NABORS
COMPLETION & PRODUCTION SERVICES CO.

DUAL INDUCTION LOG

Company TRANS PACIFIC OIL CORP.

Well HAYWORTH TRUST "A" #1-8

Field WILDCAT

County RUSH State KANSAS

Location: API # : 15-165-22056

3100' FSL & 1175' FEL

SEC 8 TWP 18S RGE 18W

Other Services
CDL/CNL
SONIC

Permanent Datum GROUND LEVEL Elevation 2091
Log Measured From KELLY BUSHING 7' A.G.L.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 2098
D.F.
G.L. 2091

Company TRANS PACIFIC OIL CORP.
Well HAYWORTH TRUST "A" #1-8
Field WILDCAT
County RUSH
State KANSAS

Date	3-4-14		
Run Number	ONE		
Depth Driller	3954		
Depth Logger	3938		
Bottom Logged Interval	3936		
Top Log Interval	00		
Casing Driller	1292		
Casing Logger	1290		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3 / 49		
pH / Fluid Loss	10.0 / 8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.52 @ 78F		
Rmf @ Meas. Temp	0.39 @ 78F		
Rmc @ Meas. Temp	0.62 @ 78F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.360 @ 114F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	1:50 P.M.		
Maximum Recorded Temperature	114F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	ALEX CHAPIN		

<<< Fold Here >>>

Comments

NABORS COMPLETION & PRODUCTION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: LACROSSE, 1S, 1W, 1/4S, W INTO.
COMMENT: PIPE STRAP SHOWED THE RIG 16' SHORT OF TD.

