KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1057511

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 9408
Name: Trans Pacific Oil Corporation
Address 1: 100 S MAIN STE 200
Address 2:
City: WICHITA State: KS Zip: 67202 + 3735
Contact Person: Glenna Lowe
Phone: (316) 262-3596
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Beth Isern
Purchaser: N.C.R.A.

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [ ] Gas
- [ ] D&A
- [ ] ENHR
- [ ] SIGW
- [ ] OG
- [ ] GSW
- [ ] Temp. Abd.
- [ ] CM *(Coal Bed Methane)*
- [ ] Cathodic
- [ ] Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

- [ ] Deepening
- [ ] Re-perf.
- [ ] Conv. to ENHR
- [ ] Conv. to SWD
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

04/01/2011	04/09/2011	05/10/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-063-21898-00-00
Spot Description:
N2 - NW - SE - NE Sec. 18 Twp. 14 S. R. 27 [ ] East [x] West
3795 Feet from [ ] North / [x] South Line of Section
990 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [x] SE [ ] SW
County: Gove
Lease Name: BRIGGS B Well #: 2-18
Field Name: Briggs
Producing Formation: Mississippi
Elevation: Ground: 2543 Kelly Bushing: 2549
Total Depth: 4340 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 252 Feet
Multiple Stage Cementing Collar Used? [x] Yes [ ] No
If yes, show depth set: 1997 Feet
If Alternate II completion, cement circulated from: 1997
feet depth to: 0 w/ 250 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 7000 ppm Fluid volume: 480 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. [ ] East [ ] West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- [x] **Letter of Confidentiality Received**
  Date: 06/14/2011
- [x] **Confidential Release Date:** 06/13/2013
- [x] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [ ] I [x] II [ ] III **Approved by:** NAOMI JAMES **Date:** 06/20/2011

Side Two

[redacted]

1057511

Operator Name: Trans Pacific Oil Corporation Lease Name: BRIGGS B Well #: 2-18

Sec. 18 Twp. 14 S. R. 27 ☐ East ☑ West County: Gove

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Dual Induction
Compensated Density/Neutron

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

See attached sheet

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	252	Common	165	3% cc, 2% gel
Production	7.875	4.5	10.5	4330	EA2	195	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
		500 gal 15% MCA	Open Hole

TUBING RECORD: Size: 2.375 Set At: 4295' Packer At:

Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 05/10/2011

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	125	0	3		

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☑ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

June 13, 2011

Glenna Lowe
Trans Pacific Oil Corporation
100 S MAIN STE 200
WICHITA, KS 67202-3735

Re: ACO1
API 15-063-21898-00-00
BRIGGS B 2-18
NE/4 Sec.18-14S-27W
Gove County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Glenna Lowe

SUPERIOR WELL SERVICES

SUPERIOR
Hays,
Kansas

DUAL INDUCTION LOG

Company	TRANS PACIFIC OIL CORP.
Well	BRIGGS B #2-18
Field	BRIGGS
County	GOVE
State	KANSAS

Company TRANS PACIFIC OIL CORPORATION

Well BRIGGS B #2-18

Field BRIGGS

County GOVE State KANSAS

Location: API # : 15-063-21898-0000 Other Services CDL/CNL

3795' FSL & 990' FEL
N/2 - NW - SE - NE
SEC 18 TWP 14S RGE 27W

Permanent Datum	GROUND LEVEL	Elevation 2540	Elevation
Log Measured From	KELLY BUSHING 9' A.G.L.		K.B. 2549
Drilling Measured From	KELLY BUSHING		D.F. 2547
			G.L. 2540

Date	4/9/11			
Run Number	ONE			
Depth Driller	4340			
Depth Logger	4341			
Bottom Logged Interval	4339			
Top Log Interval	0			
Casing Driller	8 5/8"@254'			
Casing Logger	251'			
Bit Size	7 7/8"			
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3000 PPM		
Density / Viscosity	9.5/58			
pH / Fluid Loss	10.0/8.8			
Source of Sample	FLOWLINE			
Rm @ Meas. Temp	1.50@78F			
Rmf @ Meas. Temp	1.13@78F			
Rmc @ Meas. Temp	1.80@78F			
Source of Rmf / Rmc	MEASUREMENT			
Rm @ BHT	0.98@119F			
Time Circulation Stopped	12 HOURS			
Time Logger on Bottom				
Maximum Recorded Temperature	119F			
Equipment Number	0836			
Location	HAYS, KANSAS			
Recorded By	JEFF GRONEWEG			
Witnessed By	BETH ISERN			

<<< Fold Here >>>

Comments

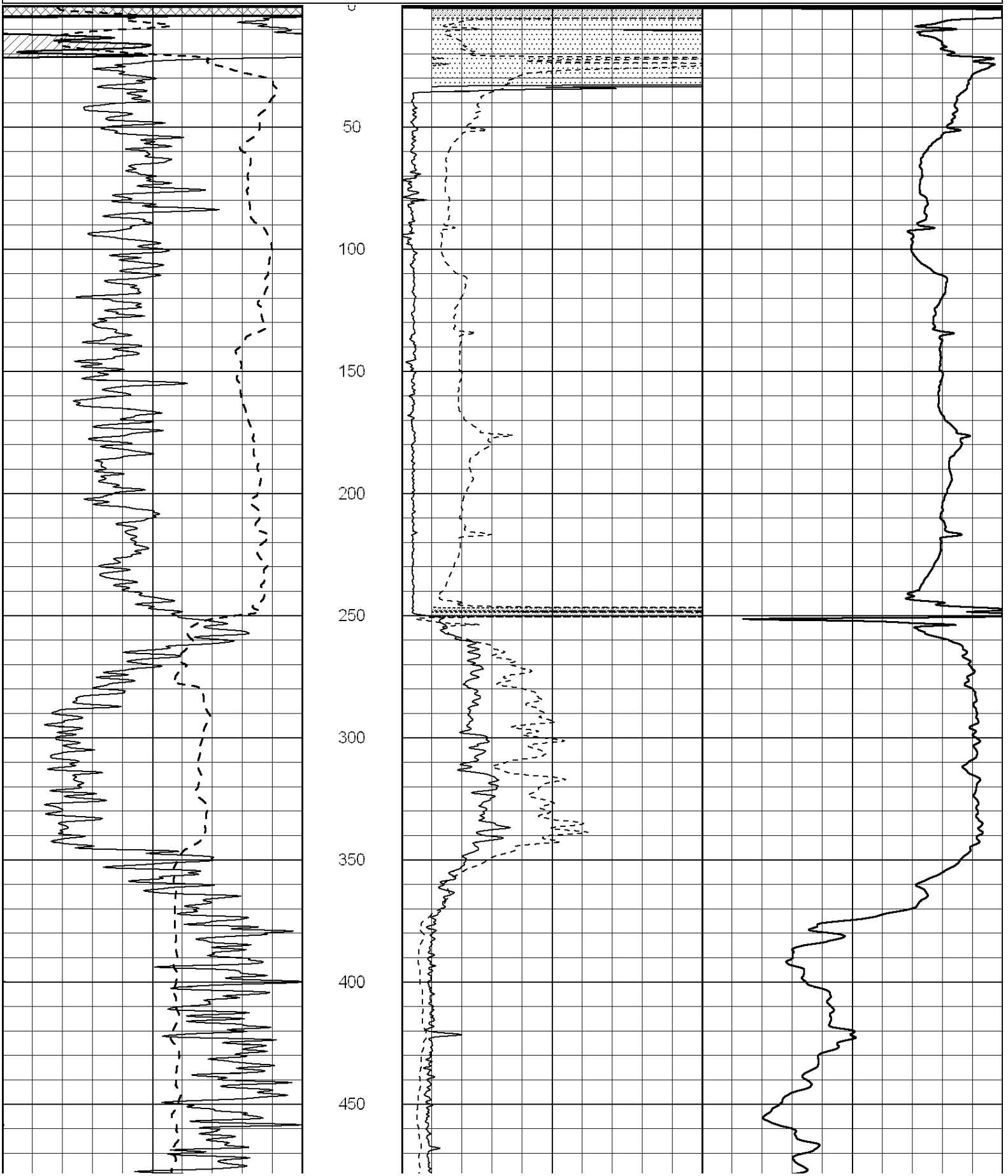
THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS
QUINTER, KS - 15 MILES SOUTH TO RD K - 5 1/4 MILES WEST
SOUTH INTO ON WEST SIDE OF TANK BATTERY

