TO CALCULATE POROSITY
 ANNULAR & BOREHOLE VOLUME CALCULATED USING 5.5 PRODUCTION CASING
 PHIN IS CALIPER CORRECTED
 DETAIL IS PRESENTED FROM TD TO 3500'
 ANHYDRITE SECTION FROM 1128' TO SCG
 SALT DOME FROM 1960' TO 1550'

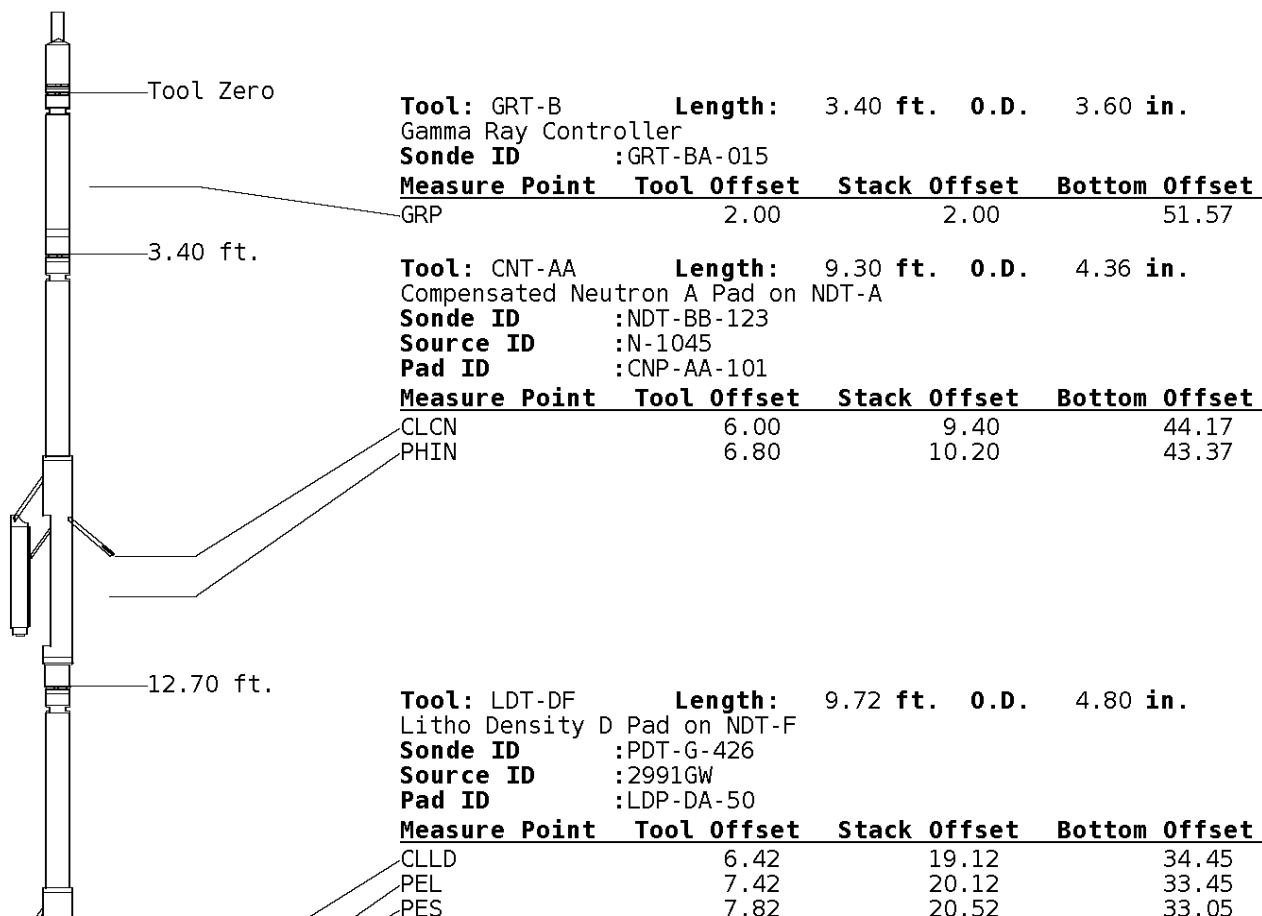
GRT; GRP,
 CNT; PHIN, CLCNIN
 LDT; PORL, LCORN, PECLN, LDENN, CLLDIN
 MLT; NOR.RF, INV.RF, MSCLPIN.
 PIT; ILD, ILM, SPU, SFLAEC, CIRD

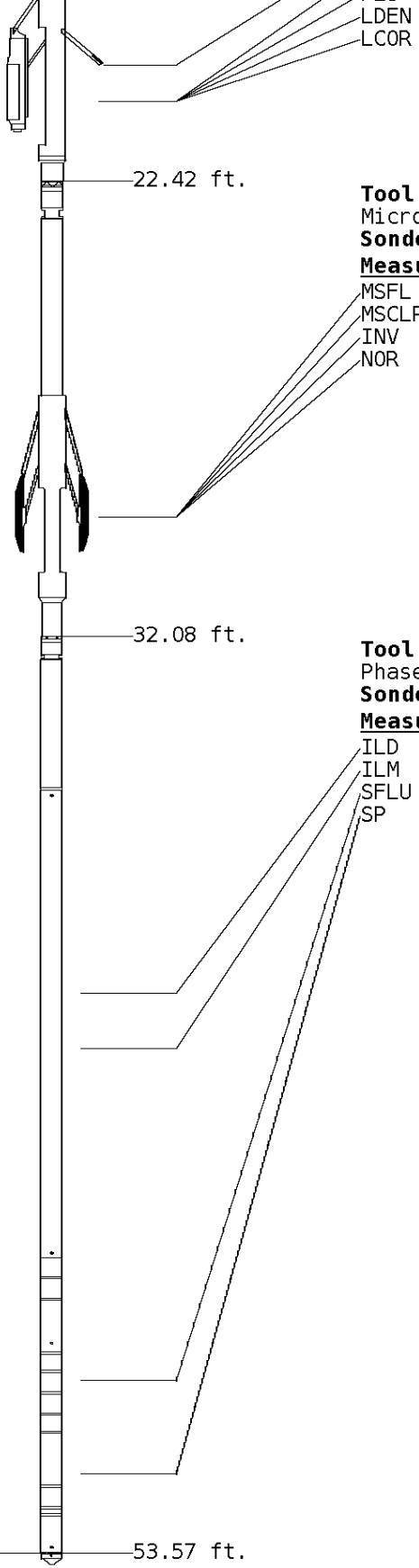
OPERATORS;

C. GONZALES
 J. KLINE

Tool String Schematic

Total Tool Length - 53.57 ft.
Maximum Outside diameter - 6.00 in.
Net Weight in Air - 943.00 lbs.





LDEN	7.62	20.32	33.25
LCOR	7.62	20.32	33.25

Tool: MST-DA **Length:** 9.66 ft. **O.D.** 6.00 in.
 Micro Spherically Focused (IC)
Sonde ID :MST-DA-32

Measure Point	Tool Offset	Stack Offset	Bottom Offset
MSFL	7.60	30.02	23.55
MSCLP	7.60	30.02	23.55
INV	7.60	30.02	23.55
NOR	7.60	30.02	23.55

Tool: PIT-CA **Length:** 21.49 ft. **O.D.** 3.62 in.
 Phased Dual Induction w/ RM & D
Sonde ID :PIT-CA-075

Measure Point	Tool Offset	Stack Offset	Bottom Offset
ILD	8.92	41.00	12.56
ILM	10.10	42.18	11.39
SFLU	17.49	49.57	4.00
SP	20.60	52.68	0.88

Well File: pro-ro-e-3-mar-21 **Scale:** 1:600 **Format:** DIL-600
Segment: V1.D1.S6 MAIN **Acquired:** 2015-03/21 02:48 3.4.0-13477
Reference: 0 **Processed:** 2015-03/21 04:12 3.4.0-13477

TENSION	
LBS	
10000	0

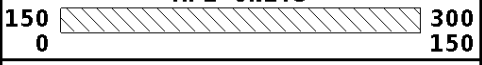
DEEP INDUCTION	
OHMM	
0.0	500.0
0.0	50.0

SPONTANEOUS POTENTIAL	
mV	

SHALLOW FOCUSED RESISTIVITY	
OHMM	
0.0	500.0

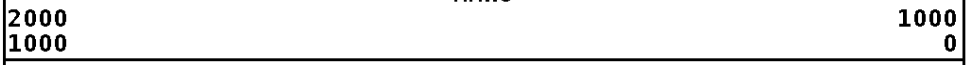
→ ← 30

GAMMA RAY
API UNITS



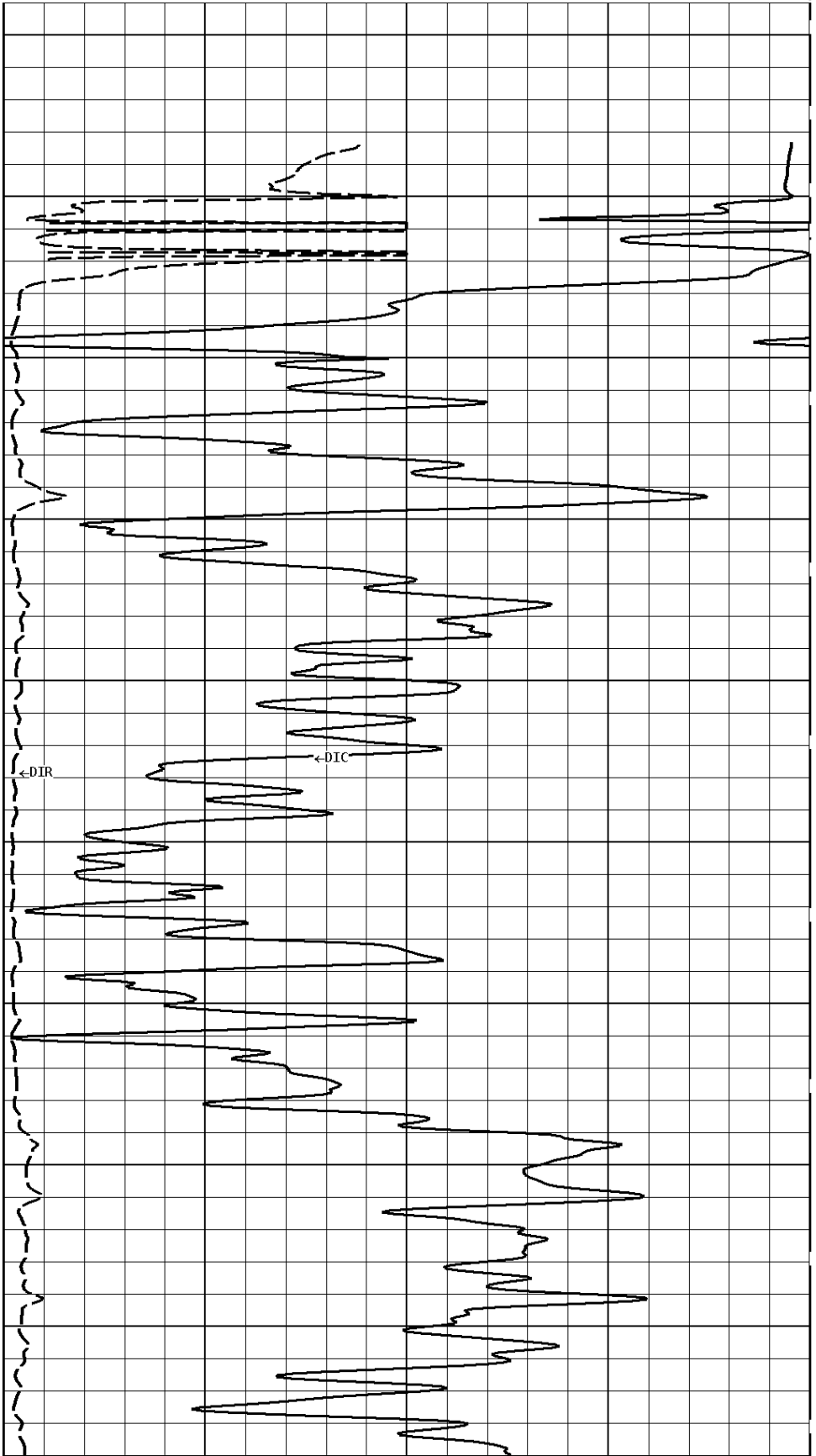
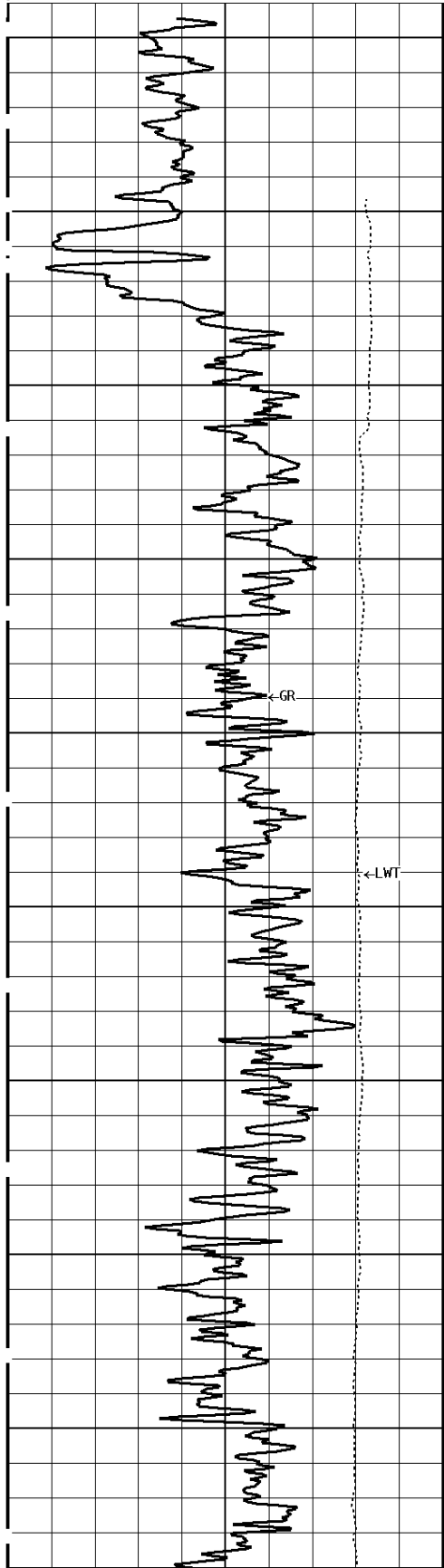
0.0 500.0
0.0 50.0