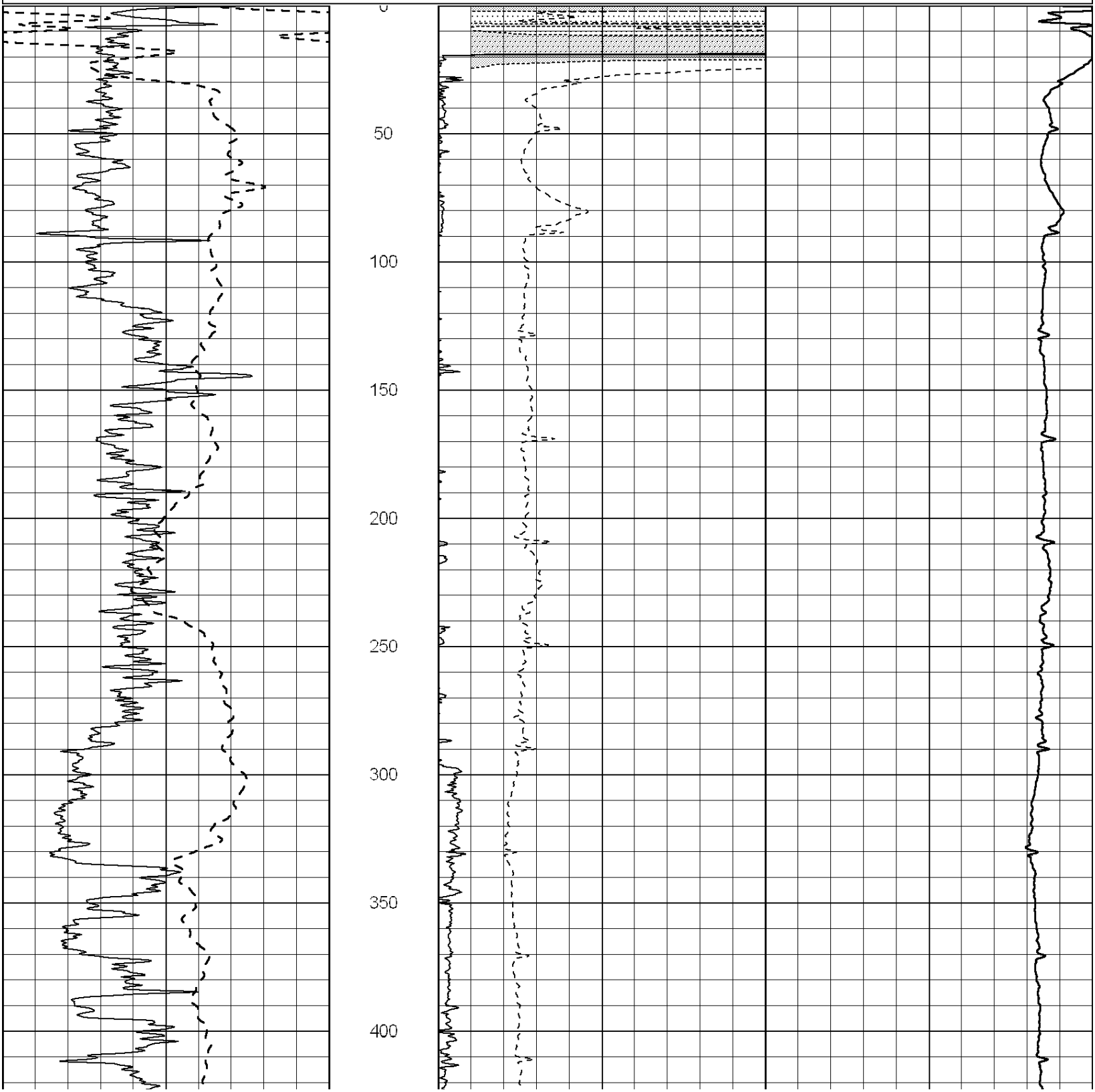
MAIN SECTION

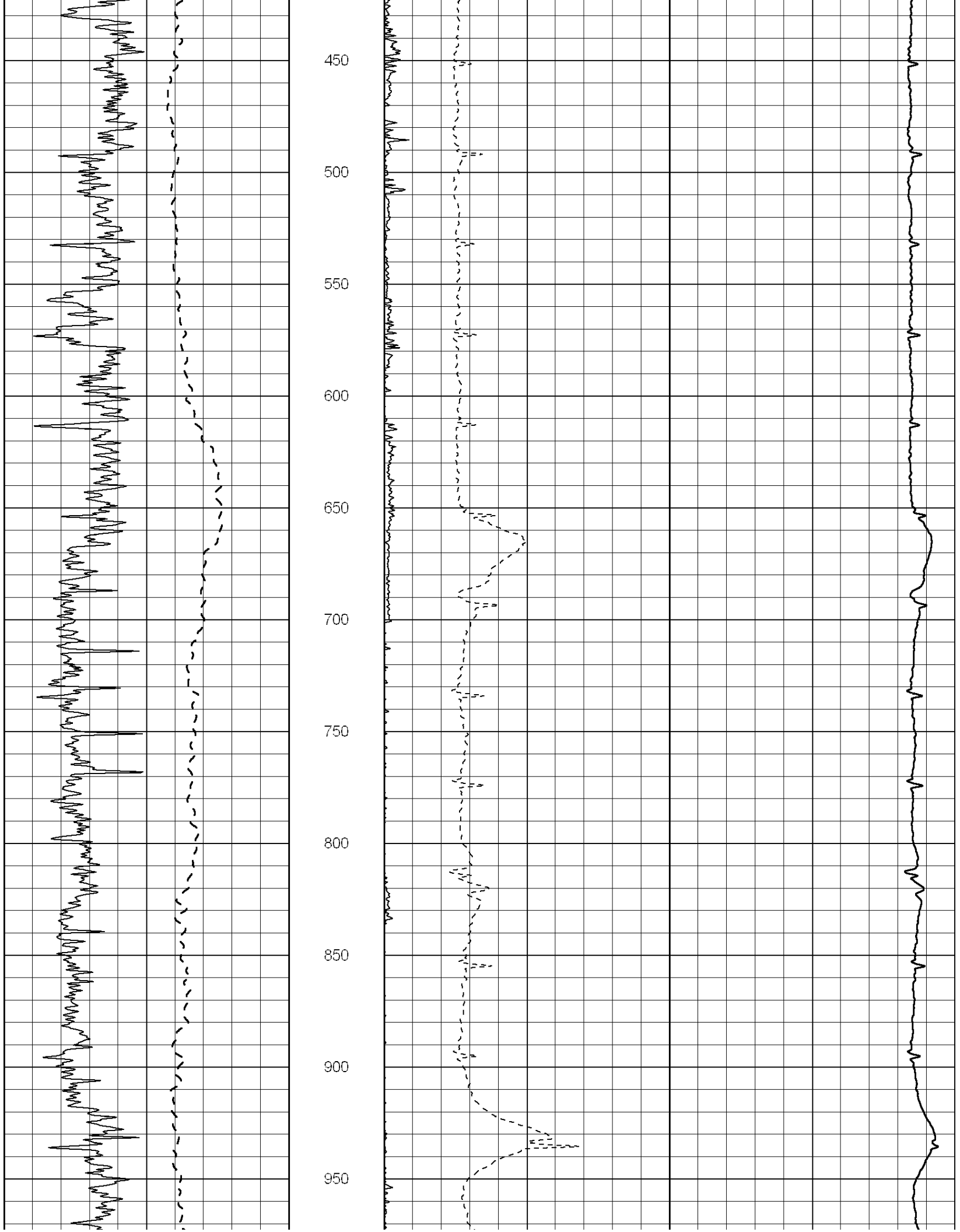
NABORS COMPLETION & PRODUCTION

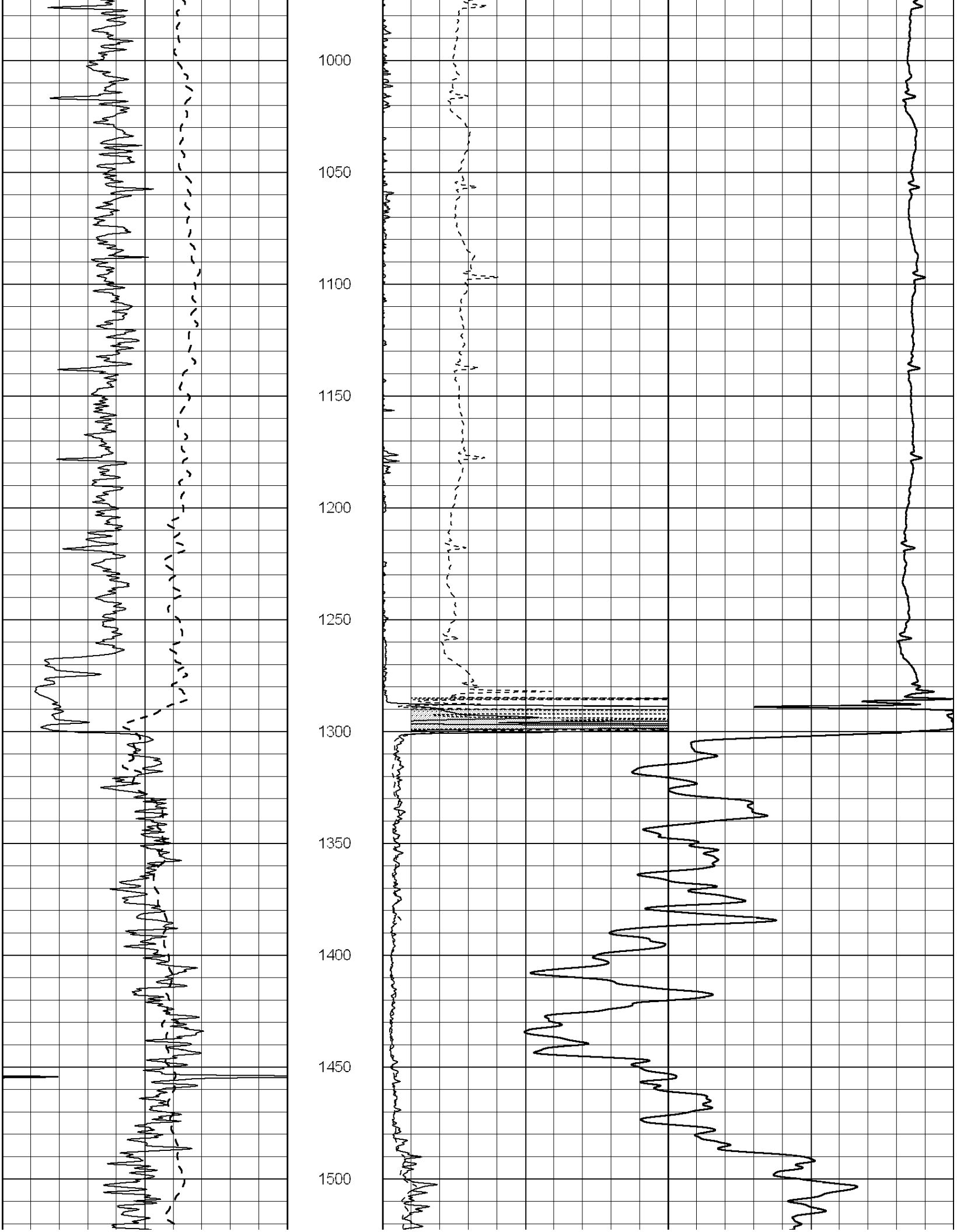
SERVICES CO.

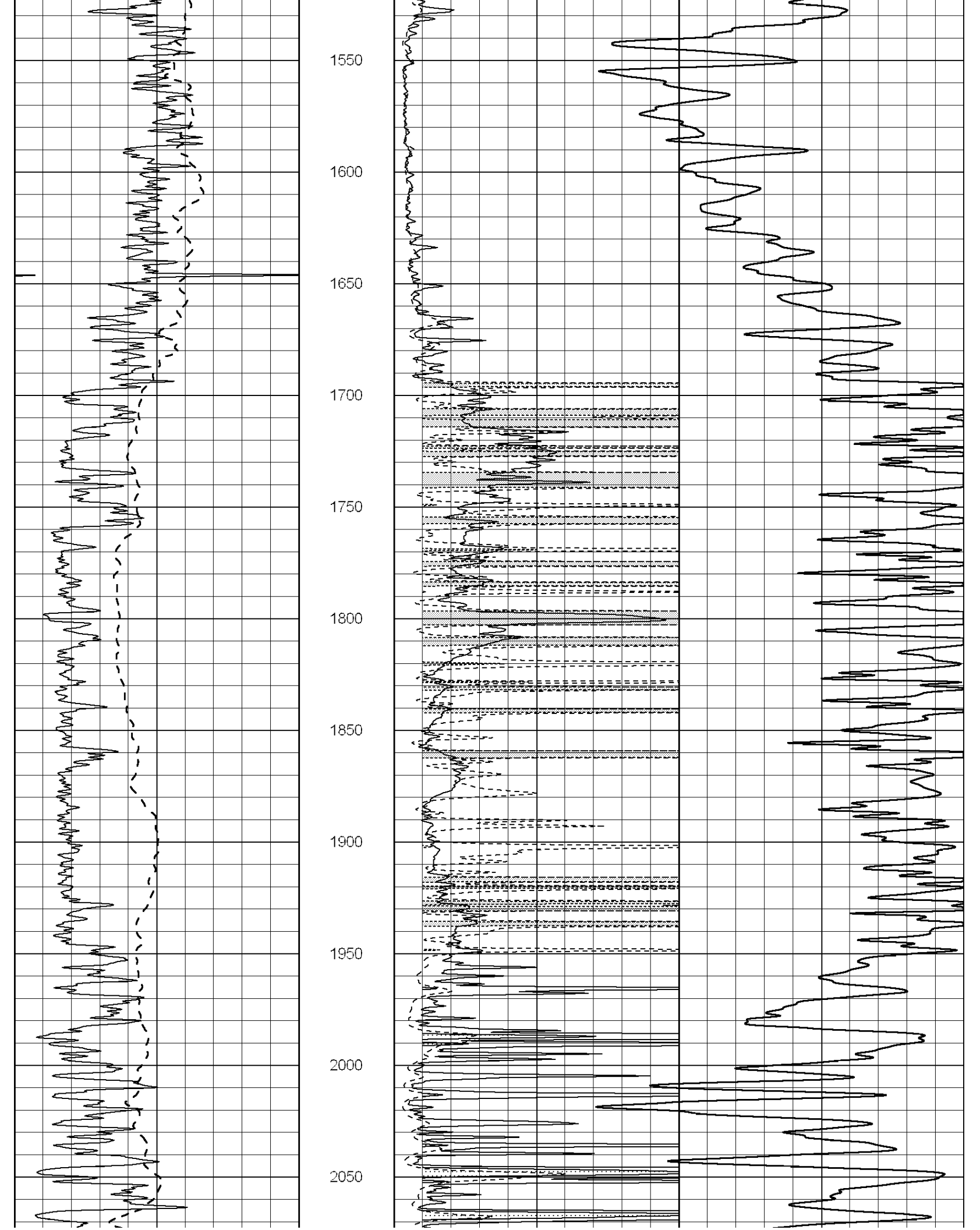
Database File: 23916ddn.db
Dataset Pathname: pass3.1
Presentation Format: _dil2
Dataset Creation: Tue Mar 04 15:11:44 2014 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:600