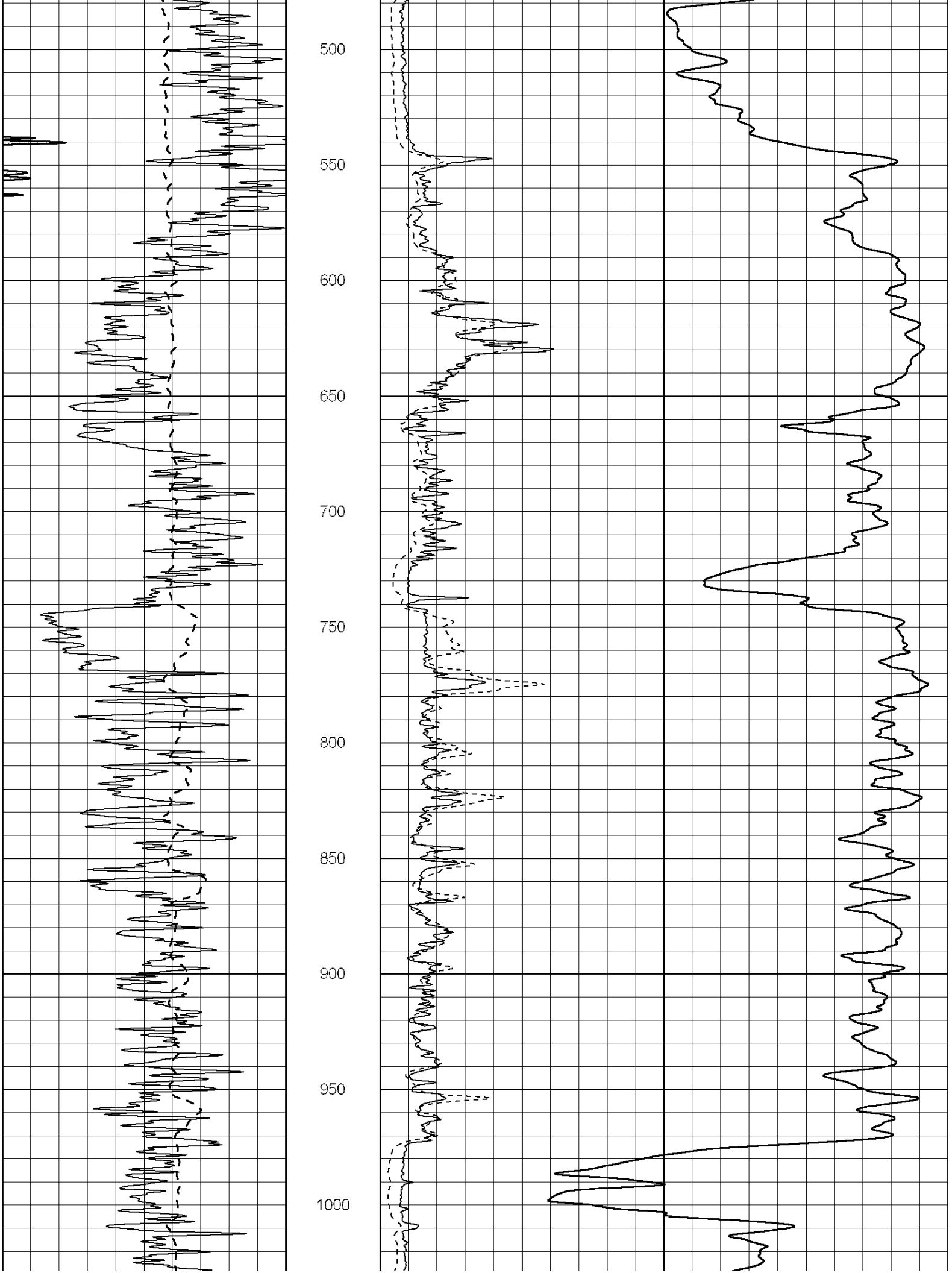
Database File:	006805ddn.db
Dataset Pathname:	pass3.9
Presentation Format:	dil2
Dataset Creation:	Sun Apr 10 01:37:04 2011
Charted by:	Depth in Feet scaled 1:600