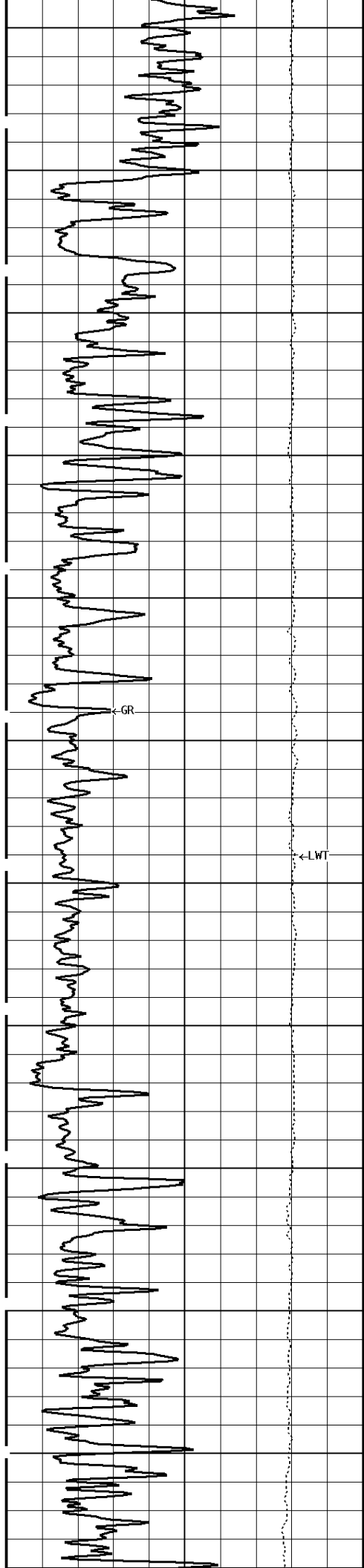
DEEP CONDUCTIVITY
MMHO



1:600 MAIN SECTION

File #1.1.6





1500

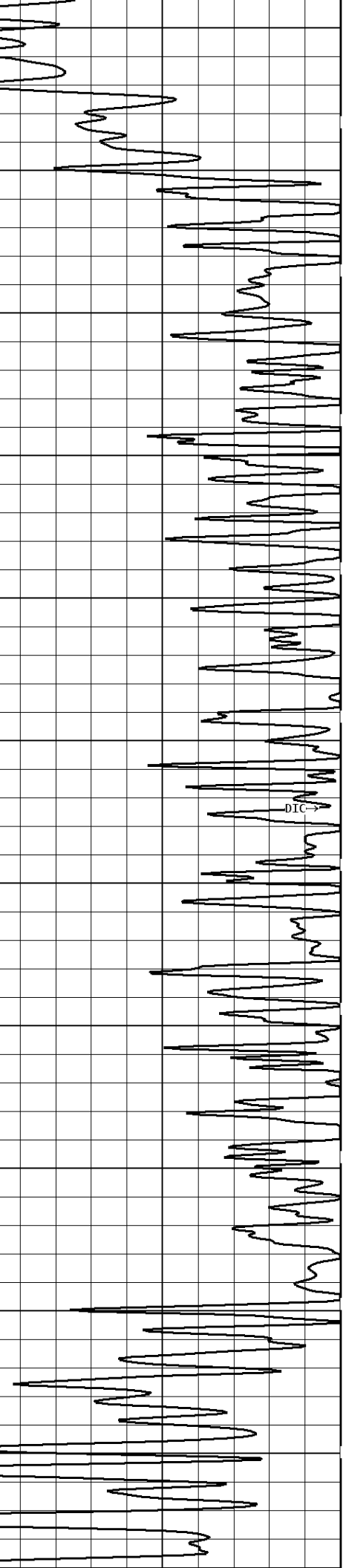
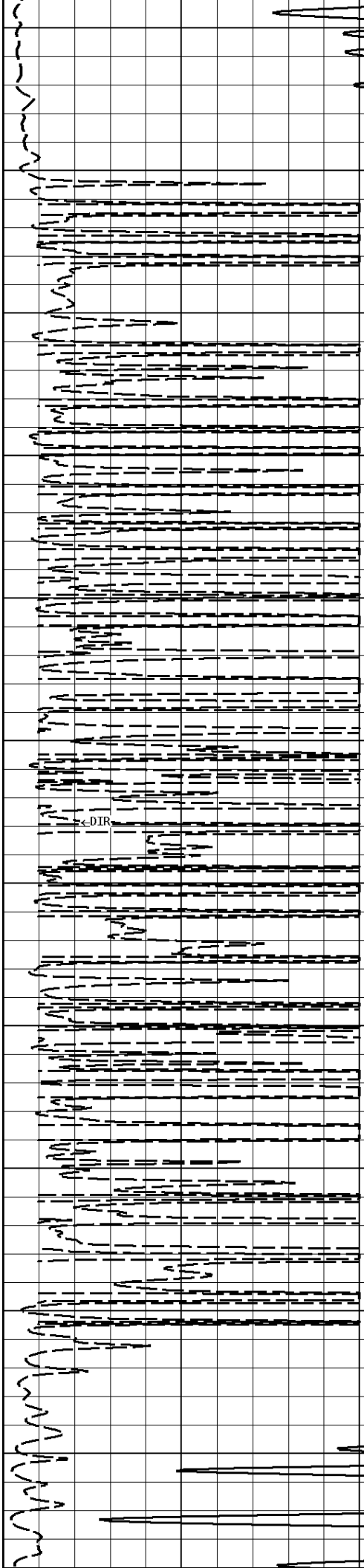
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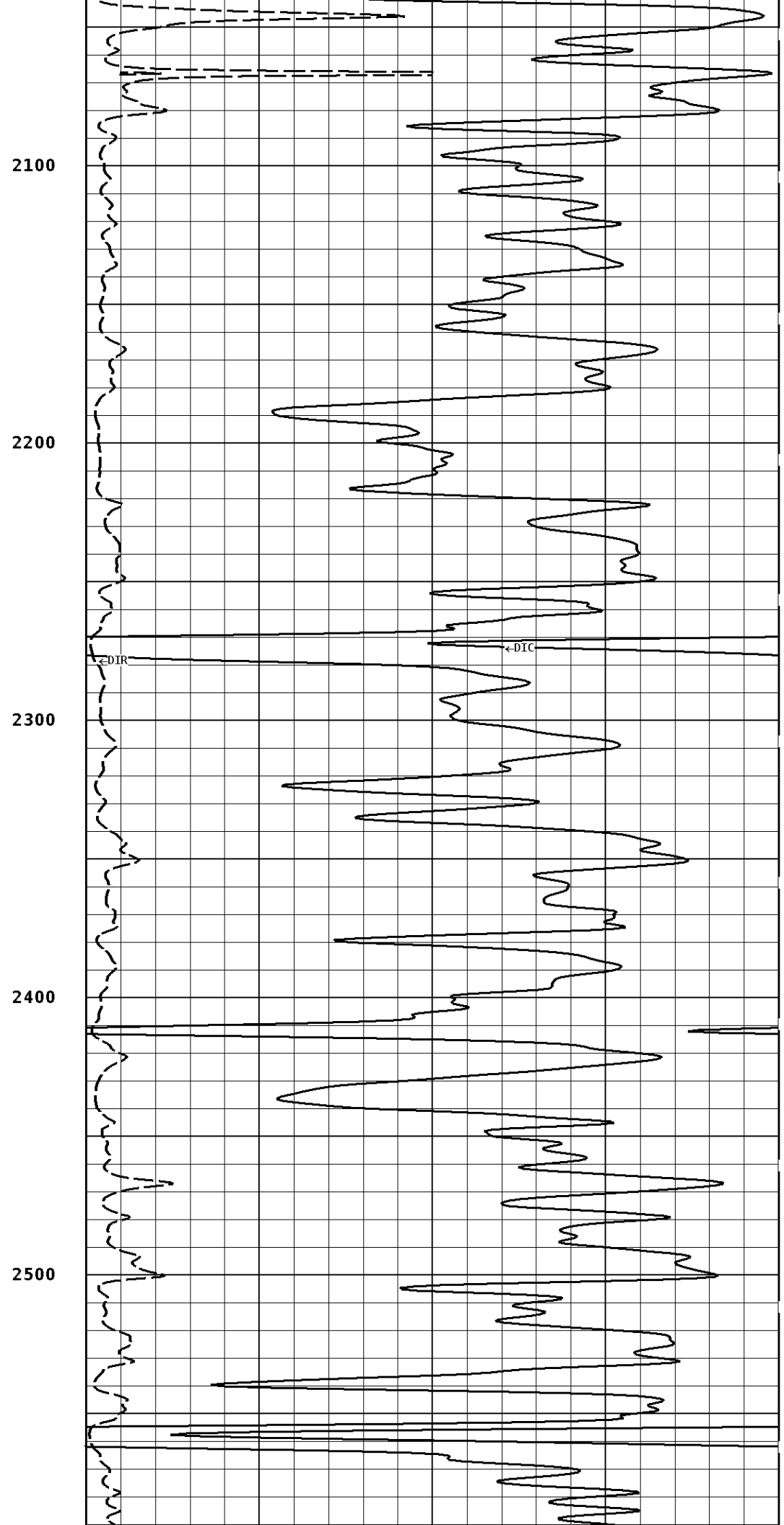
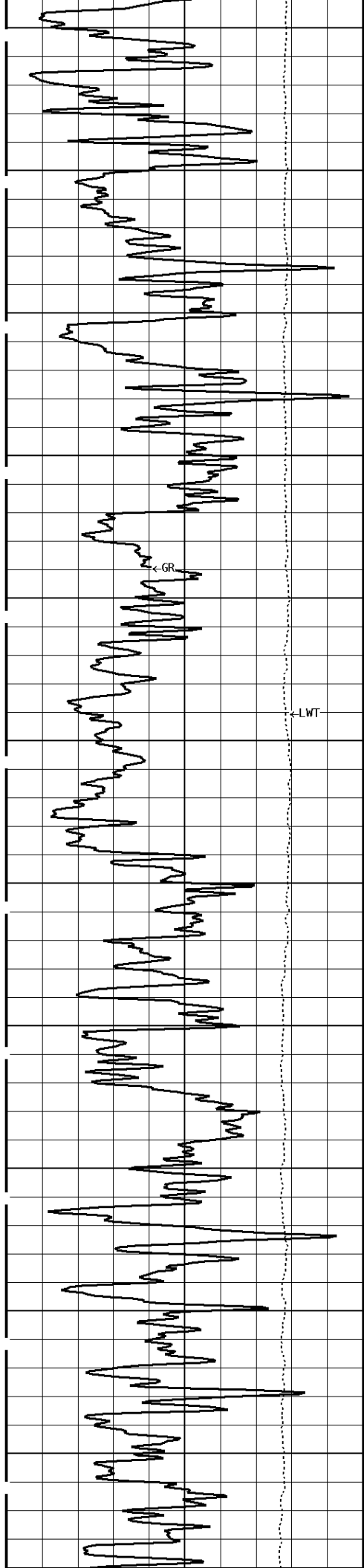
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1800