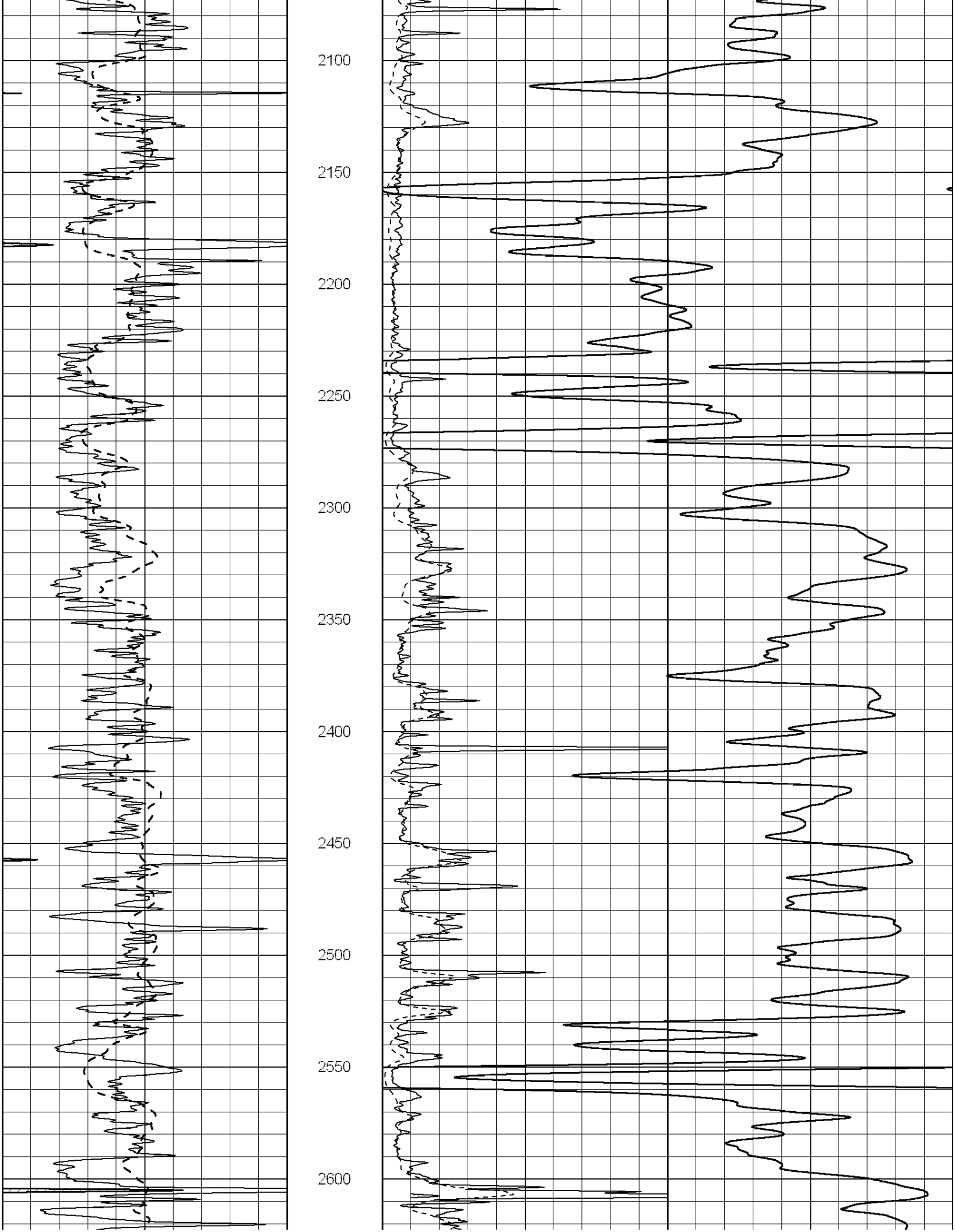
0	Gamma Ray (GAPI)	150
0	RLL3 (Ohm-m)	50
0	Deep Induction (Ohm-m)	50
1000	CILD (mmho/m)	0
50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500