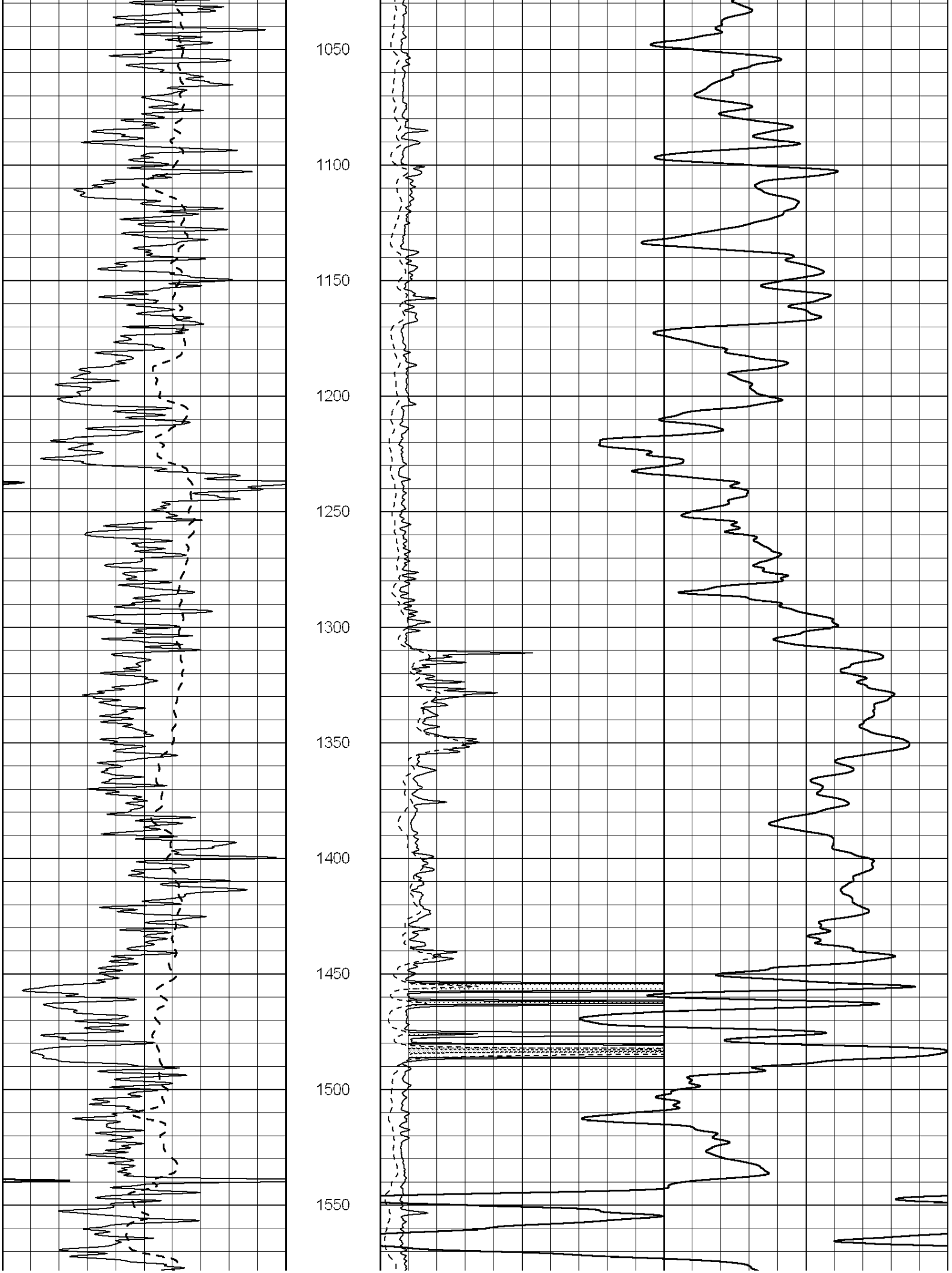
Charted by: Depth in Feet scaled 1:600

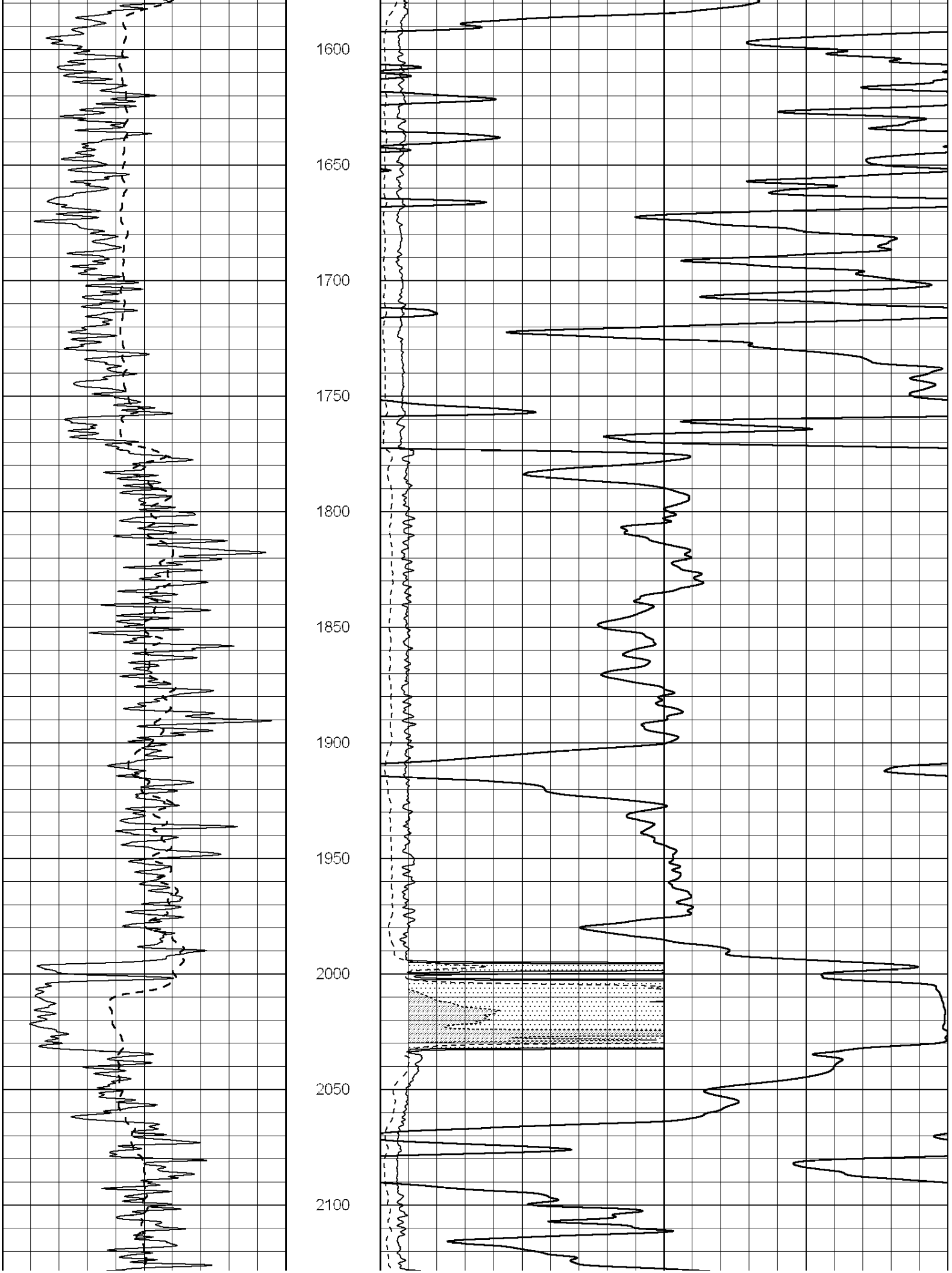
0	Gamma Ray (GAPI)	150
-100	SP (mV)	100

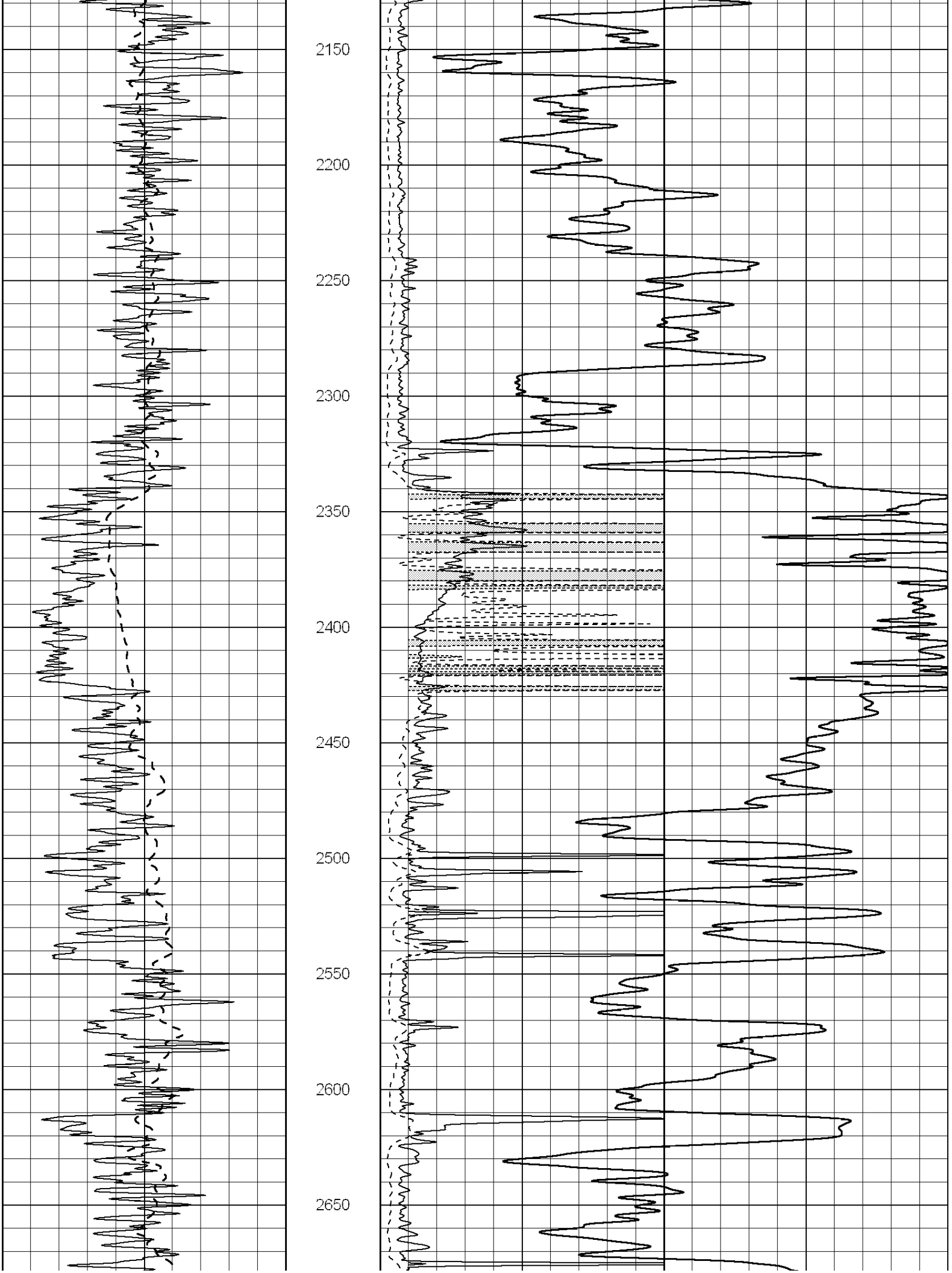
0	RLL3 (Ohm-m)	50
0	RILD (Ohm-m)	50
1000	CILD (mmho/m)	0
50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500