1900

2000





2600

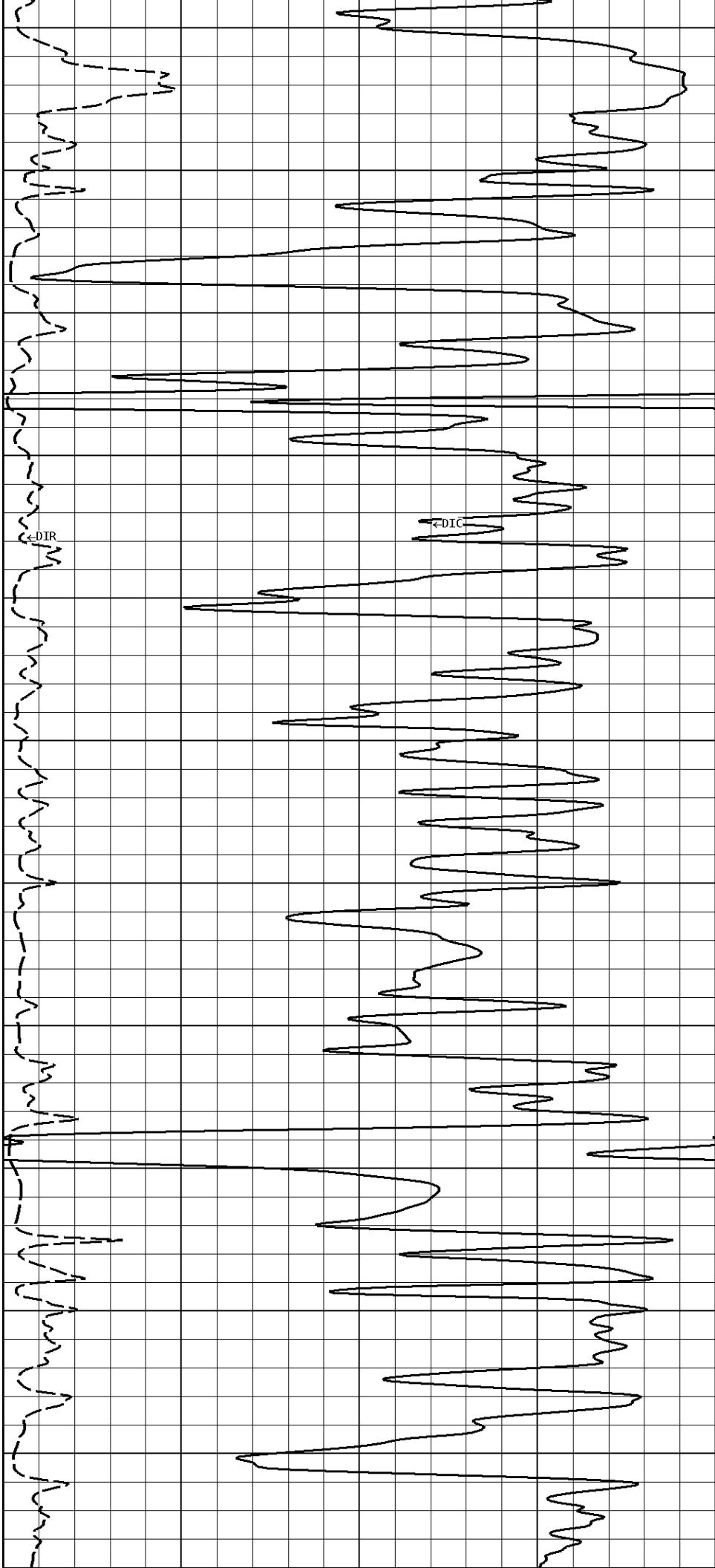
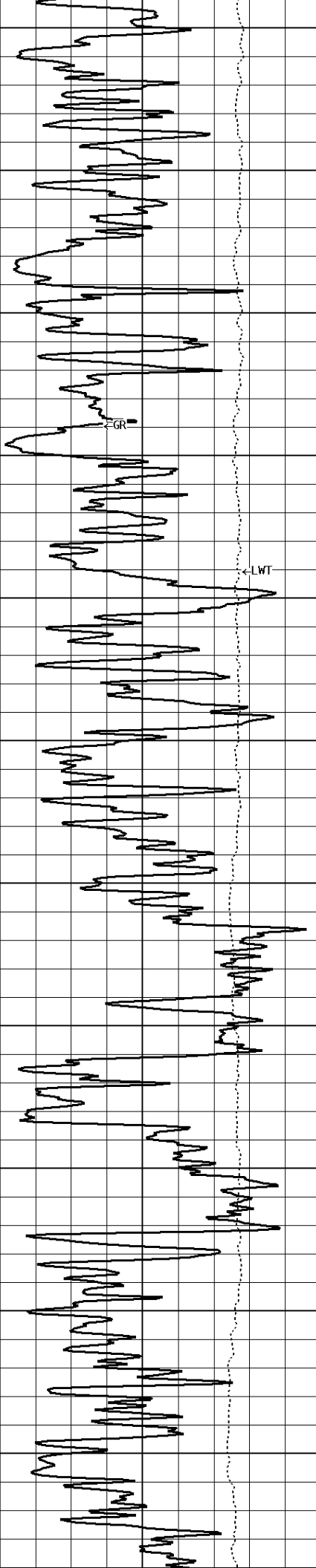
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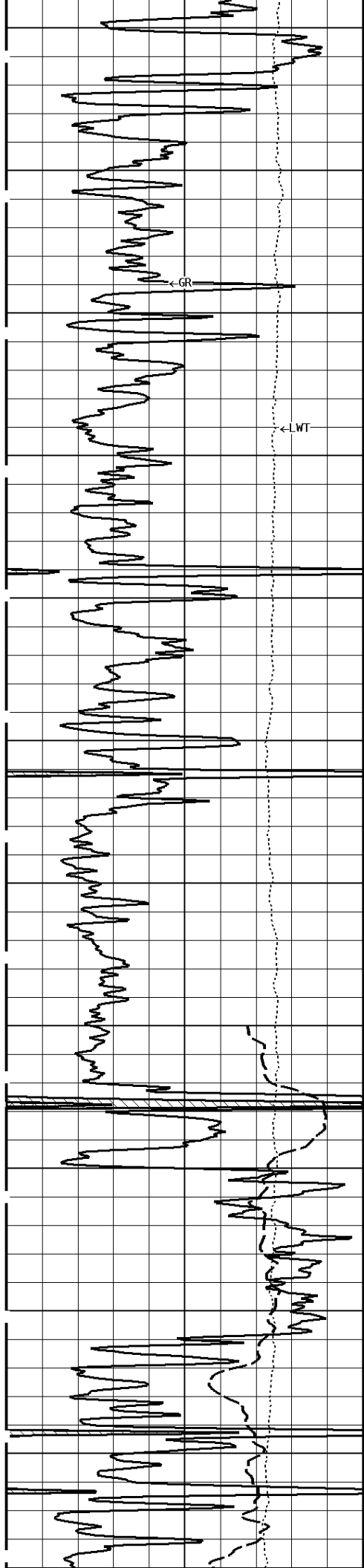
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2900

3000

3100





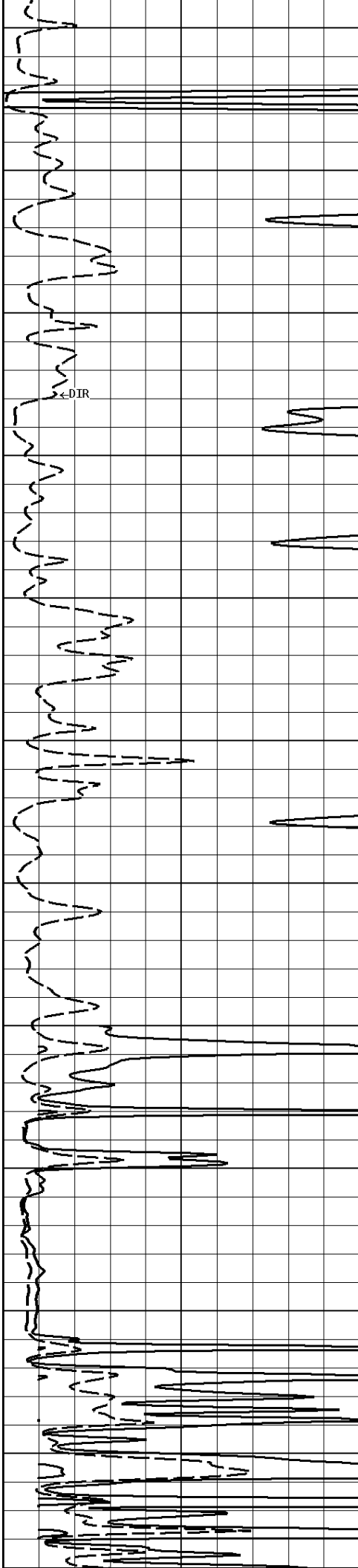
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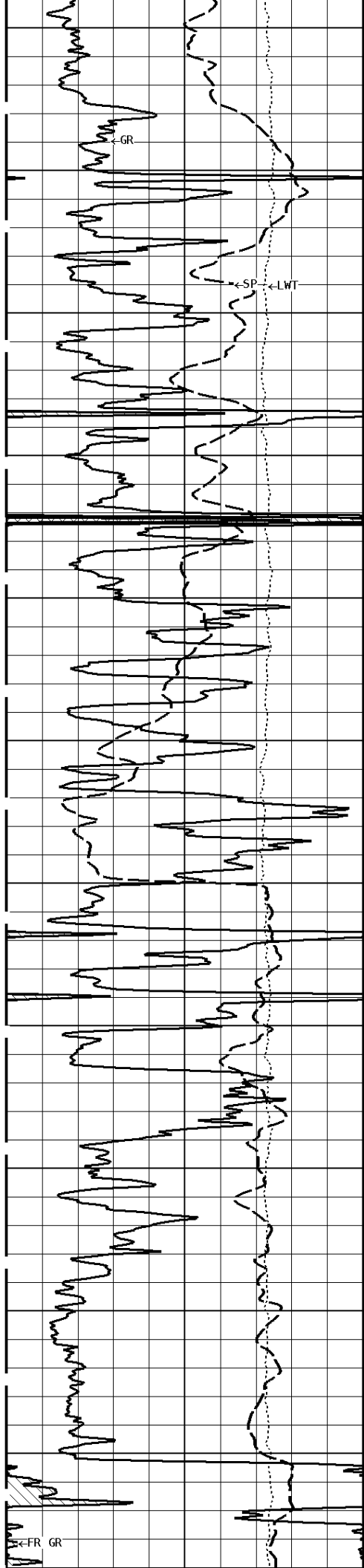
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3600



←DIC

←DIR



3700

3800

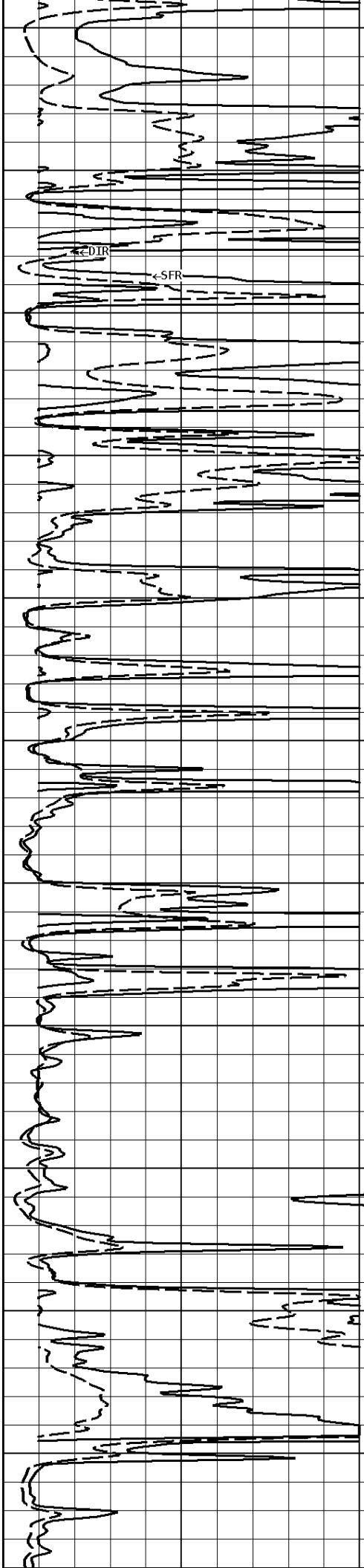
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4000