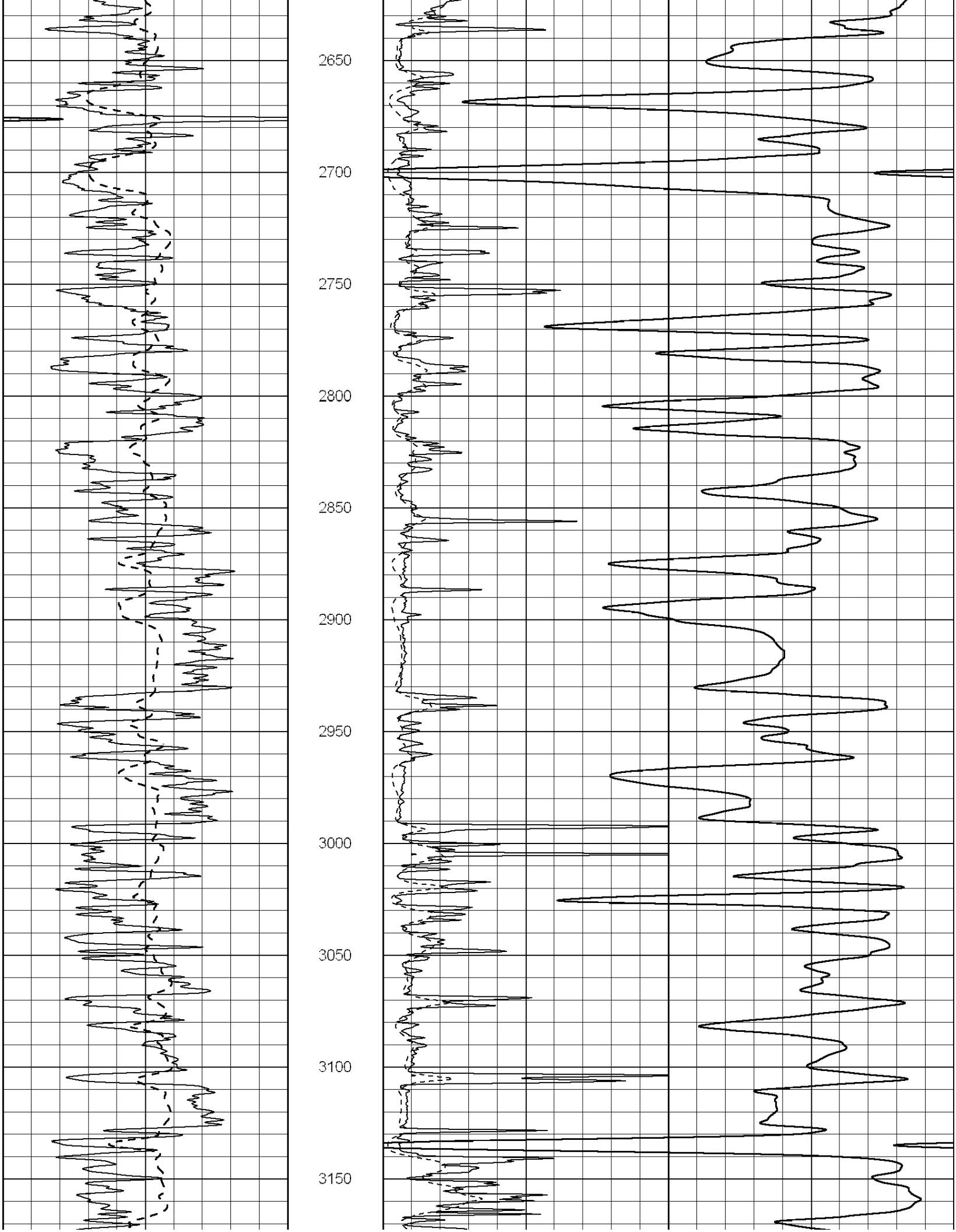


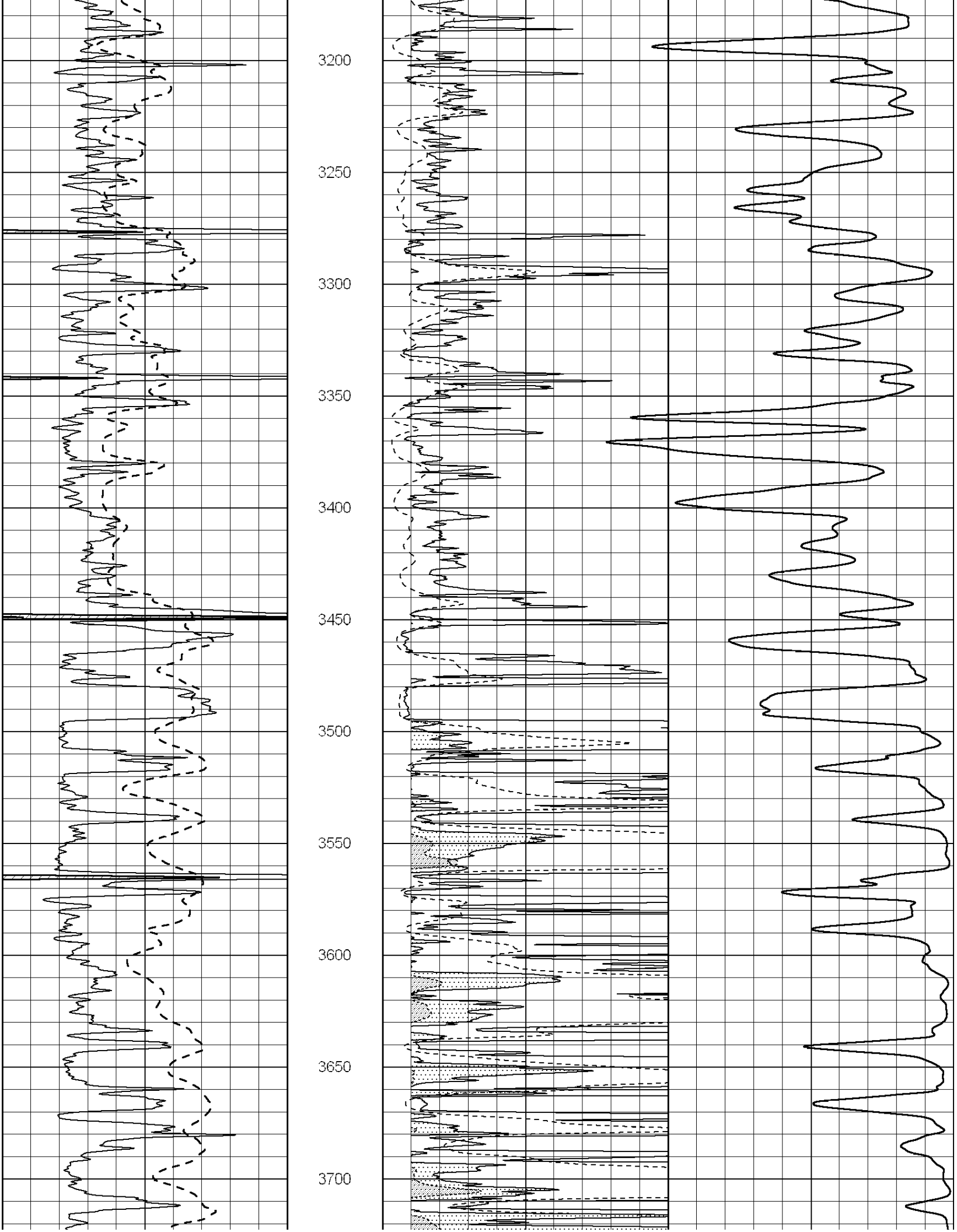

450
500
550
600
650
700
750
800
850
900
950

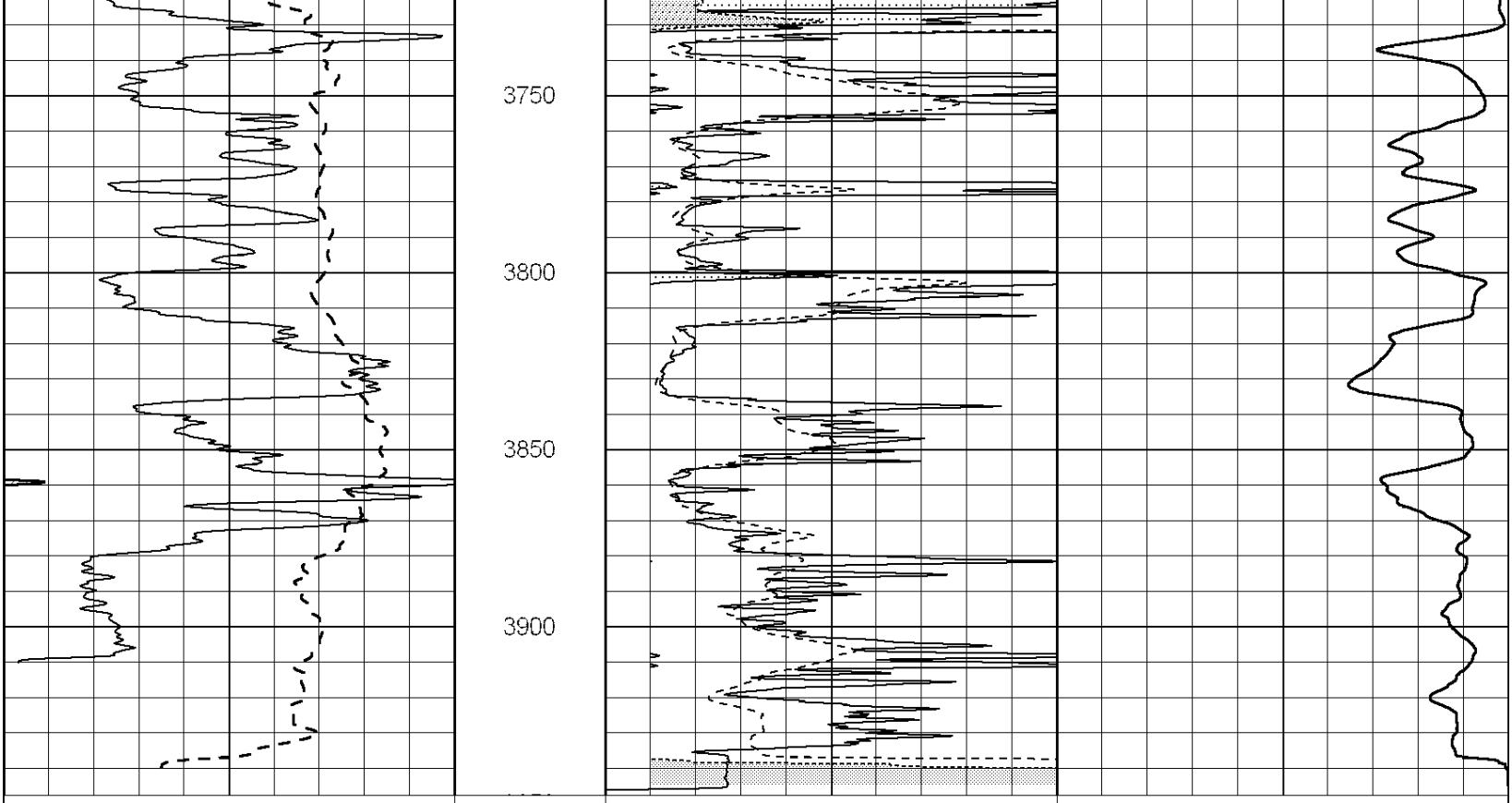

1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500


1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050


2100
2150
2200
2250
2300
2350
2400
2450
2500
2550
2600


2650
2700
2750
2800
2850
2900
2950
3000
3050