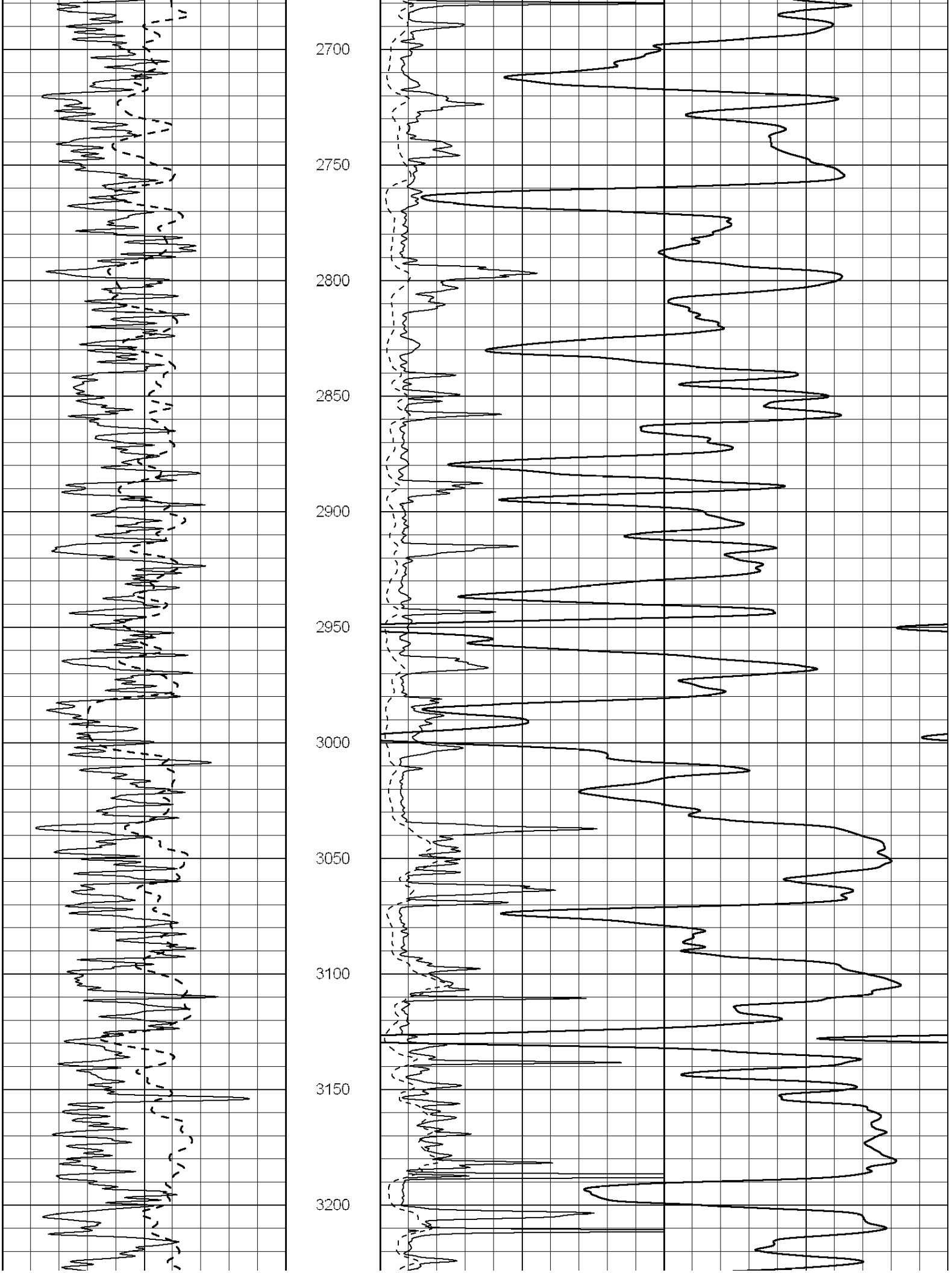


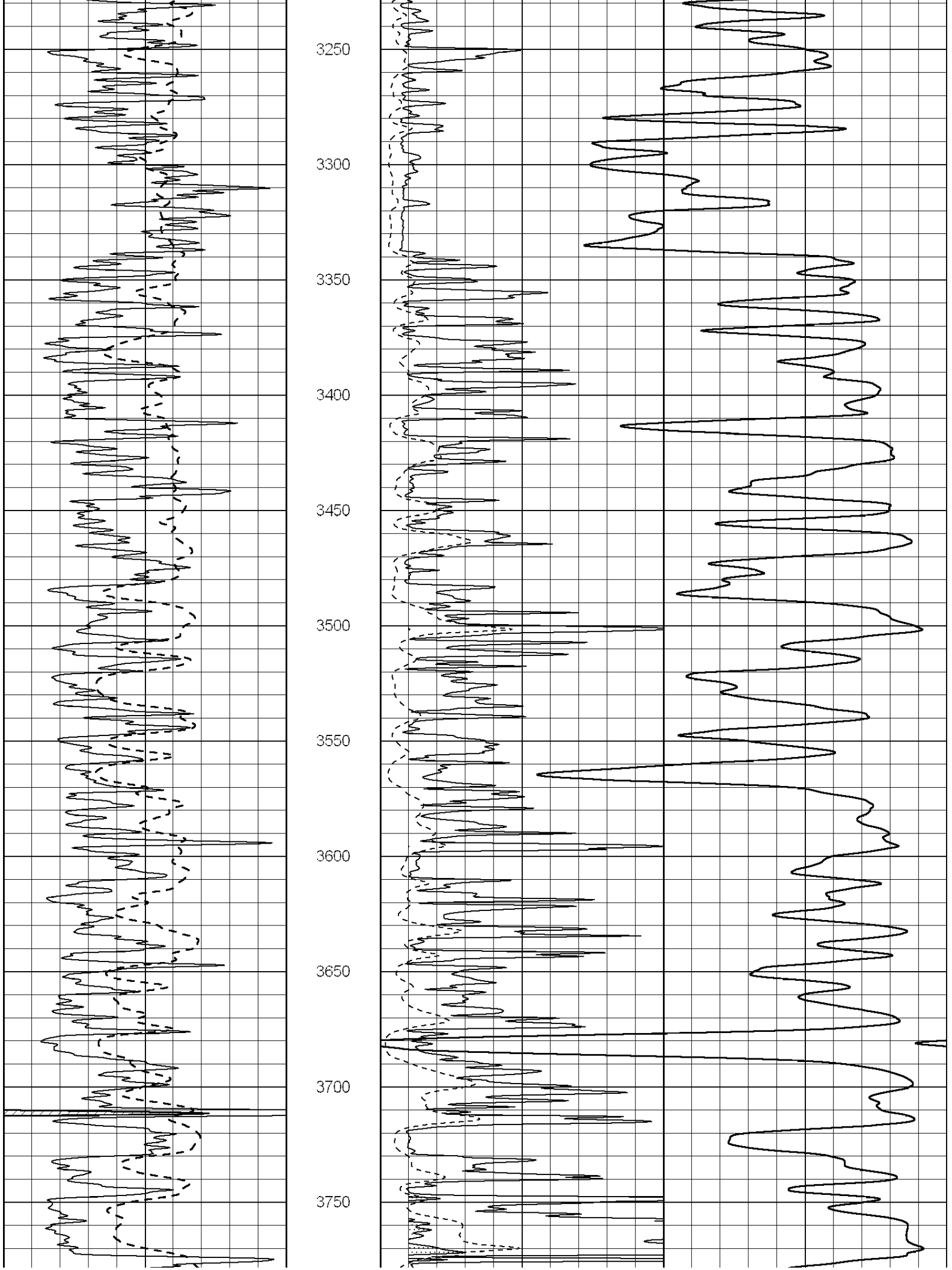

500
550
600
650
700
750
800
850
900
950
1000

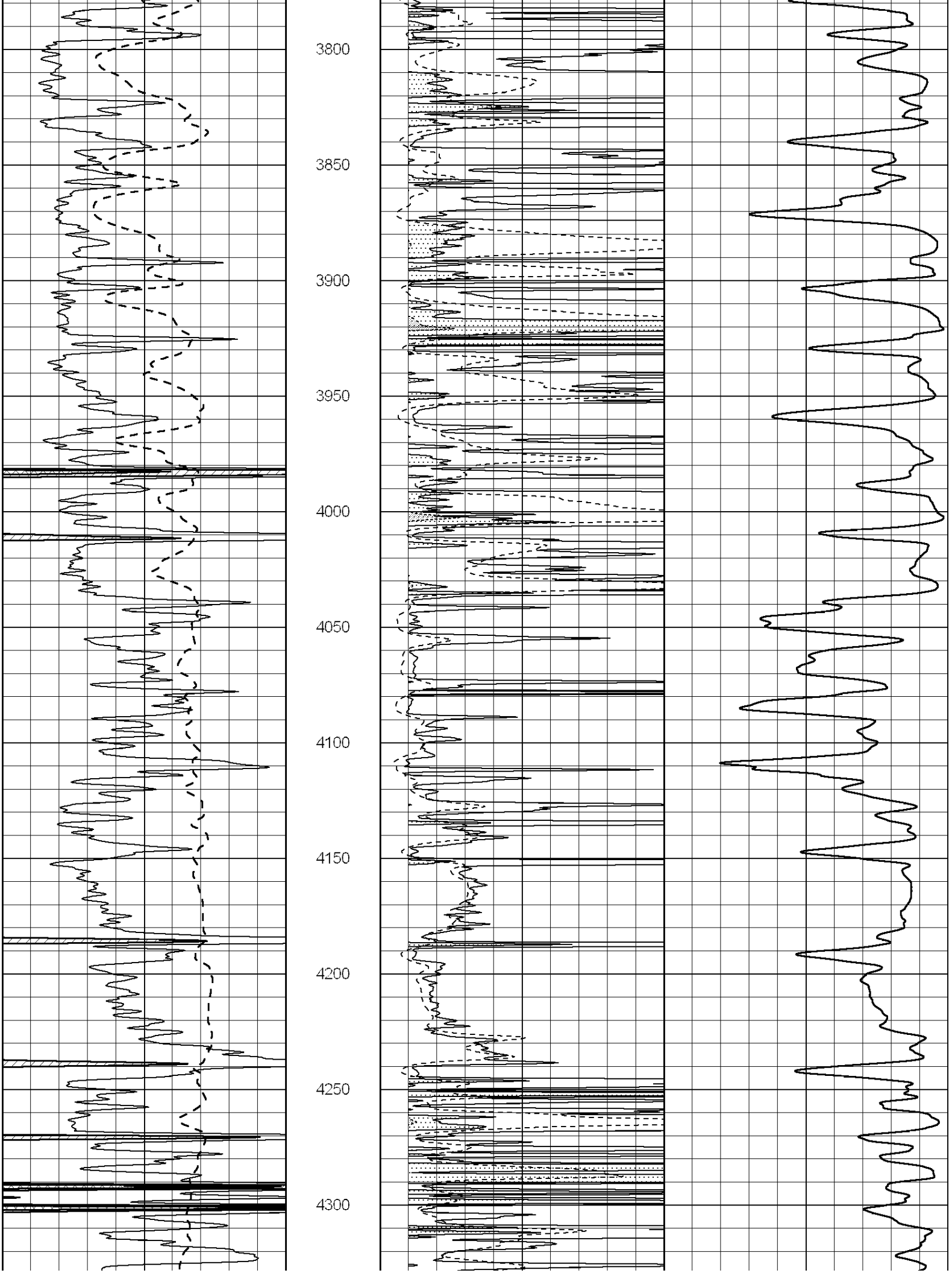

1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
1550

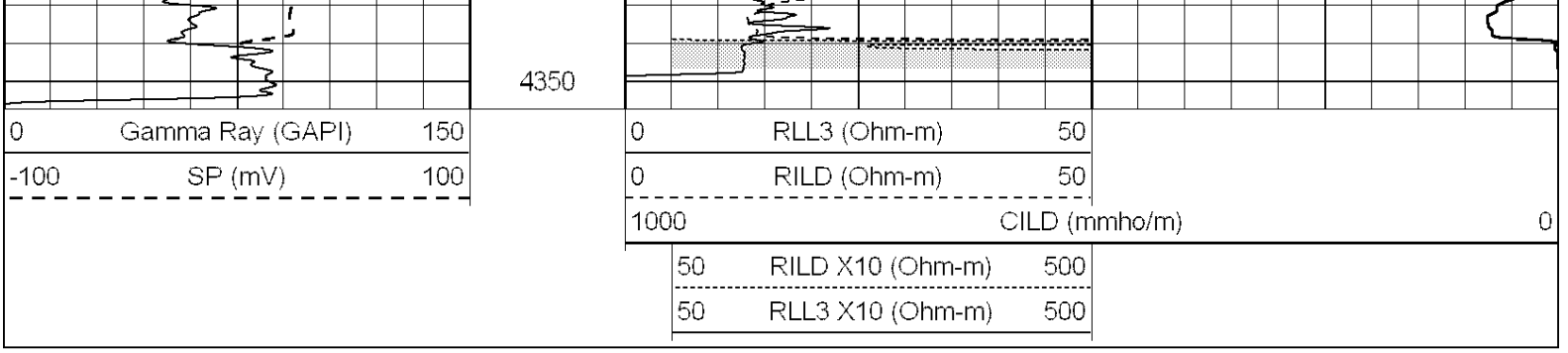

1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100


2150
2200
2250
2300
2350
2400
2450
2500
2550
2600
2650

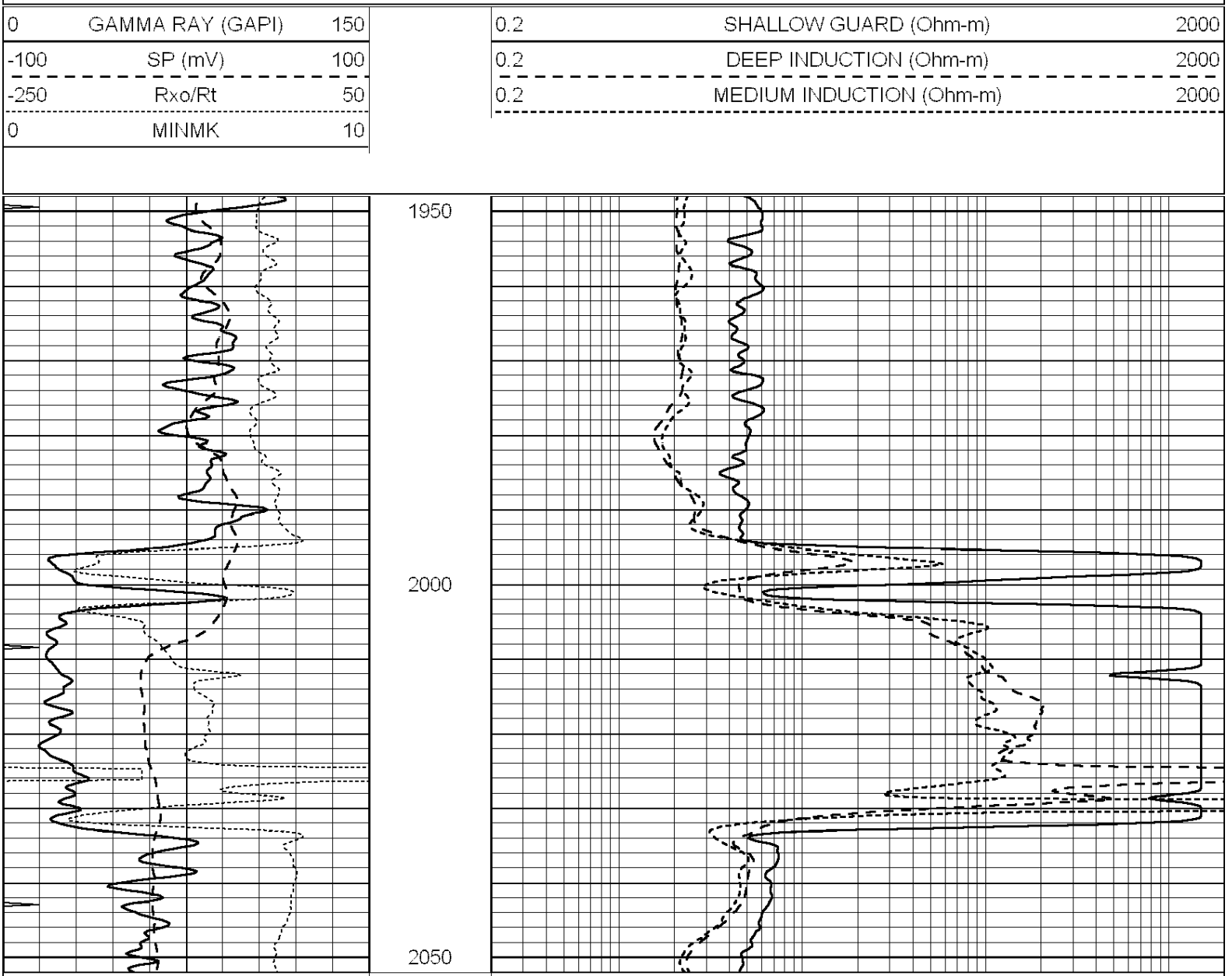

2700
2750
2800
2850
2900
2950
3000
3050
3100
3150
3200


3250
3300
3350
3400
3450
3500
3550
3600
3650
3700
3750


3800
3850
3900
3950
4000
4050
4100
4150
4200
4250
4300



Database File: 006805ddn.db
Dataset Pathname: pass3.9
Presentation Format: dil
Dataset Creation: Sun Apr 10 01:37:04 2011
Charted by: Depth in Feet scaled 1:240