4100

4200

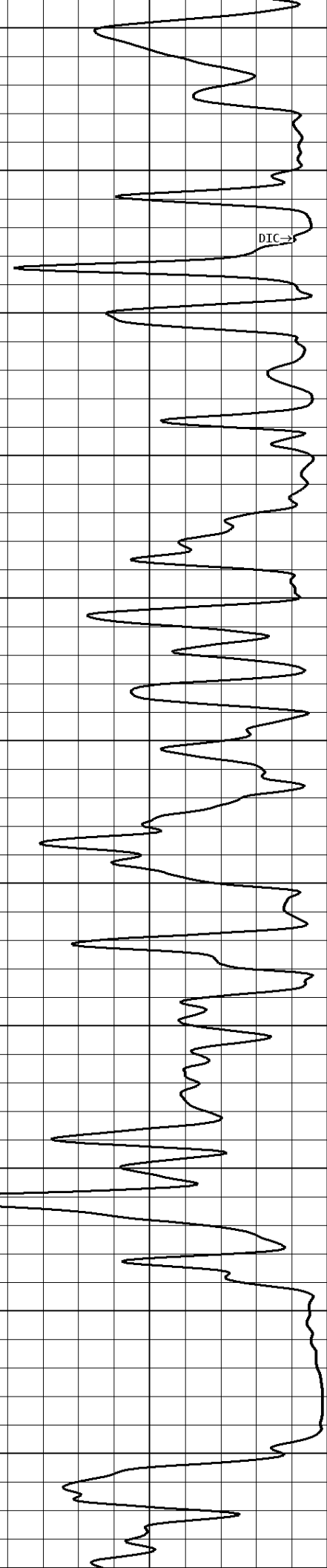
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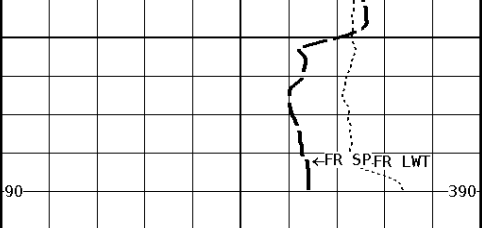


DIR

SFR

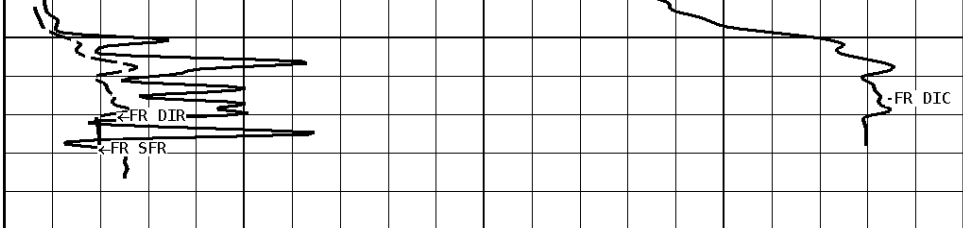
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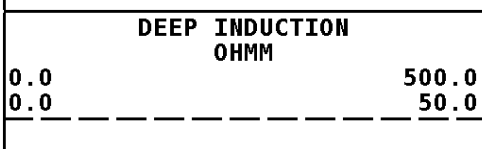
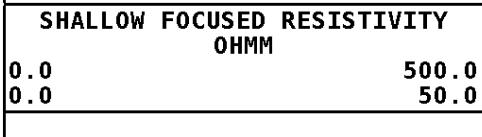
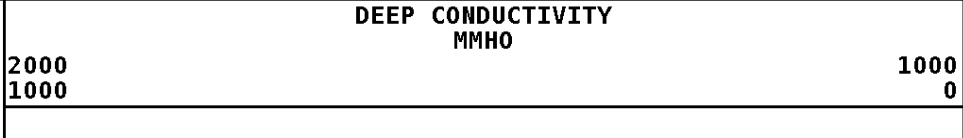
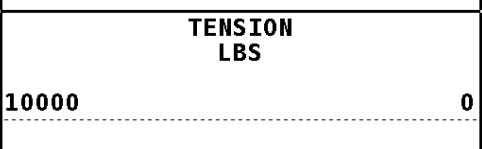
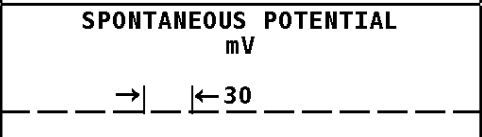
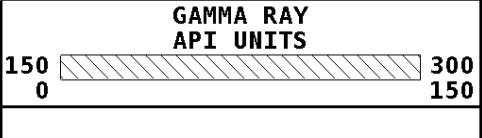


File #1.1.6

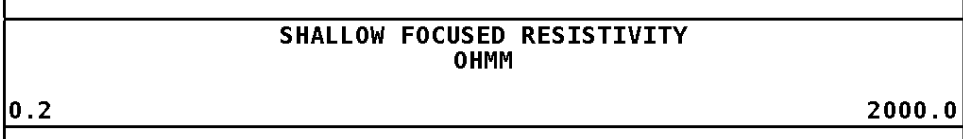
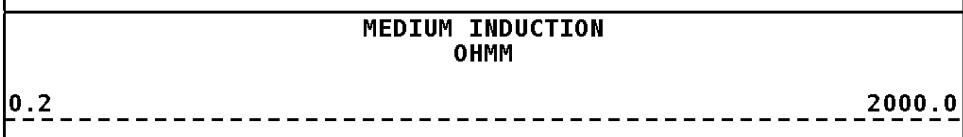
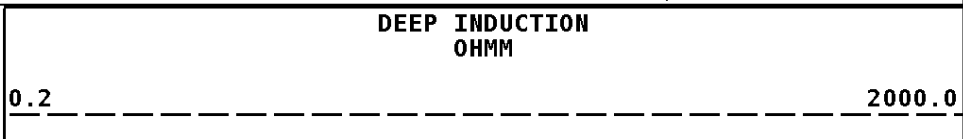
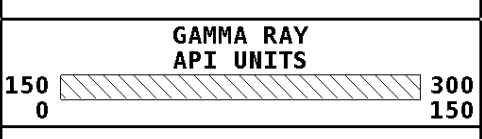
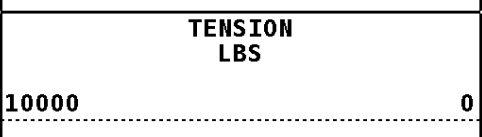
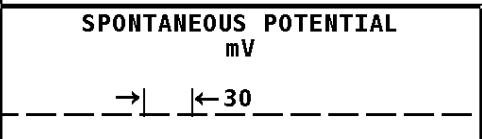
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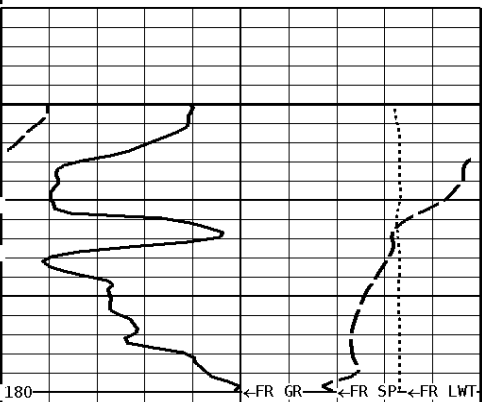
1:600 MAIN SECTION



Well File: pro-ro-e-3-mar-21 Scale: 1:240 Format: DIL-240
 Segment: V1.D1.S6 MAIN Acquired: 2015-03/21 02:48 3.4.0-13477
 Reference: 0 Processed: 2015-03/21 04:12 3.4.0-13477



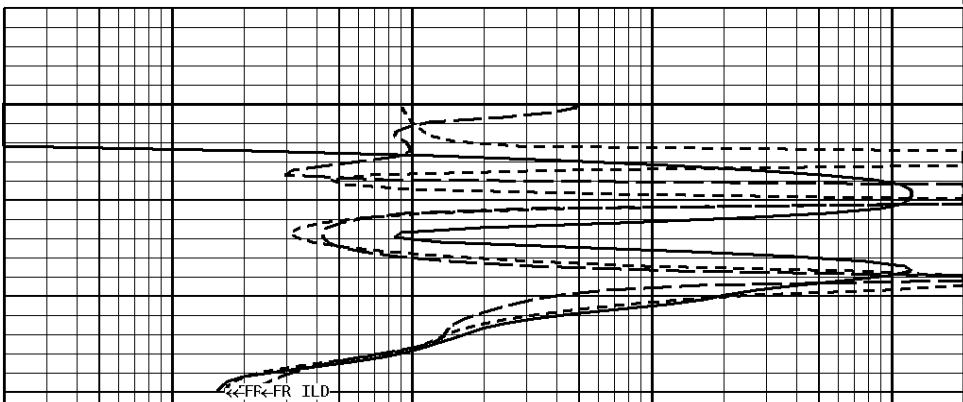
ANHYDRITE SECTION



File #1.1.6

1100

1130



File #1.1.6

ANHYDRITE SECTION

<p style="text-align: center;">GAMMA RAY API UNITS</p> <p>150 300 0 150</p> <hr/> <p style="text-align: center;">TENSION LBS</p> <p>10000 0</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">SPONTANEOUS POTENTIAL mV</p> <p style="text-align: center;">→ ← 30</p>	<p style="text-align: center;">SHALLOW FOCUSED RESISTIVITY OHMM</p> <p>0.2 2000.0</p> <hr/> <p style="text-align: center;">MEDIUM INDUCTION OHMM</p> <p>0.2 2000.0</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">DEEP INDUCTION OHMM</p> <p>0.2 2000.0</p>
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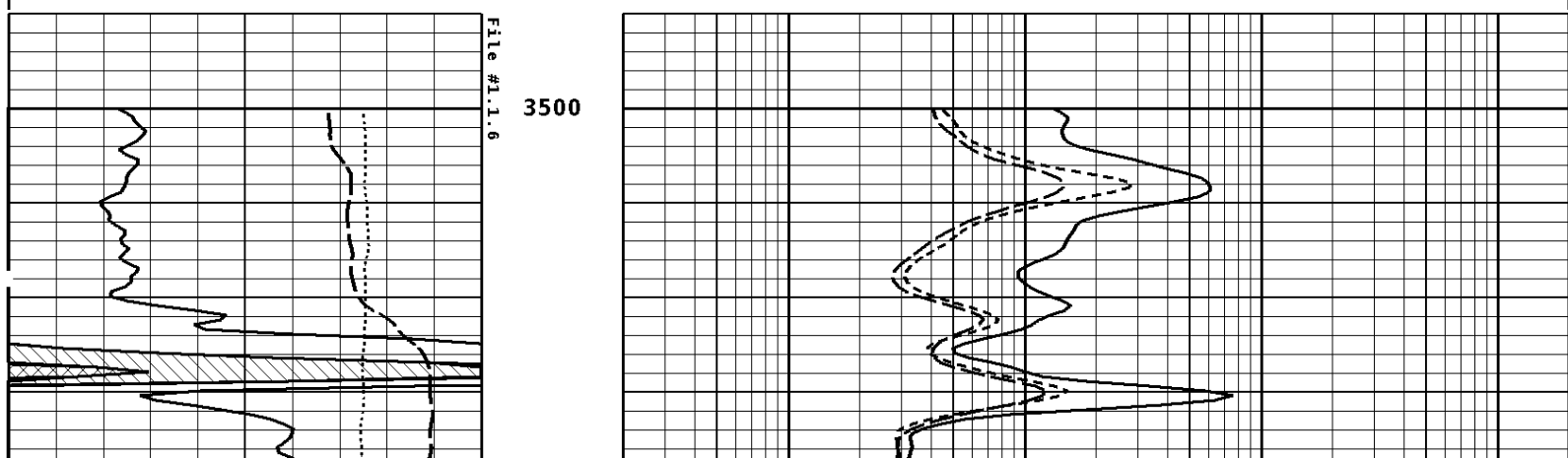
* Borehole Zone Factors *

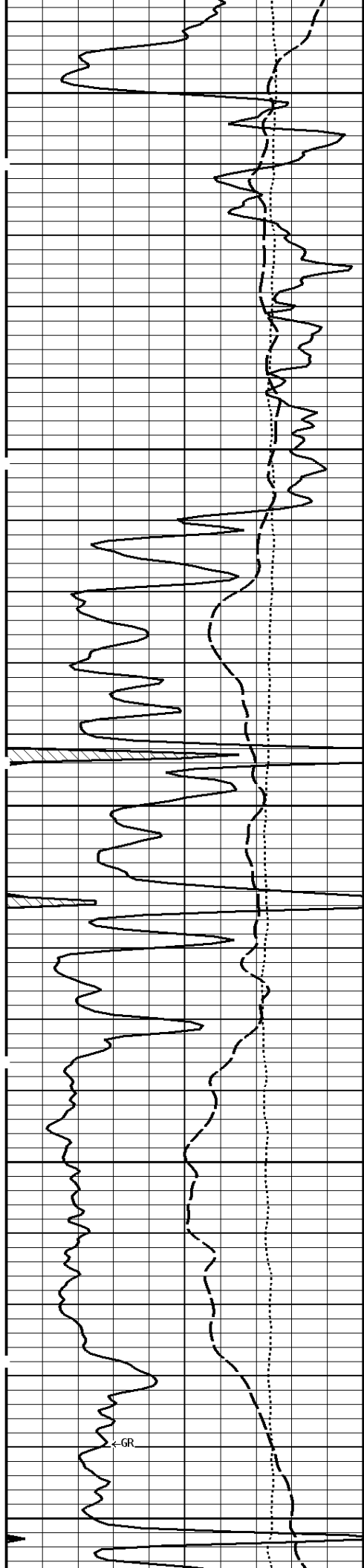
Zone 1 99999.0 to 0.0 Feet	
Drill Bit Size _____	7.875 in
Casing Diameter _____	5.500 in
BHT Depth _____	4284.000 ft
Borehole Temperature _____	110.0 degF
Temperature Gradient _____	1.00 DFHF
Resistivity Of Mud _____	0.500 ohm/m
Standoff _____	1.5
Resistivity Of Mud Temperature _____	60.00 degF