3100
3150


3200
3250
3300
3350
3400
3450
3500
3550
3600
3650
3700



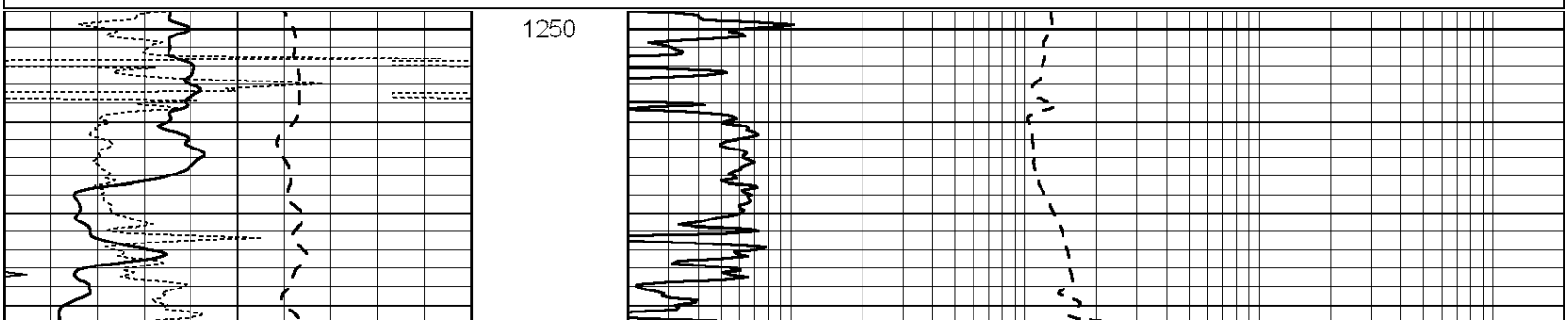
NABORS
COMPLETION & PRODUCTION SERVICES CO.

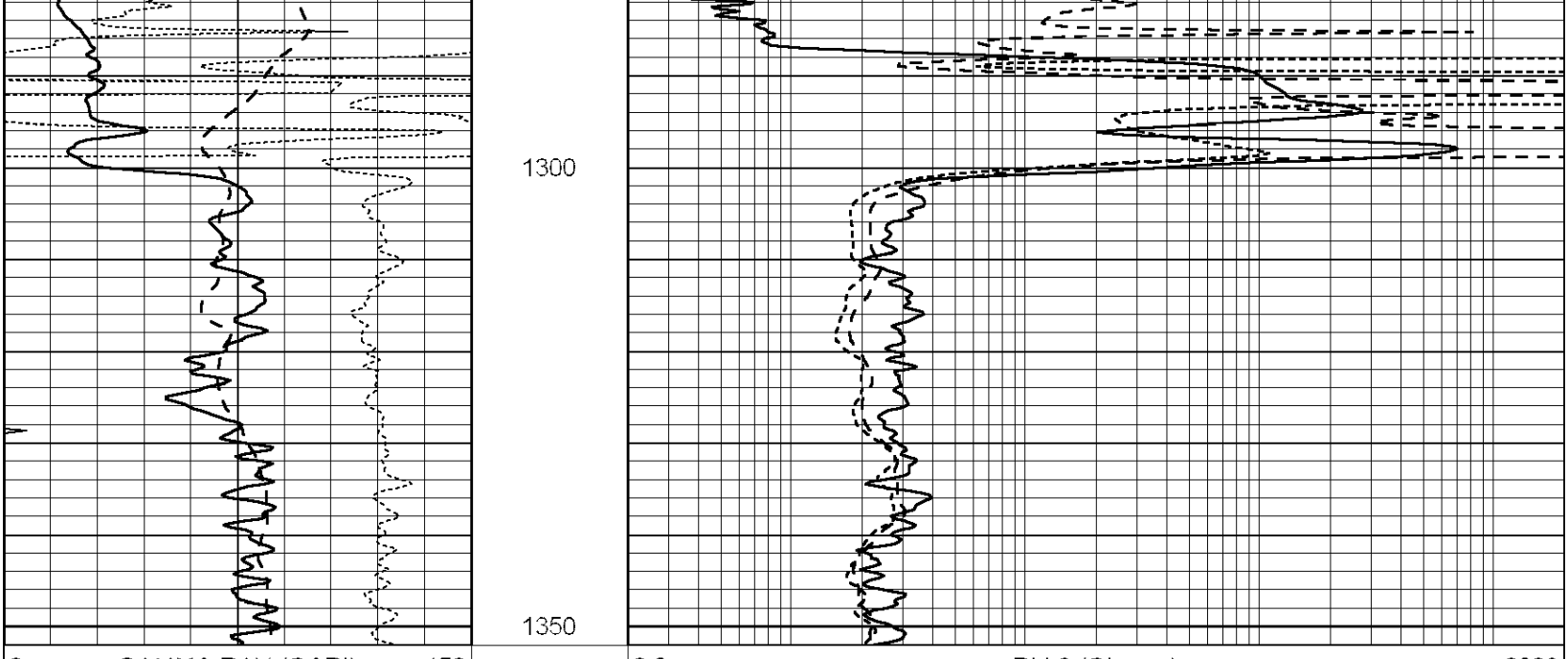
MAIN SECTION

Database File: 23916ddn.db
Dataset Pathname: pass3.1
Presentation Format: _dil
Dataset Creation: Tue Mar 04 15:11:44 2014 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000