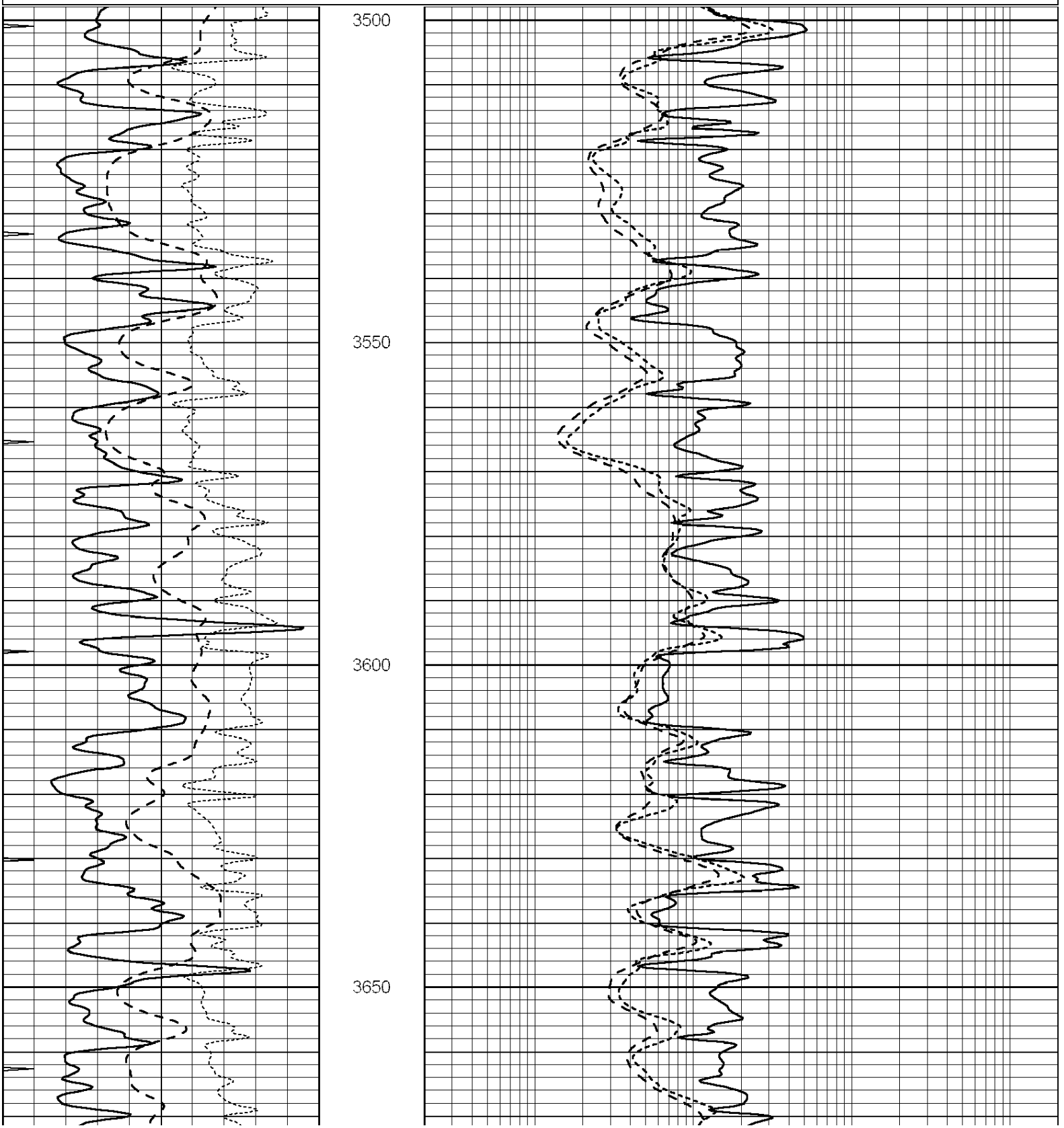


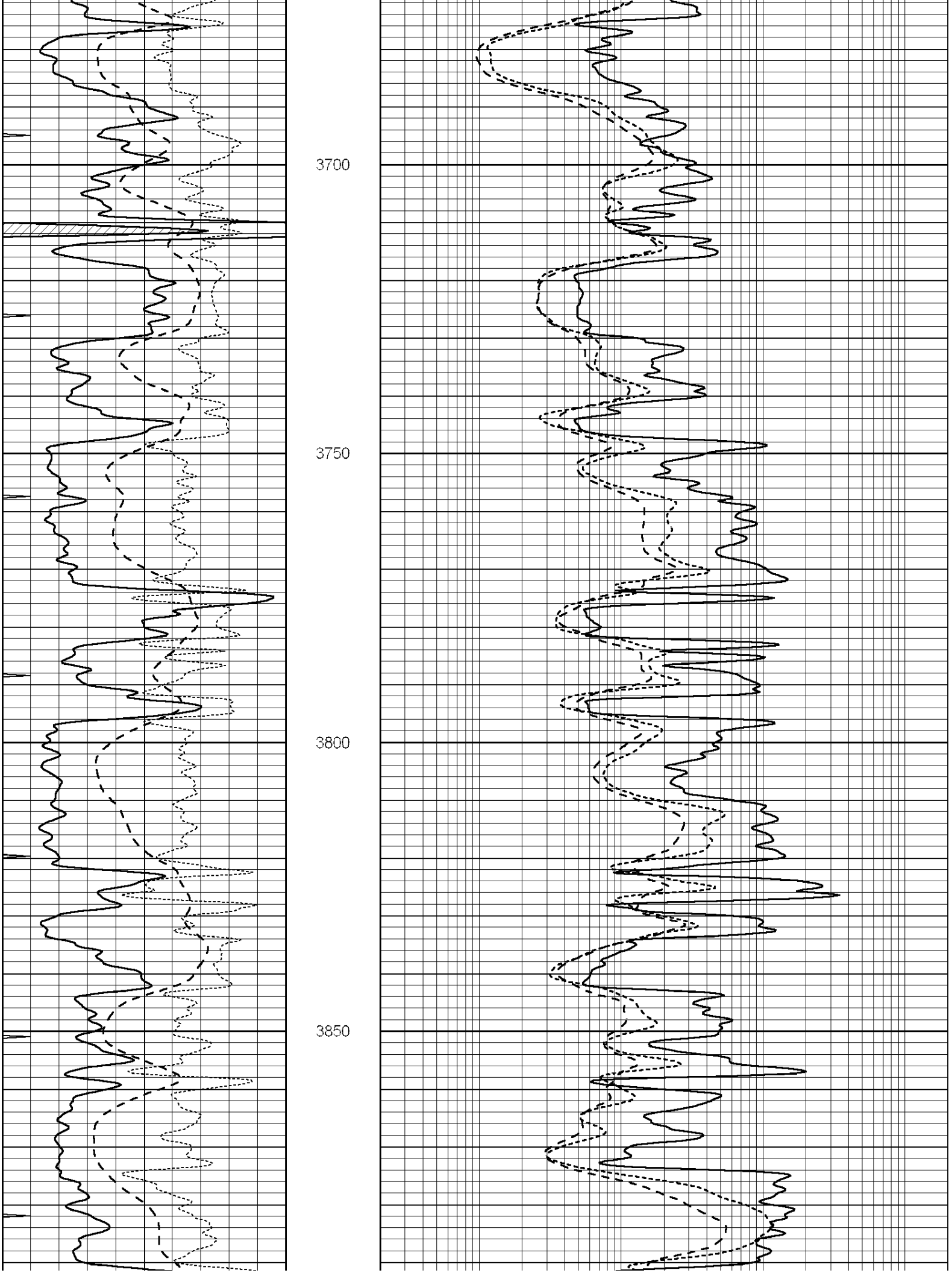
0 GAMMA RAY (GAPI) 150
-100 SP (mV) 100
-250 Rxo/Rt 50
0 MINMK 10
0.2 SHALLOW GUARD (Ohm-m) 2000
0.2 DEEP INDUCTION (Ohm-m) 2000
0.2 MEDIUM INDUCTION (Ohm-m) 2000