Well File: pro-roe-3-mar-21	Scale: 1:240	Format: DIL-240
Segment: V1.D1.S6 MAIN	Acquired: 2015-03/21 02:48 3.4.0-13477	
Reference: 0	Processed: 2015-03/21 04:12 3.4.0-13477	

<p style="text-align: center;">SPONTANEOUS POTENTIAL mV</p> <p style="text-align: center;">→ ← 30</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">TENSION LBS</p> <p>10000 0</p> <hr/> <p style="text-align: center;">GAMMA RAY API UNITS</p> <p>150 300 0 150</p>	<p style="text-align: center;">DEEP INDUCTION OHMM</p> <p>0.2 2000.0</p> <hr/> <p style="text-align: center;">MEDIUM INDUCTION OHMM</p> <p>0.2 2000.0</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">SHALLOW FOCUSED RESISTIVITY OHMM</p> <p>0.2 2000.0</p>
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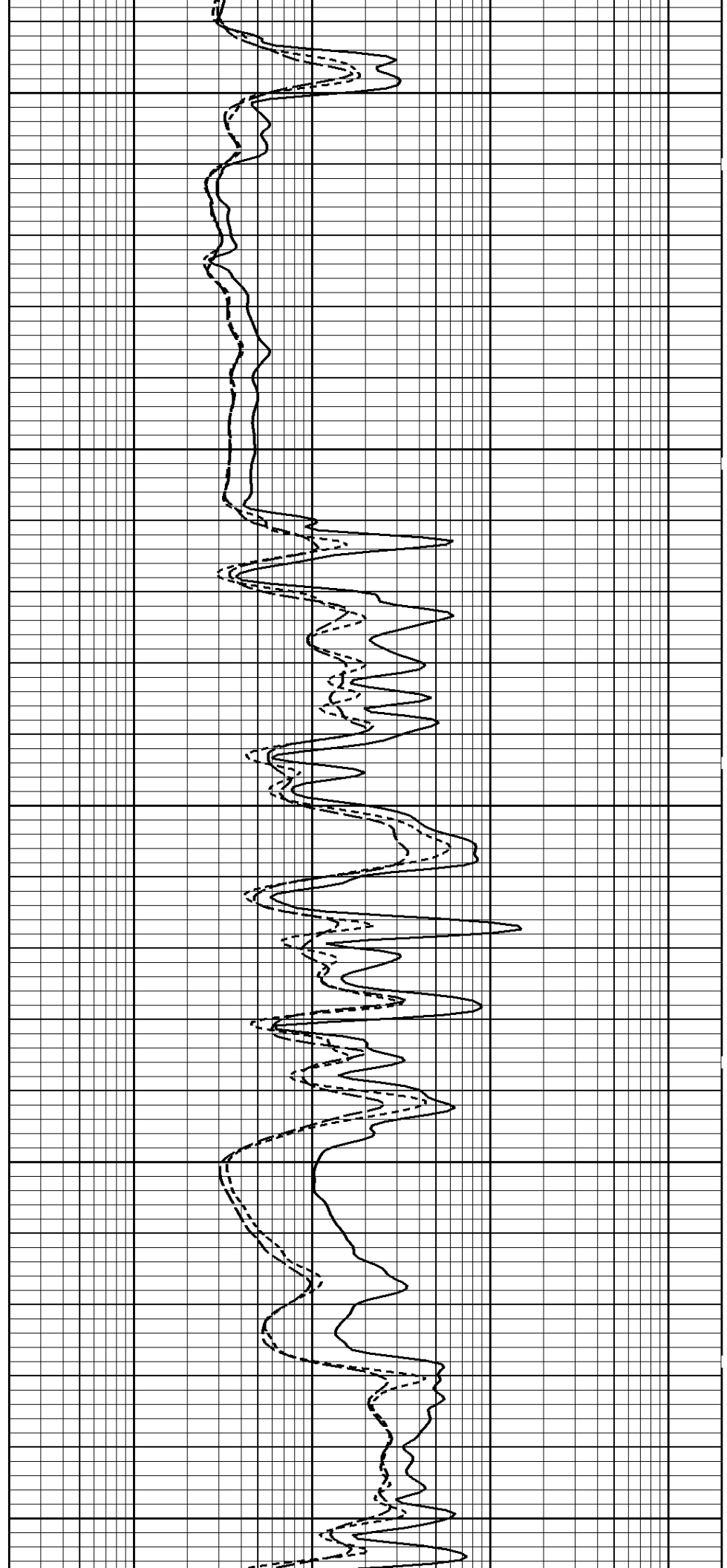
1:240 MAIN SECTION

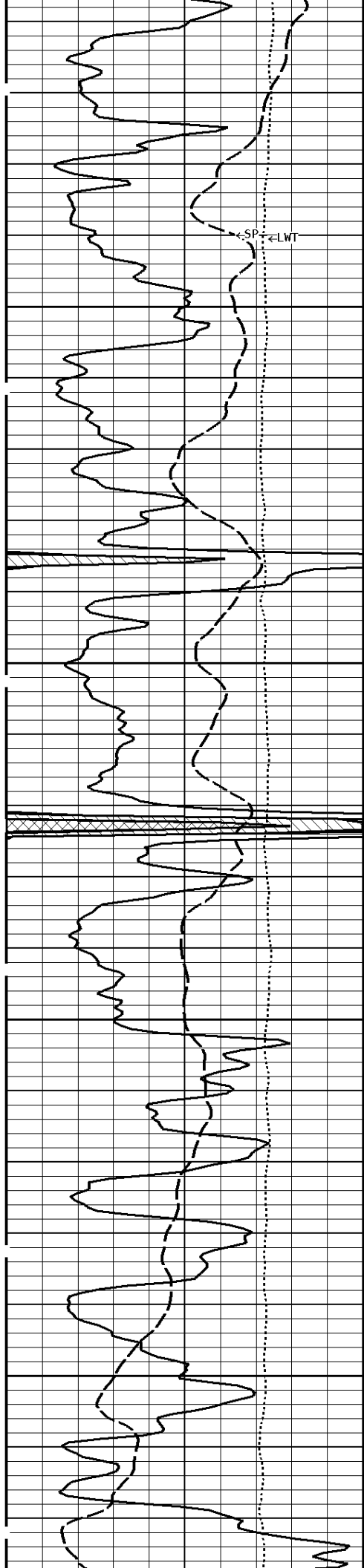




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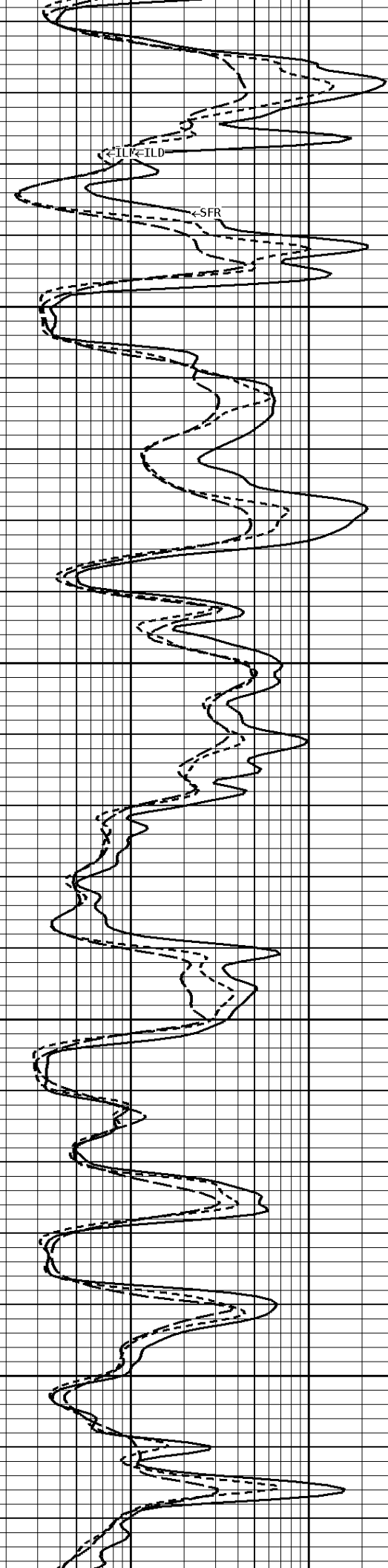
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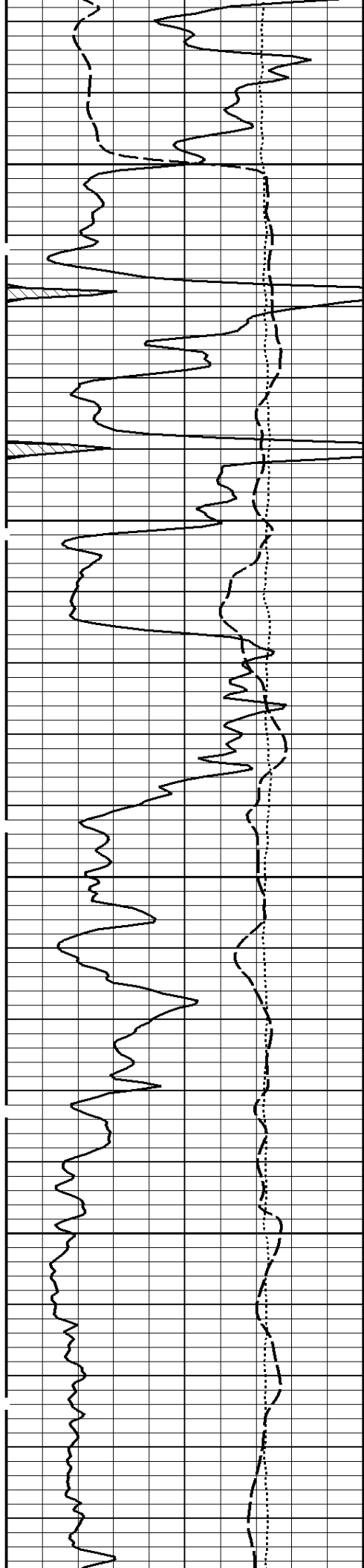