0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

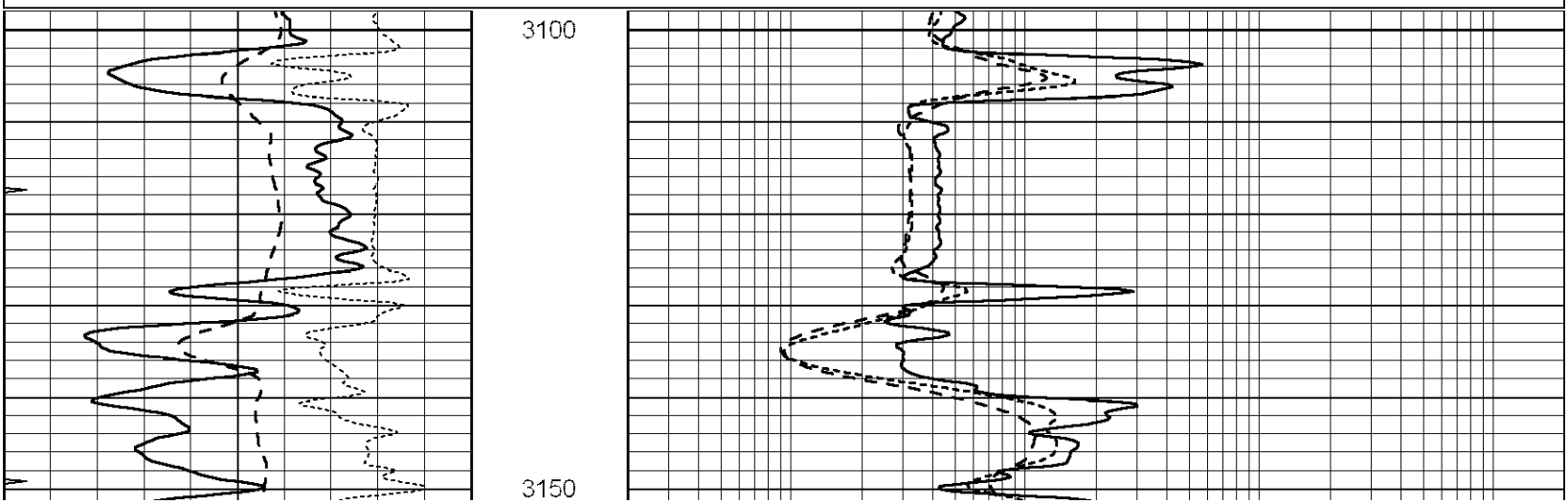
NABORS
COMPLETION & PRODUCTION SERVICES CO.