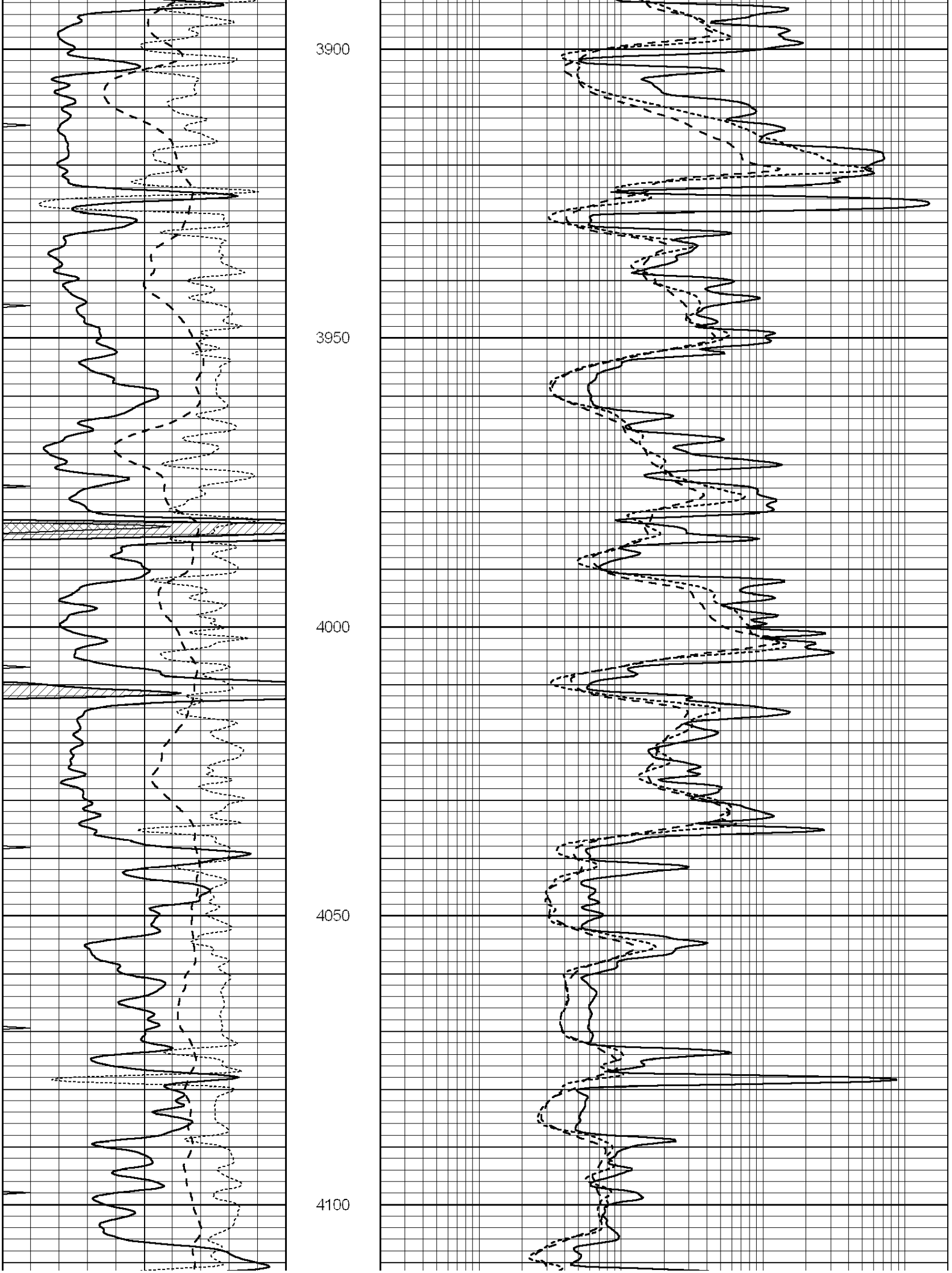
Database File:	006805ddn.db
Dataset Pathname:	pass3.9
Presentation Format:	dil
Dataset Creation:	Sun Apr 10 01:37:04 2011
Charted by:	Depth in Feet scaled 1:240

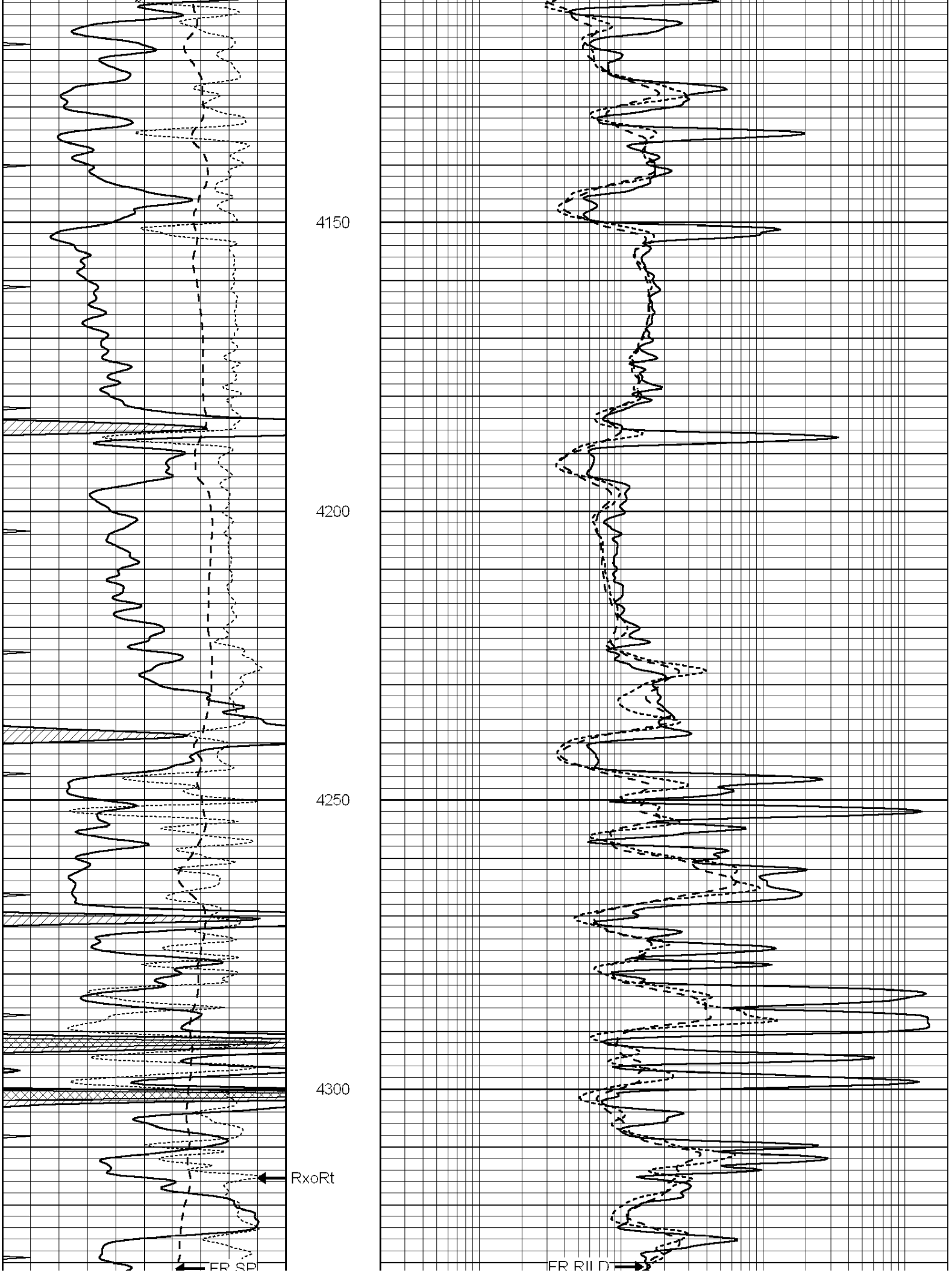
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	10