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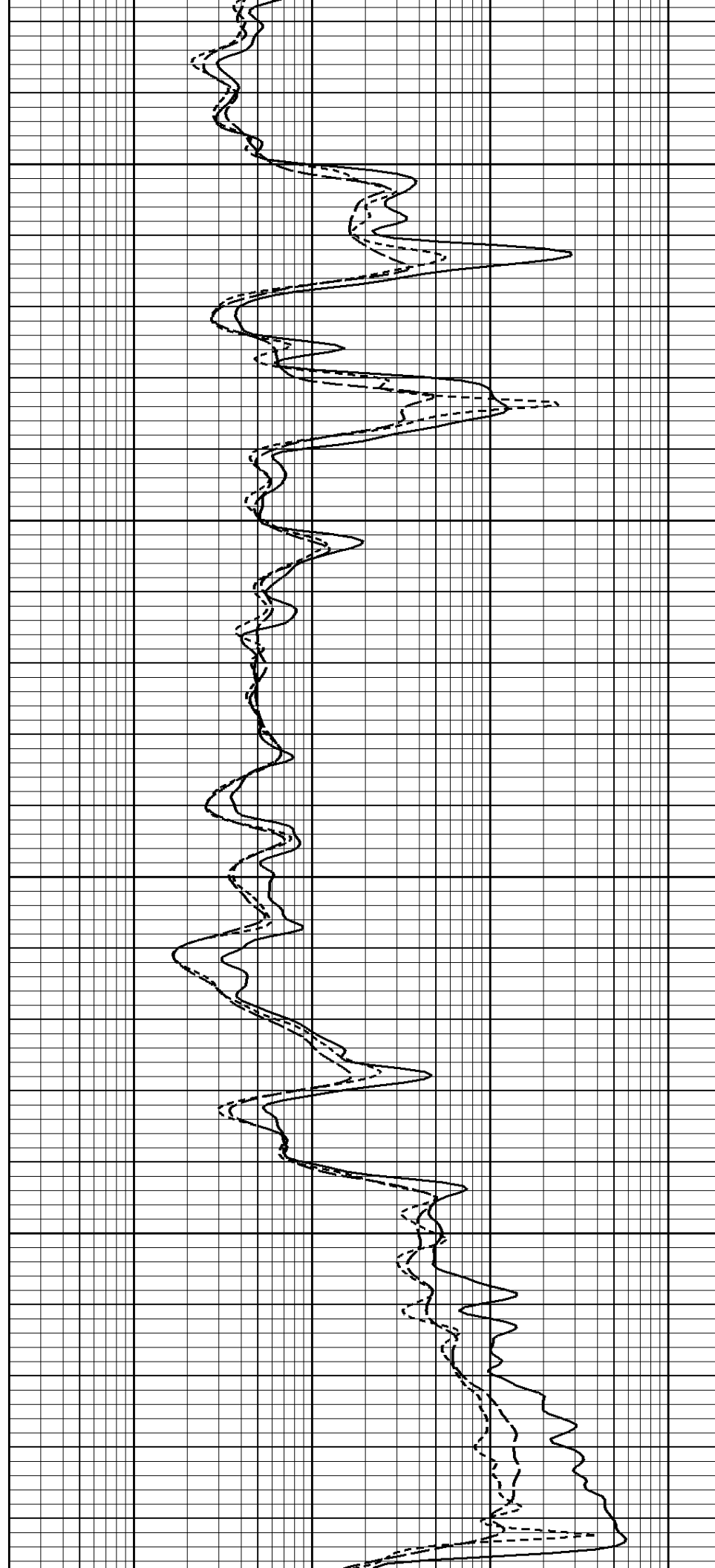
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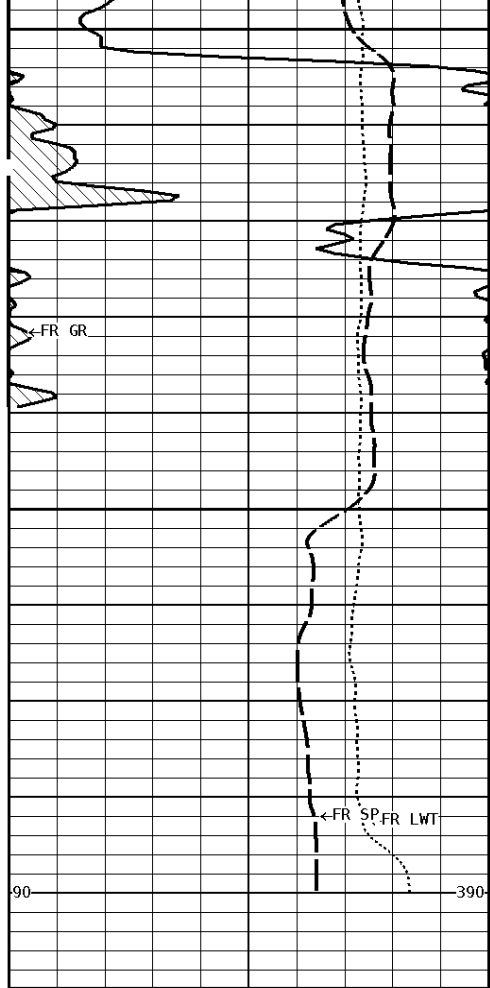




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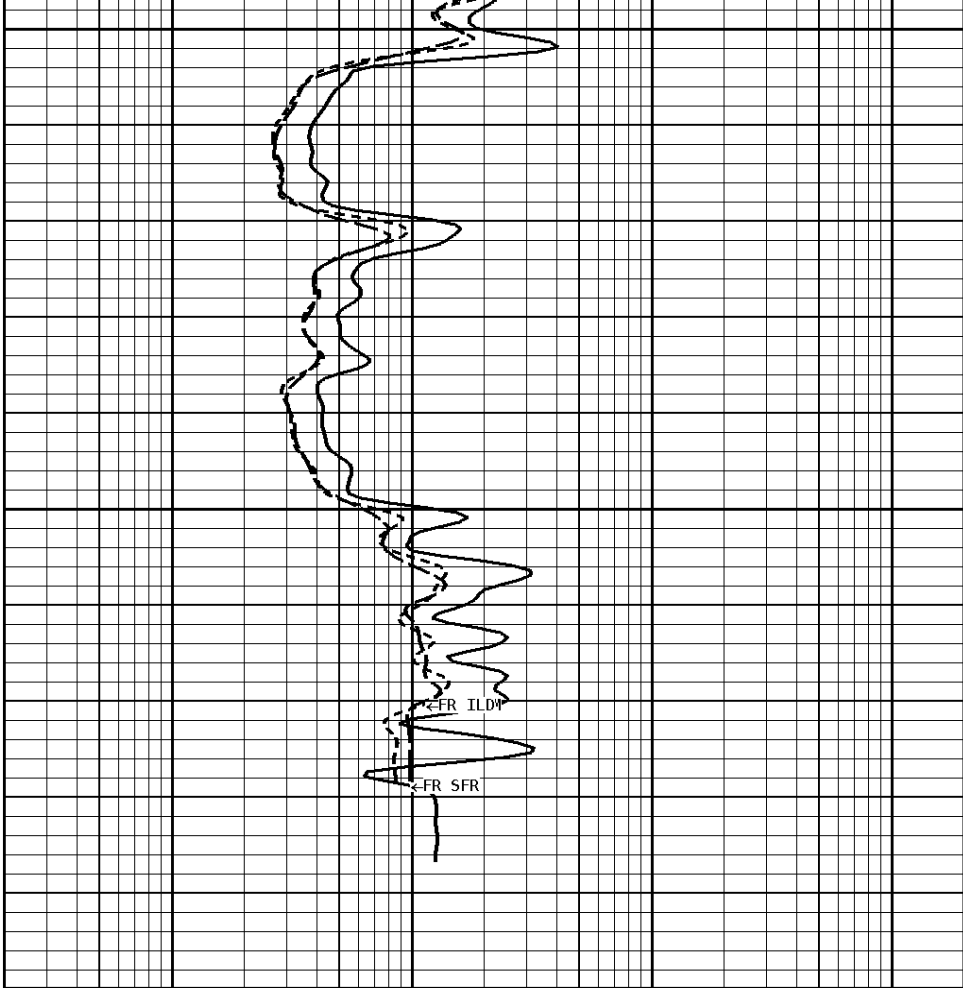
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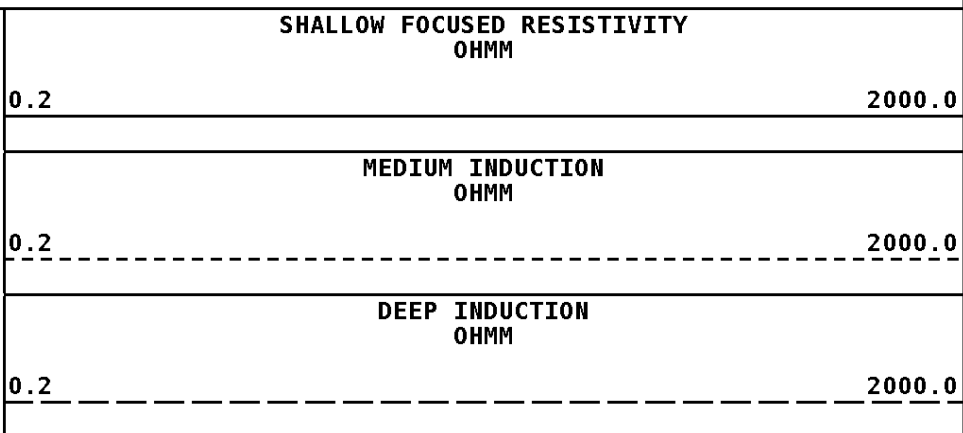
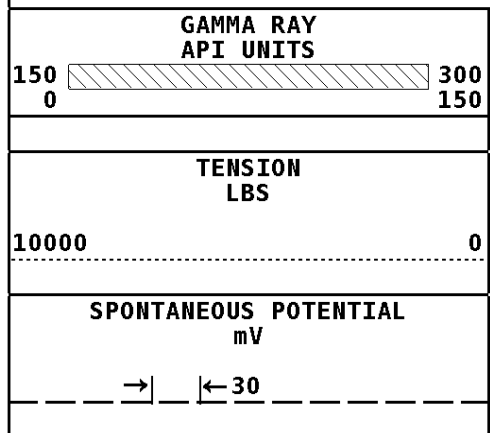


4200

4284



1:240 MAIN SECTION



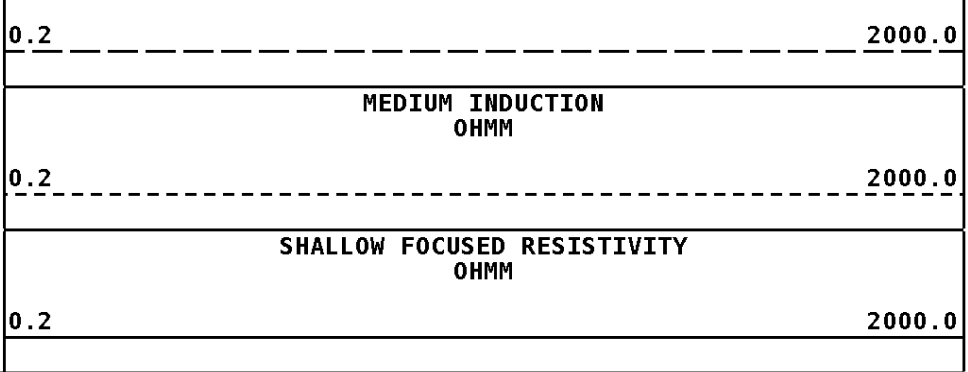
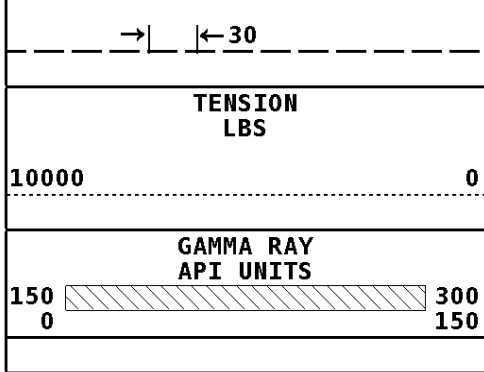
*** Borehole Zone Factors ***

Zone 1 99999.0 to 0.0 Feet	
Drill Bit Size	7.875 in
Casing Diameter	5.500 in
BHT Depth	4284.000 ft
Borehole Temperature	110.0 degF
Temperature Gradient	1.00 DFHF
Resistivity Of Mud	0.500 ohm/m
Standoff	1.5
Resistivity Of Mud Temperature	60.00 degF