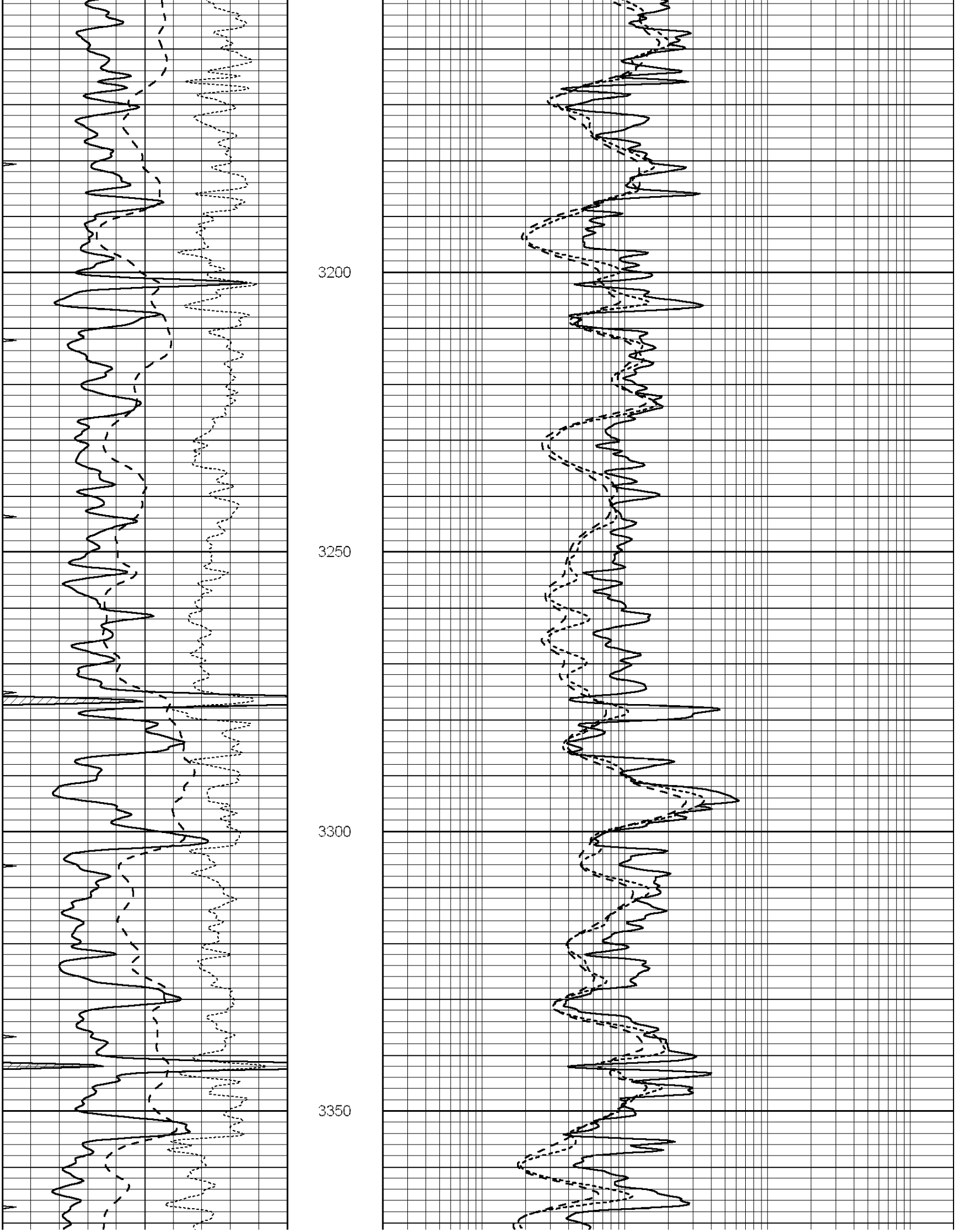
MAIN SECTION

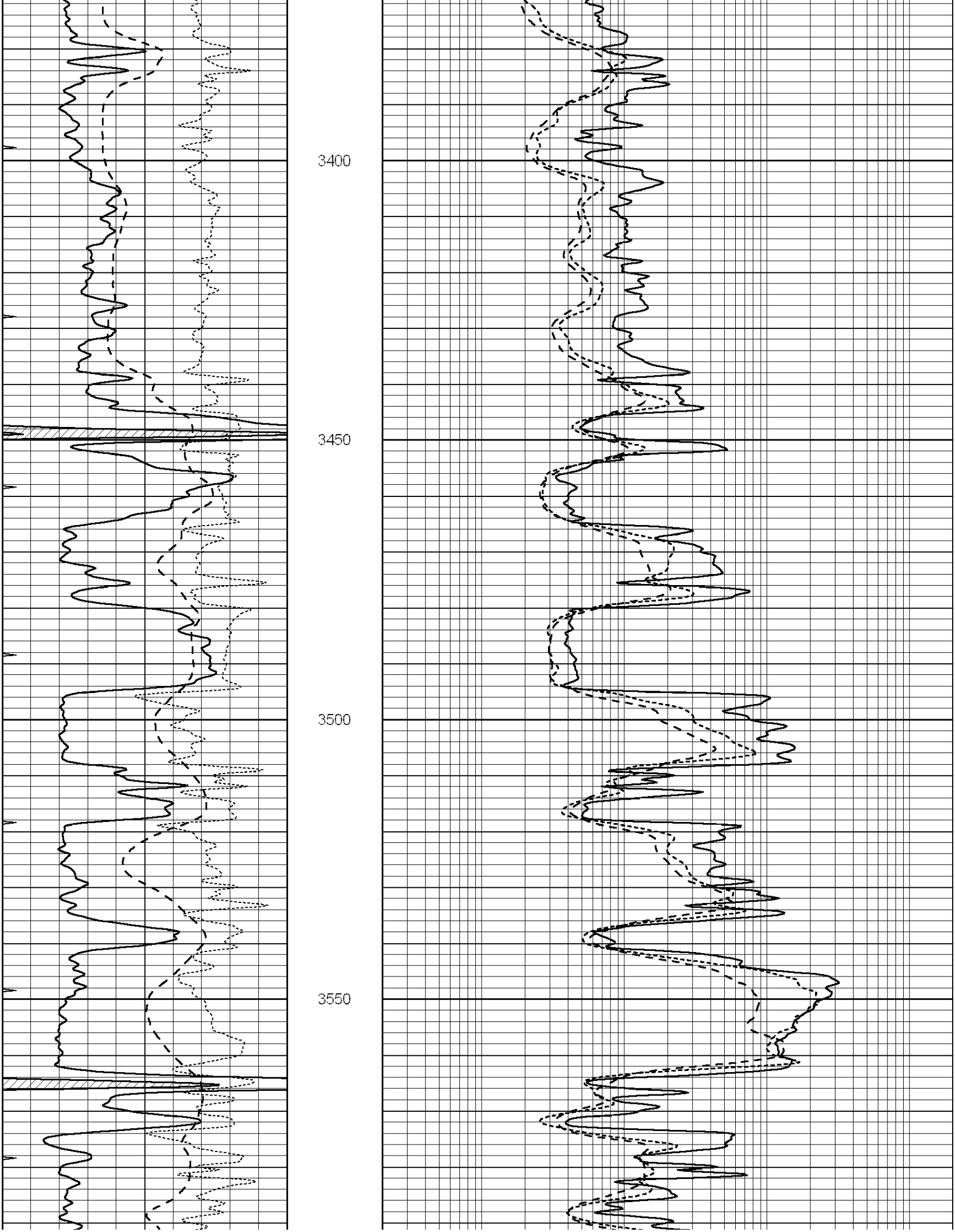
Database File: 23916ddn.db
Dataset Pathname: pass3.1
Presentation Format: _dil
Dataset Creation: Tue Mar 04 15:11:44 2014 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

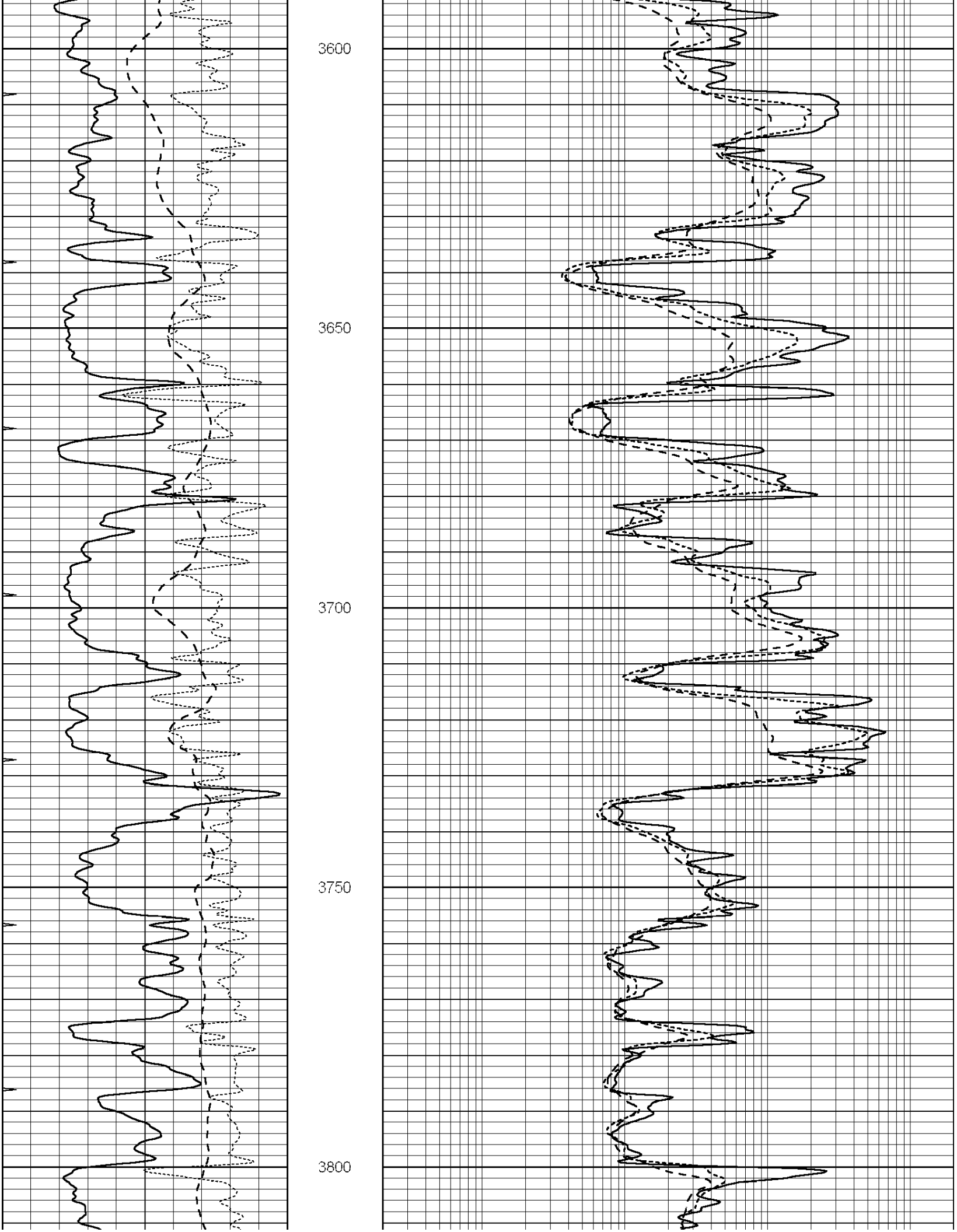
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