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




3700
3750
3800
3850


3900
3950
4000
4050
4100


4150
4200
4250
4300
RxoRt
FR SP
FR RILD

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	10

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

SUPERIOR
WELL SERVICES

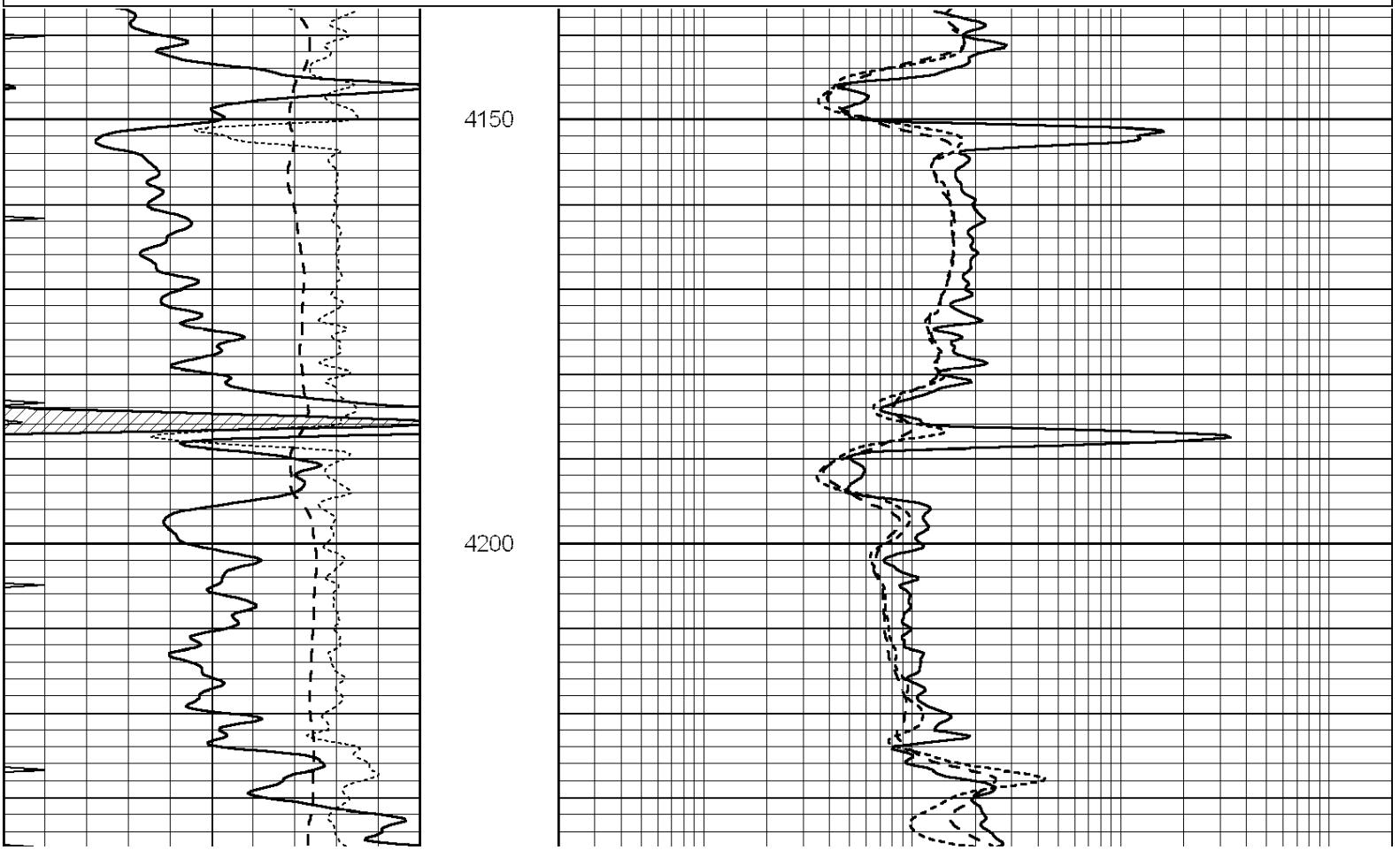
SUPERIOR
Hays,
Kansas

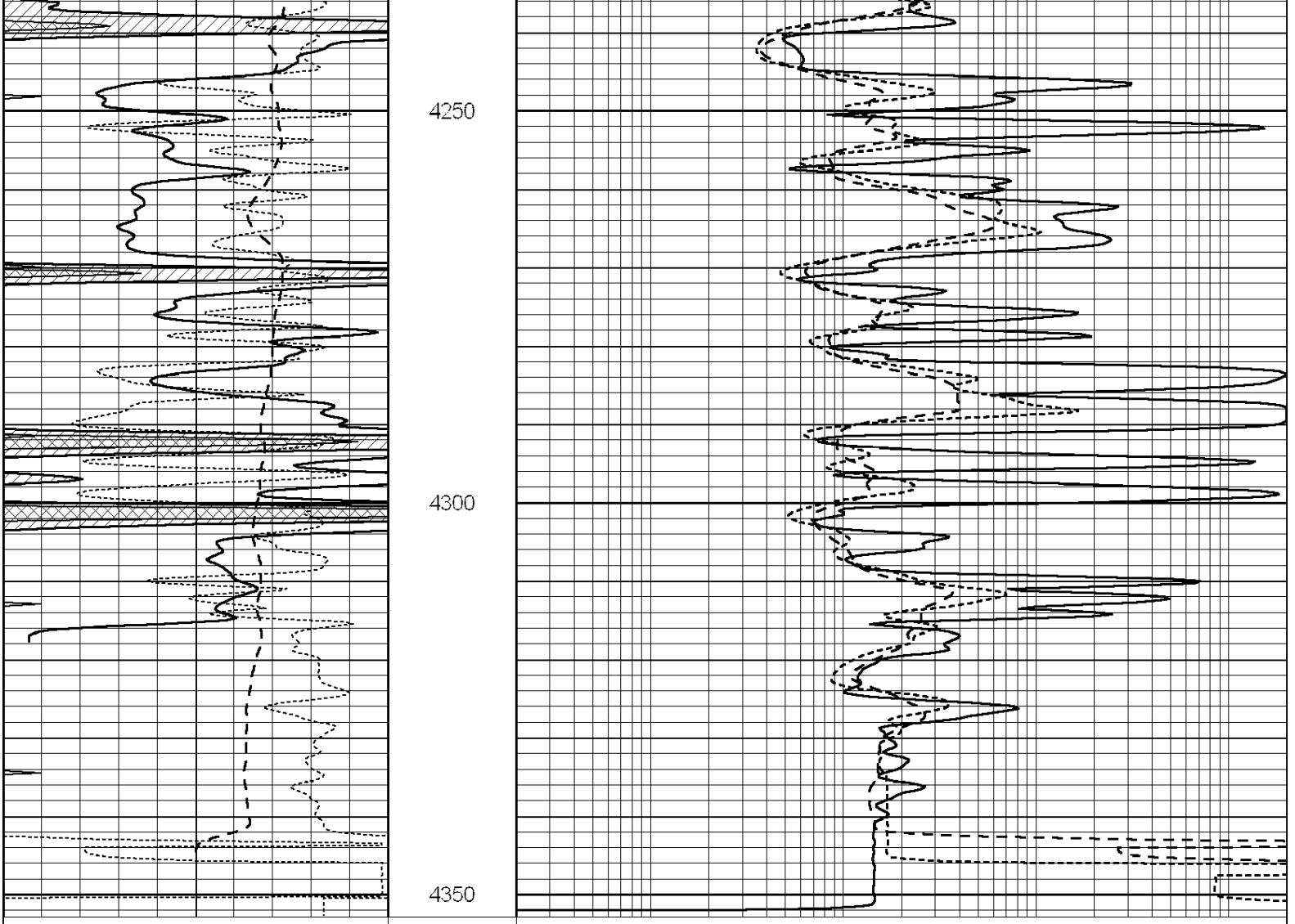
REPEAT SECTION

Database File:	006805ddn.db
Dataset Pathname:	pass2.1
Presentation Format:	dil
Dataset Creation:	Sun Apr 10 01:40:56 2011 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	10

0.2	SHALLOW GUARD (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	Rxo/Rt	50
0	MINMK	10

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

Calibration Report

Database File: 006805ddn.db
Dataset Pathname: pass3.9
Dataset Creation: Sun Apr 10 01:37:04 2011

Dual Induction Calibration Report

Serial-Model: DIL6-GEAR
Performed: Tue Mar 29 02:36:46 2011

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.001	0.644	V	0.000	400.000	mmho/m	660.000	-4.000
Medium	0.020	0.738	V	0.000	462.500	mmho/m	740.000	-21.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.000	1.000	V	0.000	1.000	mmho/m	1.000	0.000
Medium	0.000	1.000	V	0.000	1.000	mmho/m	1.000	0.000

Litho Density Calibration Report
Serial: 006 Model: PRB
Performed Sun Aug 15 09:48:41 2010

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1686.6	11612.8	3932.0	12718.8	cps
Window 2	1531.4	9204.7	3267.8	9851.9	cps
Window 3	1198.3	4733.6	1952.5	4920.6	cps
Window 4	317.3	321.2	325.9	303.6	cps
Long Space	0.0	7673.3	1736.4	8320.4	cps
Short Space	1.7	2548.5	1657.2	2628.8	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe			2.5700	1.5500	

Rib Angle	: 43.8	Rib Slope	: 0.961	Density/Spine Ratio	: 0.569
Spine Angle	: 73.8	Spine Slope	: 3.453	Spine Intercept	: -18.1

Caliper

	Readings	Reference
Low Ref	4.0	6.7
High Ref	6.2	14.0
	Gain: 3.2	Offset: -6.2

Compensated Neutron Calibration Report

Serial Number: NEU_4I
Tool Model: G

CALIBRATION

Detector	Readings		Target		Normalization
Short Space	996.00	cps	1000.00	cps	1.0000
Long Space	977.00	cps	1000.00	cps	1.0000

Gamma Ray Calibration Report

Serial Number: GR4
Tool Model: OPEN
Performed: Mon Apr 04 09:01:02 2011

Calibrator Value: 200.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 189.0 cps

Sensitivity: 1.7000 GAPI/cps

SUPERIOR WELL SERVICES

SUPERIOR
Hays,
Kansas

COMPENSATED DENSITY / NEUTRON LOG

Company	TRANS PACIFIC OIL CORP.
Well	BRIGGS B #2-18
Field	BRIGGS
County	GOVE
State	KANSAS

Company TRANS PACIFIC OIL CORPORATION

Well BRIGGS B #2-18

Field BRIGGS

County GOVE State KANSAS

Location: API # : 15-063-21898-0000

3795' FSL & 990' FEL
N/2 - NW - SE - NE
SEC 18 TWP 14S RGE 27W

Other Services: DIL

Permanent Datum	GROUND LEVEL	Elevation 2540	Elevation K.B. 2549
Log Measured From	KELLY BUSHING 9' A.G.L.		D.F. 2547
Drilling Measured From	KELLY BUSHING		G.L. 2540

Date	4/9/11		
Run Number	ONE		
Depth Driller	4340		
Depth Logger	4341		
Bottom Logged Interval	4317		
Top Log Interval	3500		
Casing Driller	8 5/8"@254'		
Casing Logger	251'		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3000 PPM	
Density / Viscosity	9.5/58		
pH / Fluid Loss	10.0/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.50@78F		
Rmf @ Meas. Temp	1.13@78F		
Rmc @ Meas. Temp	1.80@78F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	0.98@119F		
Time Circulation Stopped	12 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	119F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	JEFF GRONEWEG		
Witnessed By	BETH ISERN		

<<< Fold Here >>>

Comments

THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS
QUINTER, KS - 15 MILES SOUTH TO RD K - 5 1/4 MILES WEST
SOUTH INTO ON WEST SIDE OF TANK BATTERY