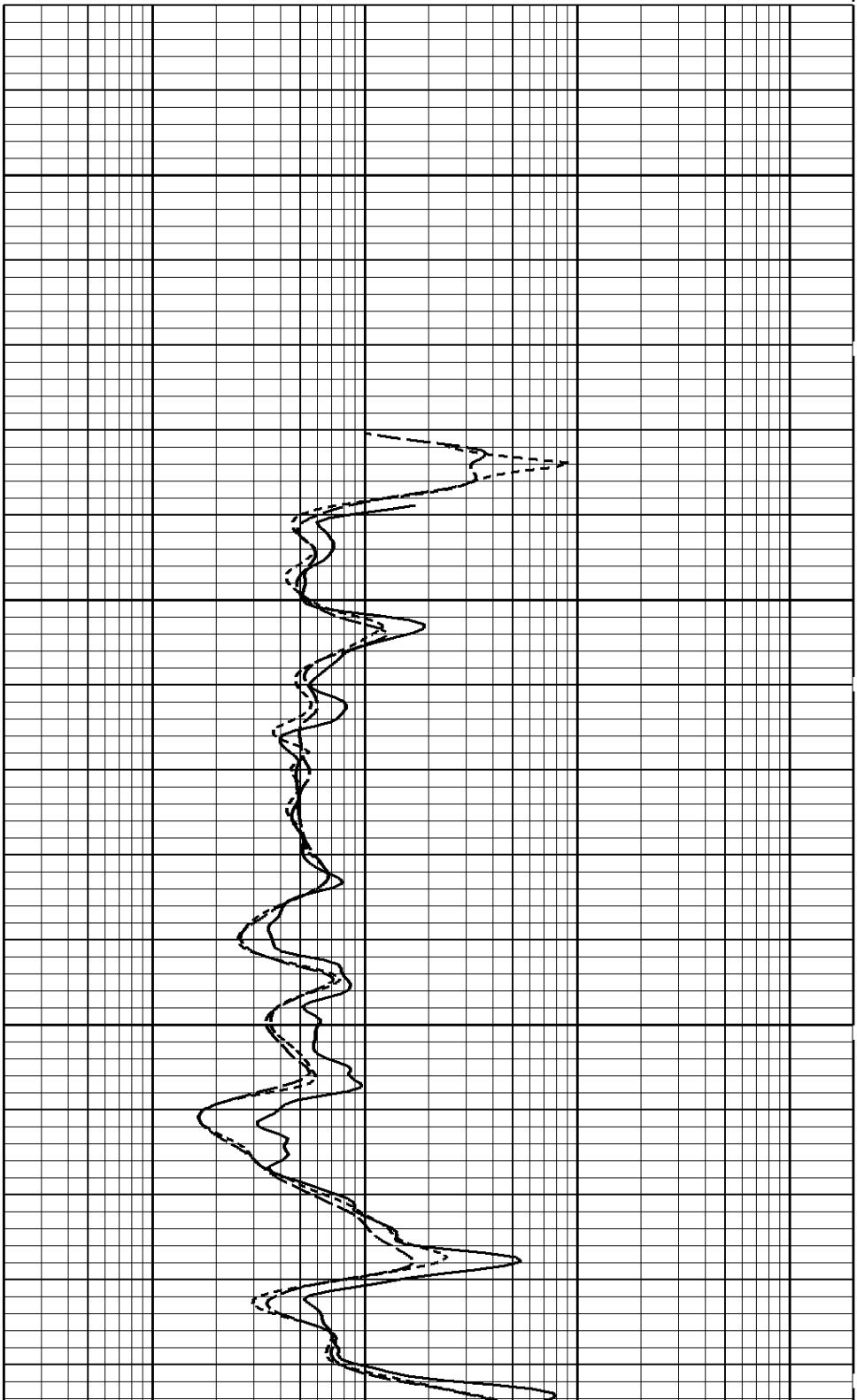
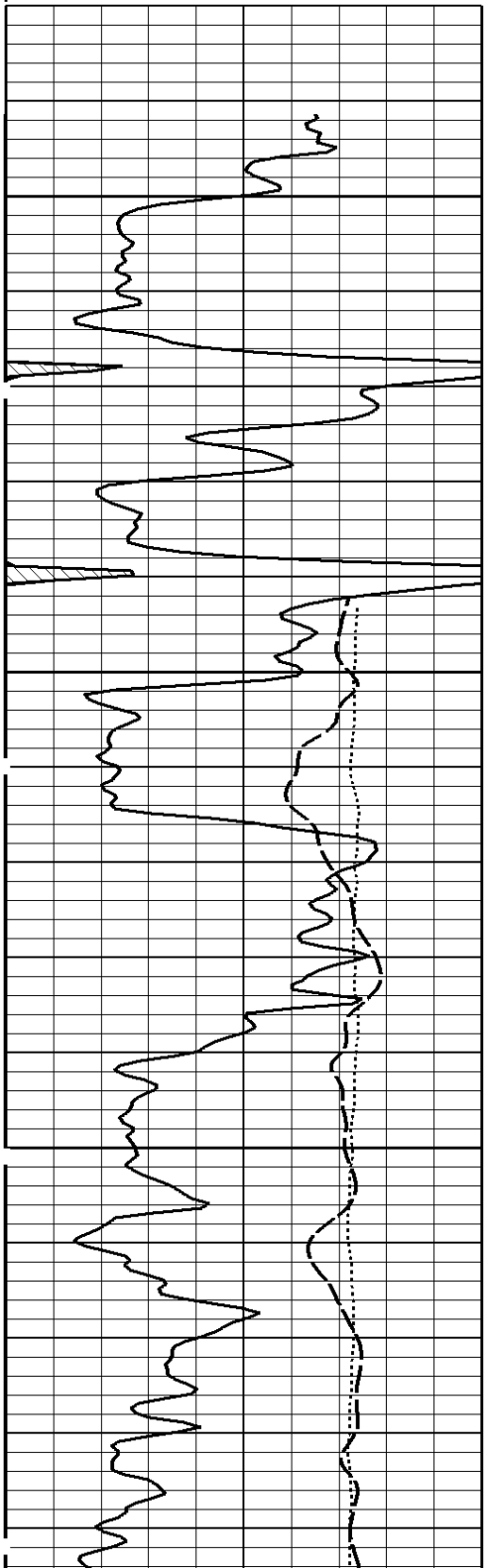
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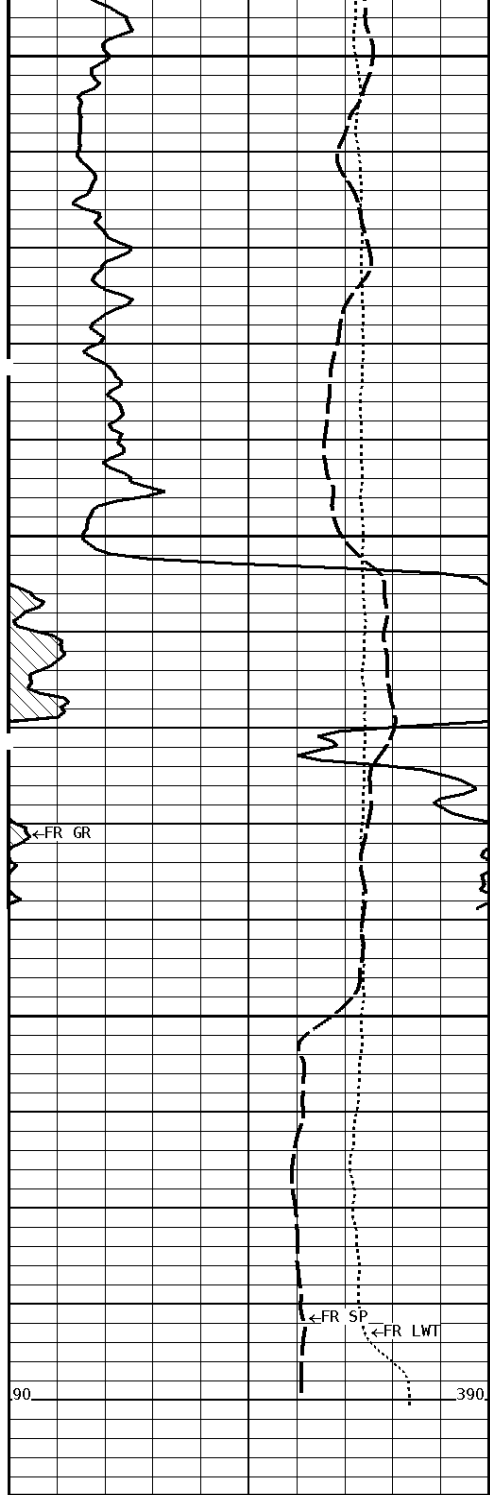
SPONTANEOUS POTENTIAL
mV

DEEP INDUCTION
OHMM



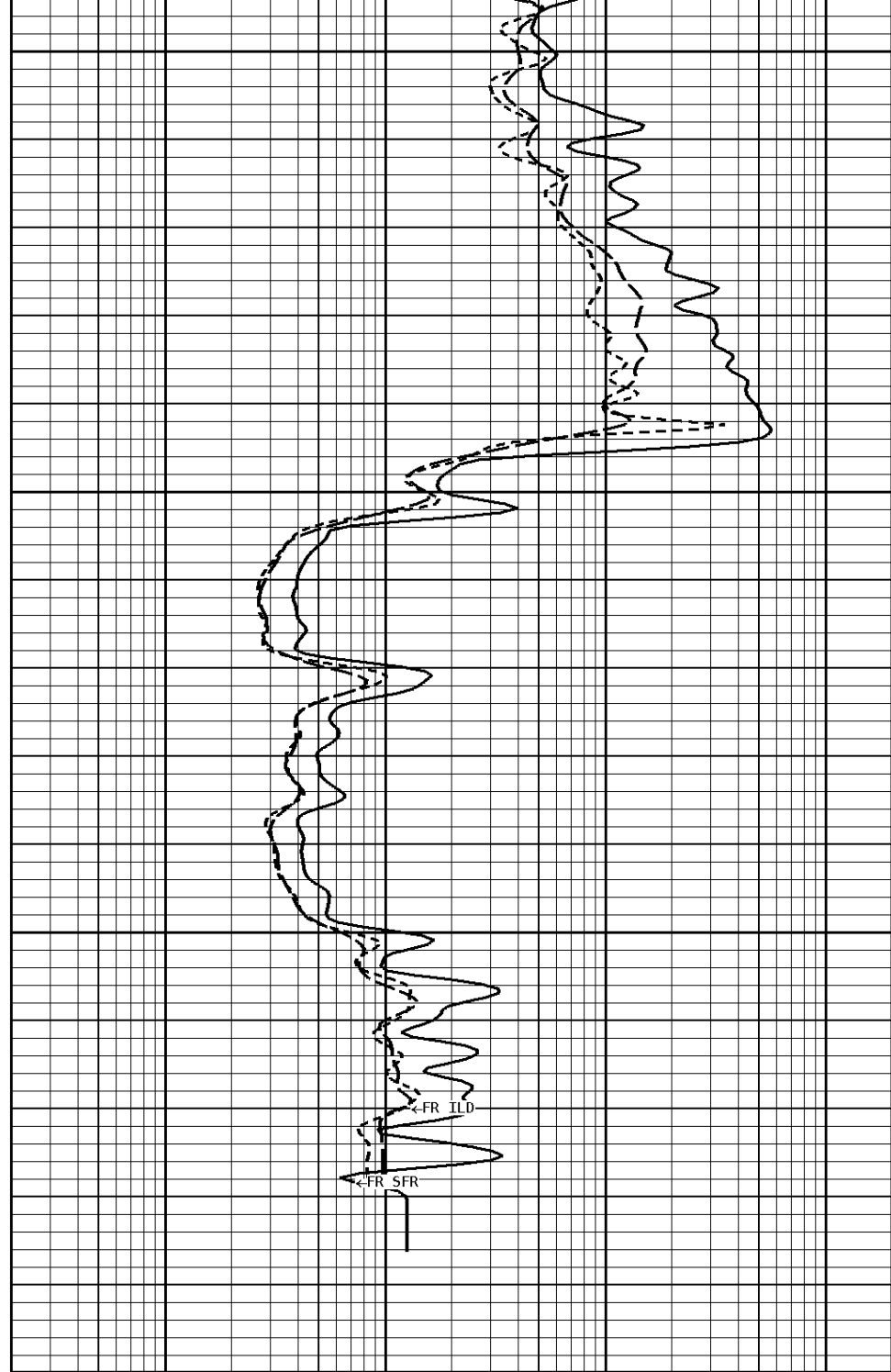
1:240 REPEAT SECTION





4200

4284



1:240 REPEAT SECTION

<p>GAMMA RAY API UNITS</p> <p>150 0 300 150</p>	
<p>TENSION LBS</p> <p>10000 0</p>	
<p>SPONTANEOUS POTENTIAL mV</p> <p>→ ← 30</p>	

<p>SHALLOW FOCUSED RESISTIVITY OHMM</p> <p>0.2 2000.0</p>	
<p>MEDIUM INDUCTION OHMM</p> <p>0.2 2000.0</p>	
<p>DEEP INDUCTION OHMM</p> <p>0.2 2000.0</p>	

*** Borehole Zone Factors ***

Zone 1	99999.0	to	0.0	Feet
Drill Bit Size	_____			7.875 in
Casing Diameter	_____			5.500 in
BHT Depth	_____			4284.000 ft
Borehole Temperature	_____			110.0 degF
Temperature Gradient	_____			1.00 DFHF
Resistivity Of Mud	_____			0.500 ohm/m
Standoff	_____			1.5
Resistivity Of Mud Temperature	_____			60.00 degF

*** Calibration Summary ***

Shop Calibration					
GRT-B					
Performed : 13-Mar-2015			Time : 09:44		
Sensor Suite : GR-GR5			ID : GRT-BA-015		
	Measured	Units	Calibrated	Units	
GR	Background Jig	CPS	Jig	GRAPI	
	48 350		175		
Shop Calibration					
PIT-CA					
Performed : 12-FEB-2015			Time : 10:15		
Sensor Suite : P-IND-T			ID : PIT-CA-075		
	Medium		Calibrated	Units	
	Measured		R X		
	R X		R X		
Air	131398 129978		-0.4 -0.0	MMHOS	
Zero	131072 131067		-10.9 44.7	MMHOS	
Reference	251354 248723		4989.1 5044.7	MMHOS	
Loop	130625 216235		3633.1 3697.7	MMHOS	
Sonde Error			1.5 -4.1	MMHOS	
Cond			4989.1 5044.7	MMHOS	
	Deep		Calibrated	Units	
	Measured		R X		
	R X		R X		
Air	128184 131932		-0.1 0.3	MMHOS	
Zero	131068 131063		50.9 -18.3	MMHOS	
Reference	239108 236306		2050.9 1981.7	MMHOS	
Loop	127688 223390		1728.8 1747.6	MMHOS	
Sonde Error			-4.3 0.4	MMHOS	
Cond			2050.9 1981.7	MMHOS	
	Temperature		Calibrated	Units	
	Measured		Low High		
	Low High		Low High		
	16980.0 56920.0		70.0 350.0	DEGF	
Performed : 12-Feb-2015			Time : 10:00		
Sensor Suite : SFL			ID : PIT-CA-075		
	Internal		Calibrated	Units	
	Measured		Zero Reference		
	Zero Reference		Zero Reference		
Im	32735.0 48930.9		0.0 7028.0	uA	
Ib	32765.2 49024.7		0.0 1750.0	mA	
MOM1	32779.1 56559.6		0.0 175.0	mV	
Equivalent SFL				43.97 OHMM	
Performed : 12-Feb-2015			Time : 10:04		
Sensor Suite : P-SP			ID : PIT-CA-075		
	Internal		Calibrated	Units	
	Measured		Zero Reference		
	Zero Reference		Zero Reference		
	32767.9 58941.9		0.0 1000.0	mV	