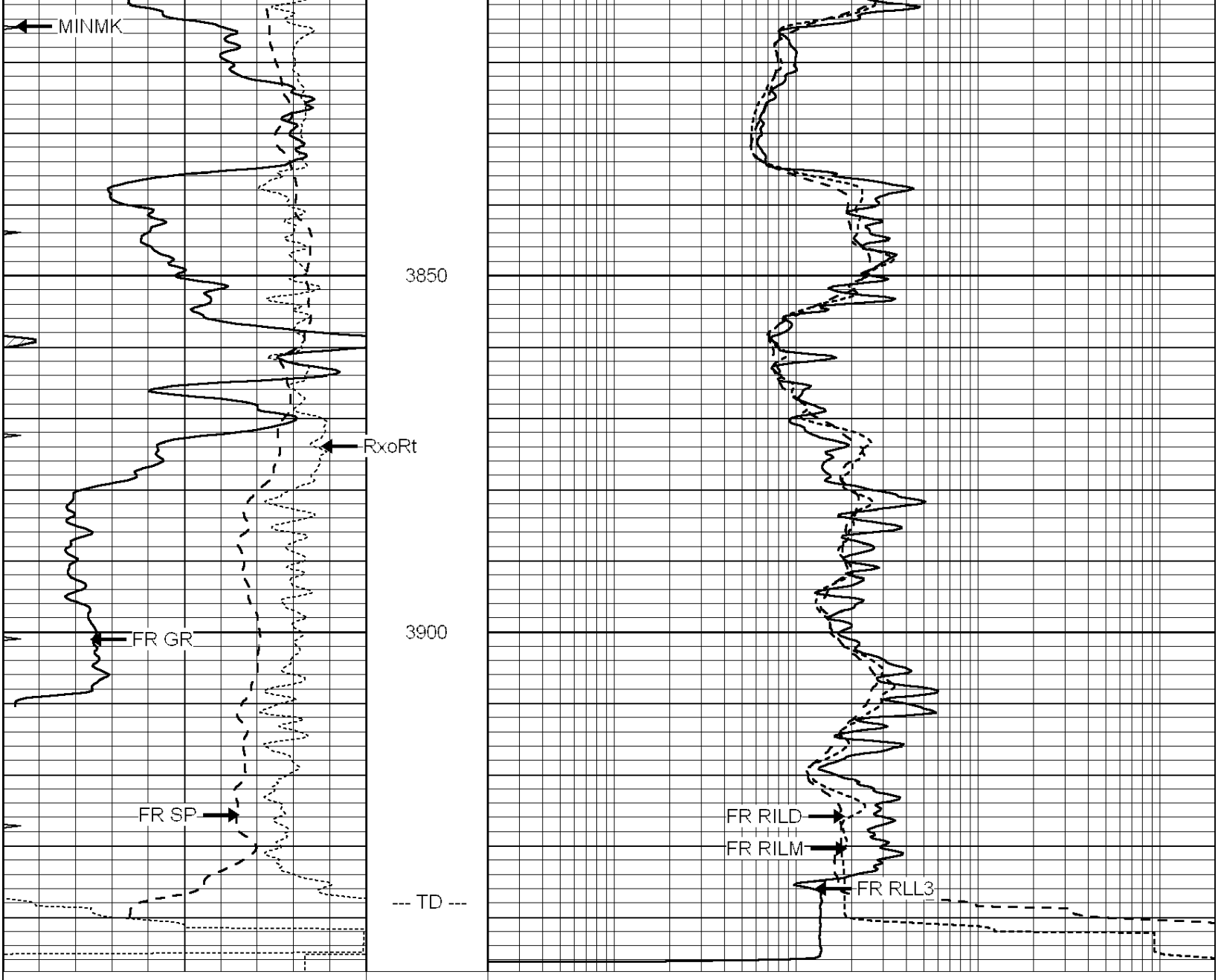
0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000




3200
3250
3300
3350


3400
3450
3500
3550


3600
3650
3700
3750
3800



0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

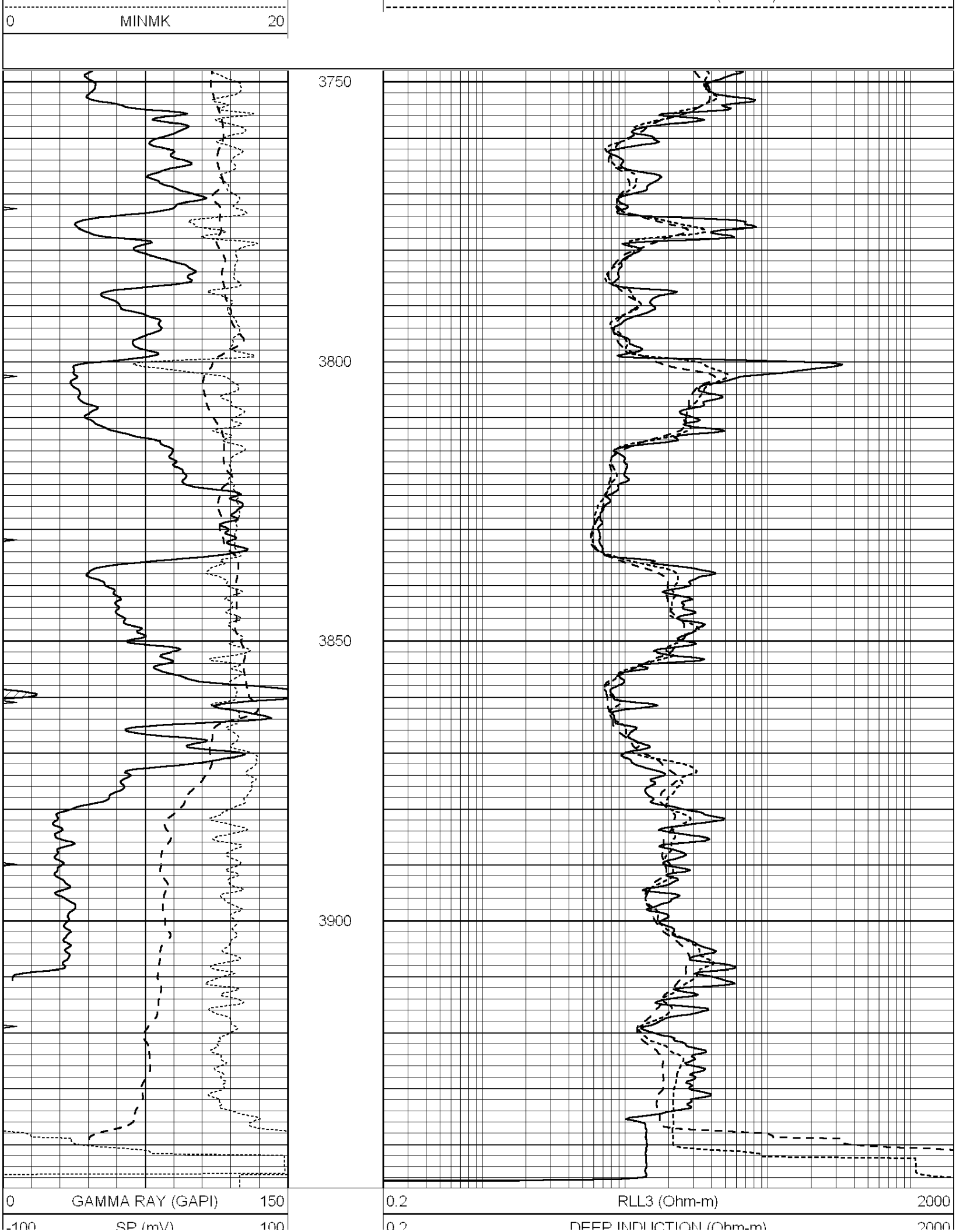
NABORS
COMPLETION & PRODUCTION SERVICES CO.

REPEAT SECTION

Database File: 23916ddn.db
Dataset Pathname: pass2.1
Presentation Format: _dil
Dataset Creation: Tue Mar 04 14:02:25 2014 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000


0
MINMK
20
3750
3800
3850
3900
0
GAMMA RAY (GAPI)
150
0.2
RLL3 (Ohm-m)
2000
-100
SP (mV)
100
0.2
DEEP INDUCTION (Ohm-m)
2000

-250	RxoRt	50
0	MINMK	20

0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

Calibration Report

Database File: 23916ddn.db
Dataset Pathname: pass3.1
Dataset Creation: Tue Mar 04 15:11:44 2014 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: DIL3-GEAR
Performed: Tue Mar 04 14:18:38 2014

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.011	0.656	V	0.000	400.000	mmho/m	500.000	7.000
Medium	0.013	0.740	V	0.000	462.500	mmho/m	600.000	7.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.002	0.645	V	0.000	400.000	mmho/m	560.000	-1.071
Medium	0.007	0.740	V	0.000	462.500	mmho/m	540.000	-4.000

Compensated Density Calibration Report

Serial-Model: GEAR1-GEARHART
Source / Verifier: 147 / 147
Master Calibration Performed: Tue Mar 04 14:12:48 2014

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	1211.27	625.92	cps
Aluminum	2.600	g/cc	267.11	413.26	cps

Spine Angle = 74.64 Density/Spine Ratio = 0.568

	Size		Reading	
Small Ring	8.20	in	5.18	V
Large Ring	14.00	in	8.18	V

Compensated Neutron Calibration Report

Serial Number: 080620
Tool Model: Probe

PRE-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

POST-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

Gamma Ray Calibration Report

Gamma Ray Calibration Report

Serial Number:	7	
Tool Model:	Probe1	
Performed:	Tue Mar 04 10:47:15 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.4500	GAPI/cps