Well File: pro-ro-3-mar-21

Scale: 1:1200

Format: DIL1200

Segment: V1.D1.S6 MAIN

Acquired: 2015-03/21 02:48 3.4.0-13477

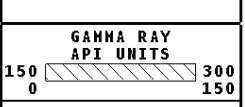
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Processed: 2015-03/21 04:12 3.4.0-13477

TENSION	LBS
10000	0

DEEP INDUCTION	OHMM
0.0	500.0
0.0	50.0

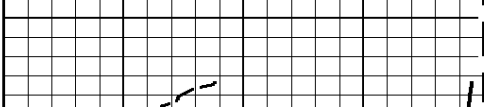
SPONTANEOUS POTENTIAL
mV



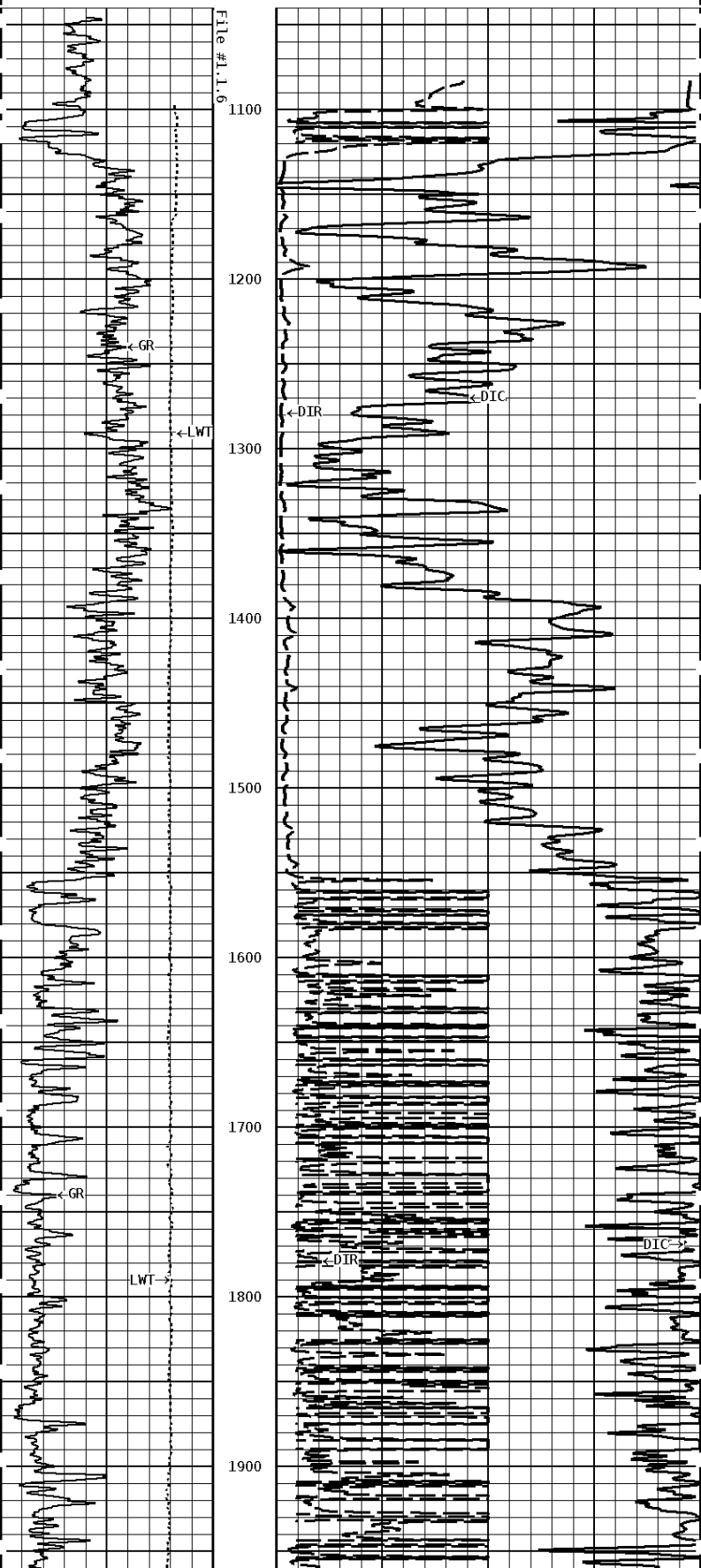
SHALLOW FOCUSED
OHMM

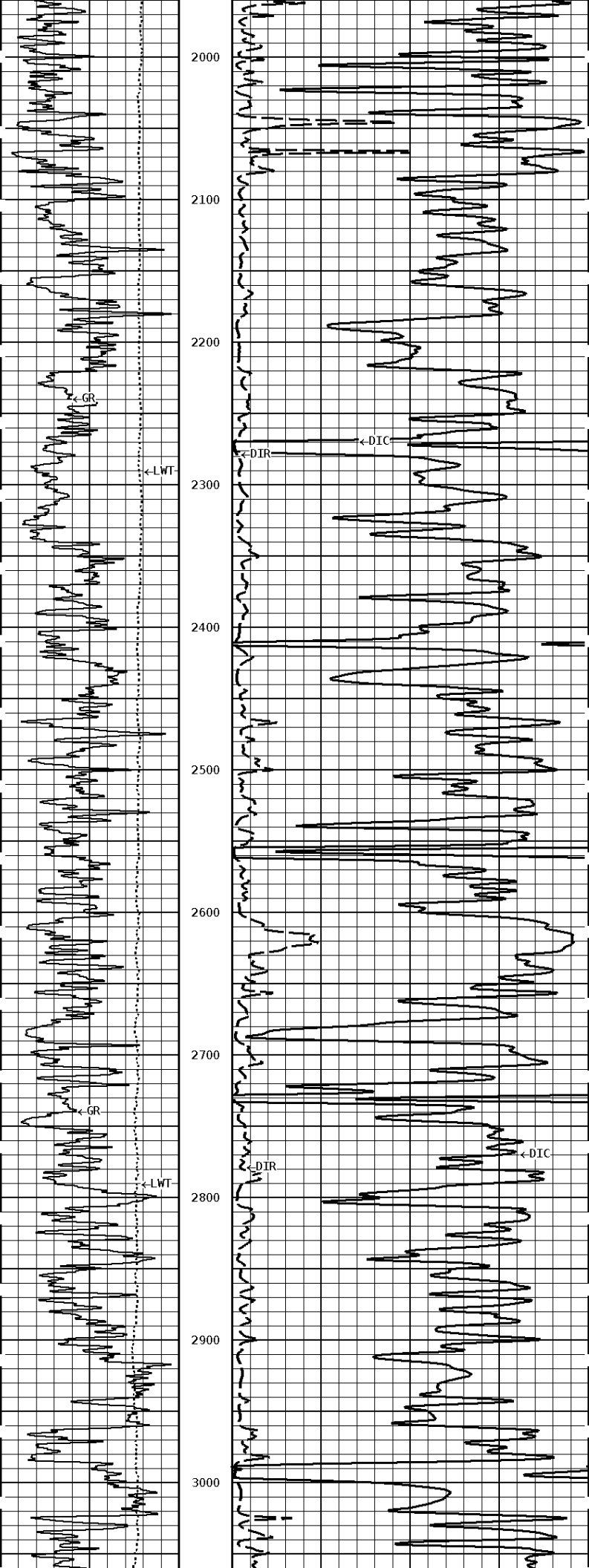


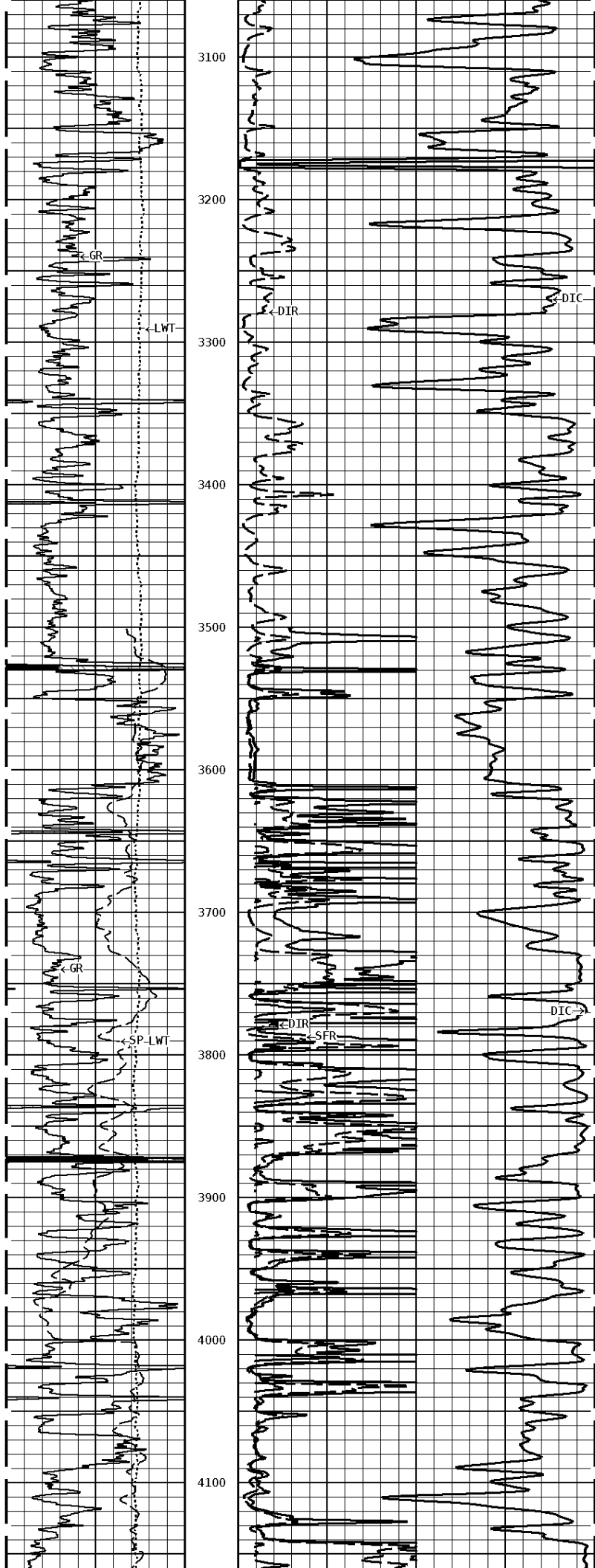
DEEP CONDUCTIVITY
MHMO



1:1200 MAIN SECTION







3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100

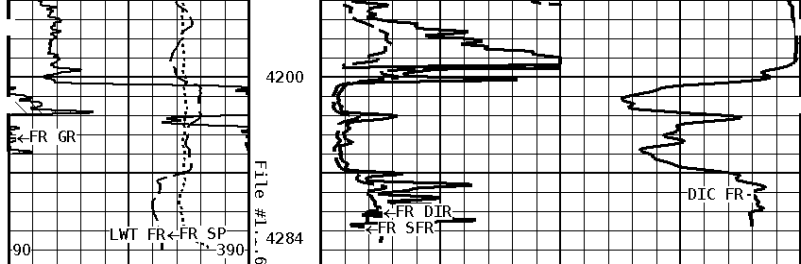
DIR

DIC

DIR

SFR

DIC



1:1200 MAIN SECTION

GAMMA RAY API UNITS 150 0 300 150	DEEP CONDUCTIVITY MMHO 2000 1000 1000 0
SPONTANEOUS POTENTIAL mV → ← 30	SHALLOW FOCUSED OHMM 0.0 500.0 0.0 50.0
TENSION LBS 10000 0	DEEP INDUCTION OHMM 0.0 500.0 0.0 50.0



Tucker
ENERGY SERVICES

Company: PROLIFIC RESOURCES LLC.
 Well: ROESLER #3
 Location: 836' FSL & 1833' FWL
 Logged: 03-21-2015
 K.B. Elev: 2048.0 Ft