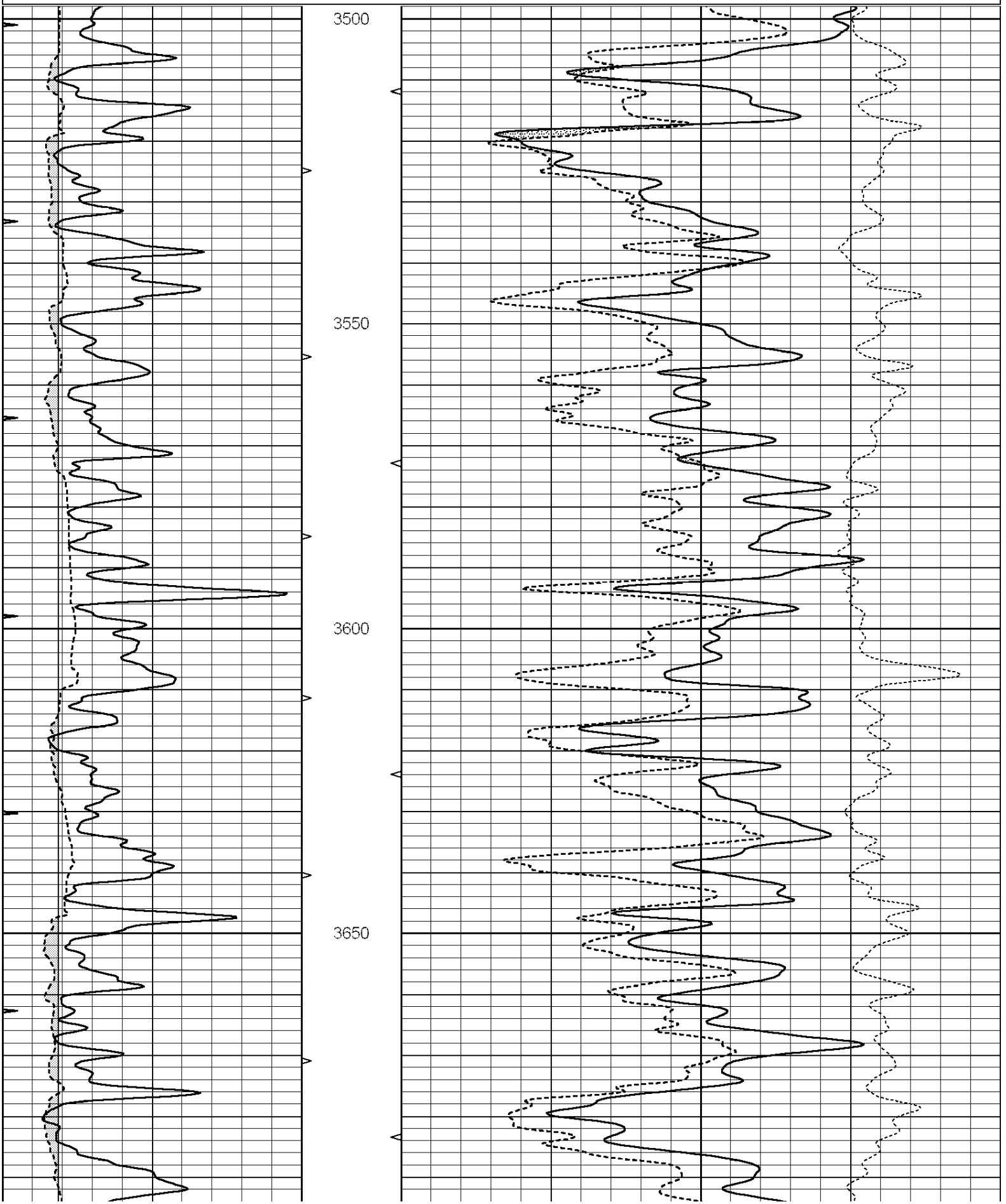
Database File:	006805ddn.db
Dataset Pathname:	pass3.9
Presentation Format:	den_neu
Dataset Creation:	Sun Apr 10 01:37:04 2011
Charted by:	Depth in Feet scaled 1:240

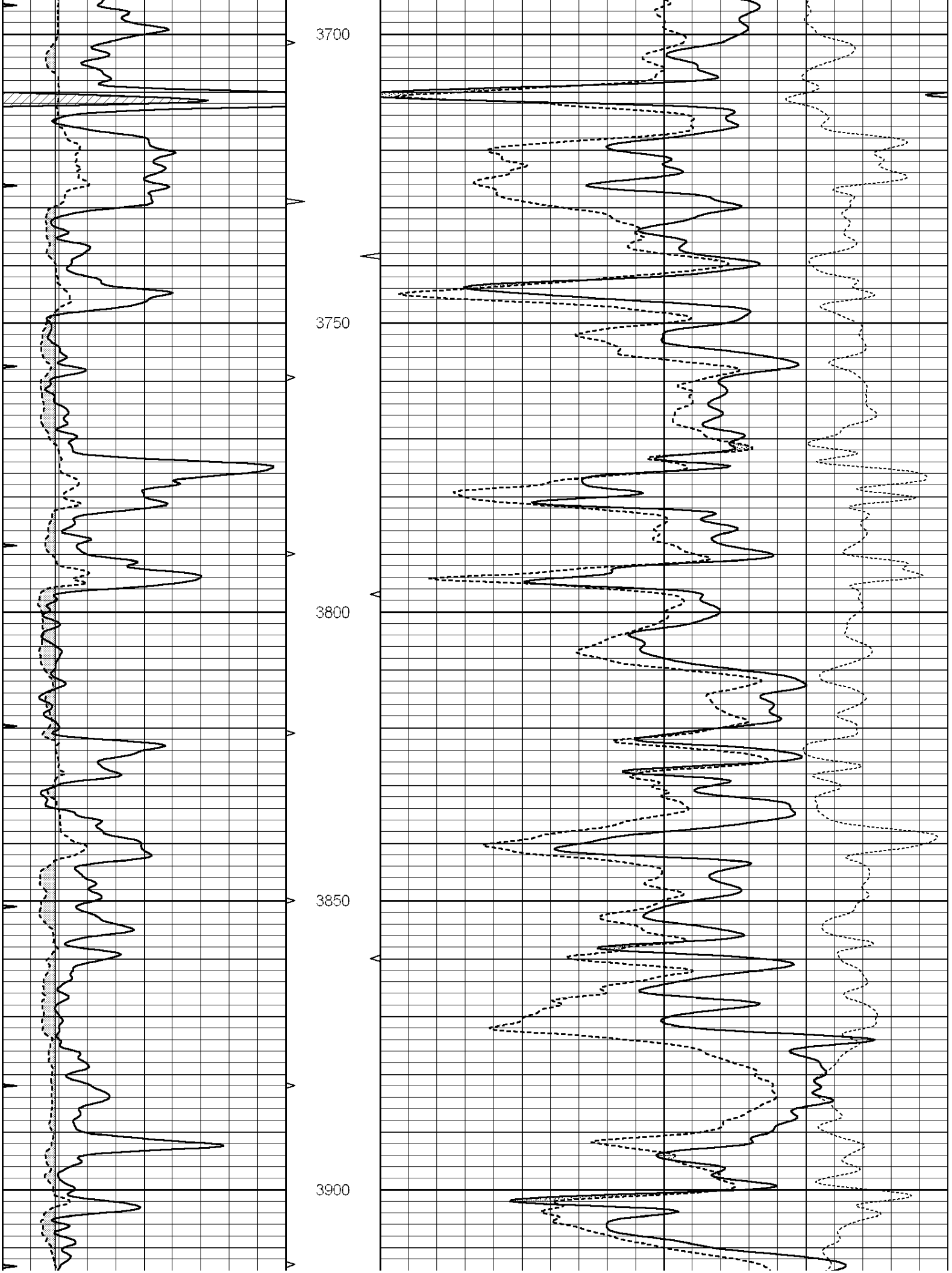
Charted by: Depth in Feet scaled 1:240

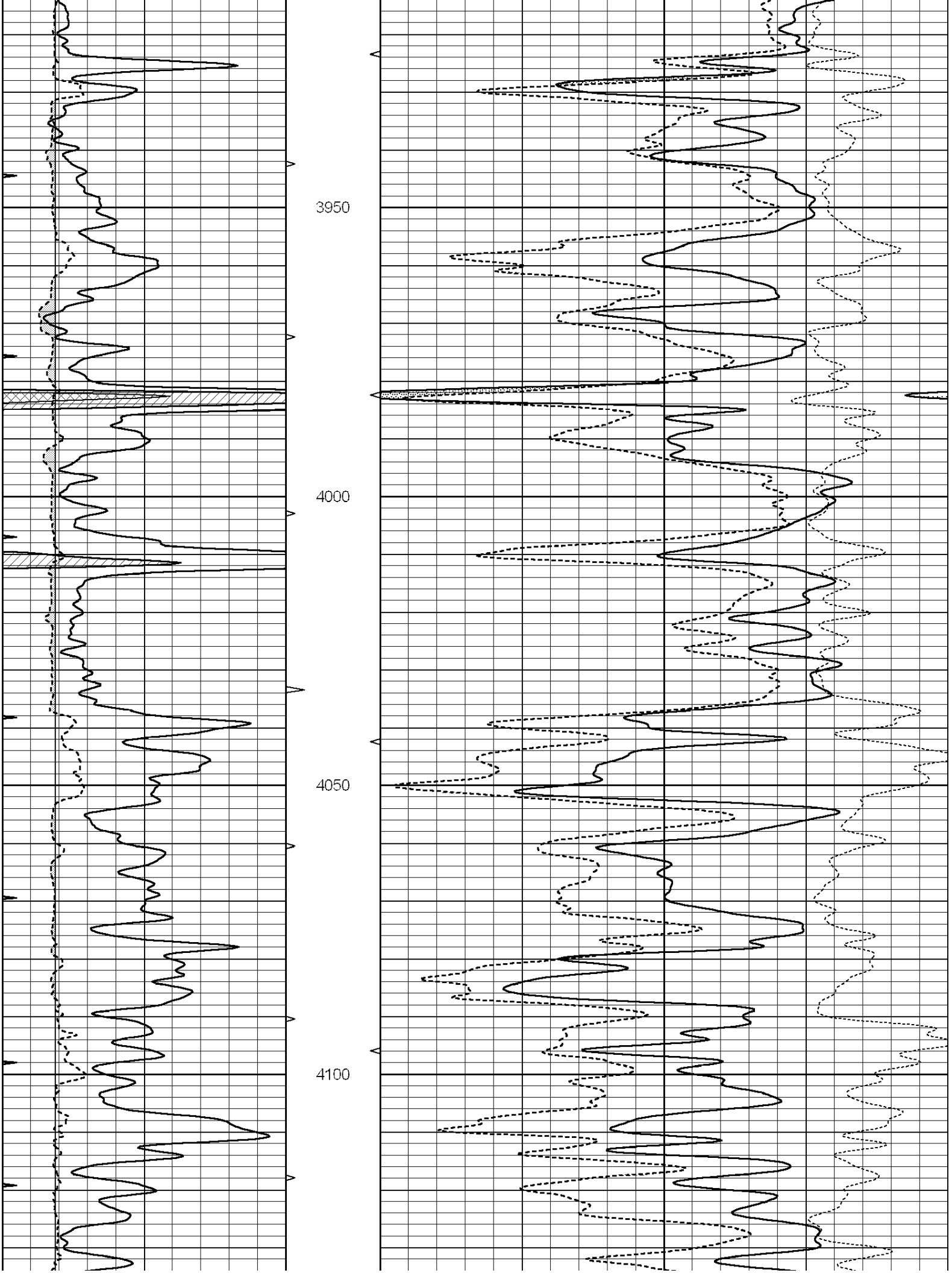
0	GAMMA RAY (GAPI)	150
6	CALIPER (in)	16
0	MINMK	20

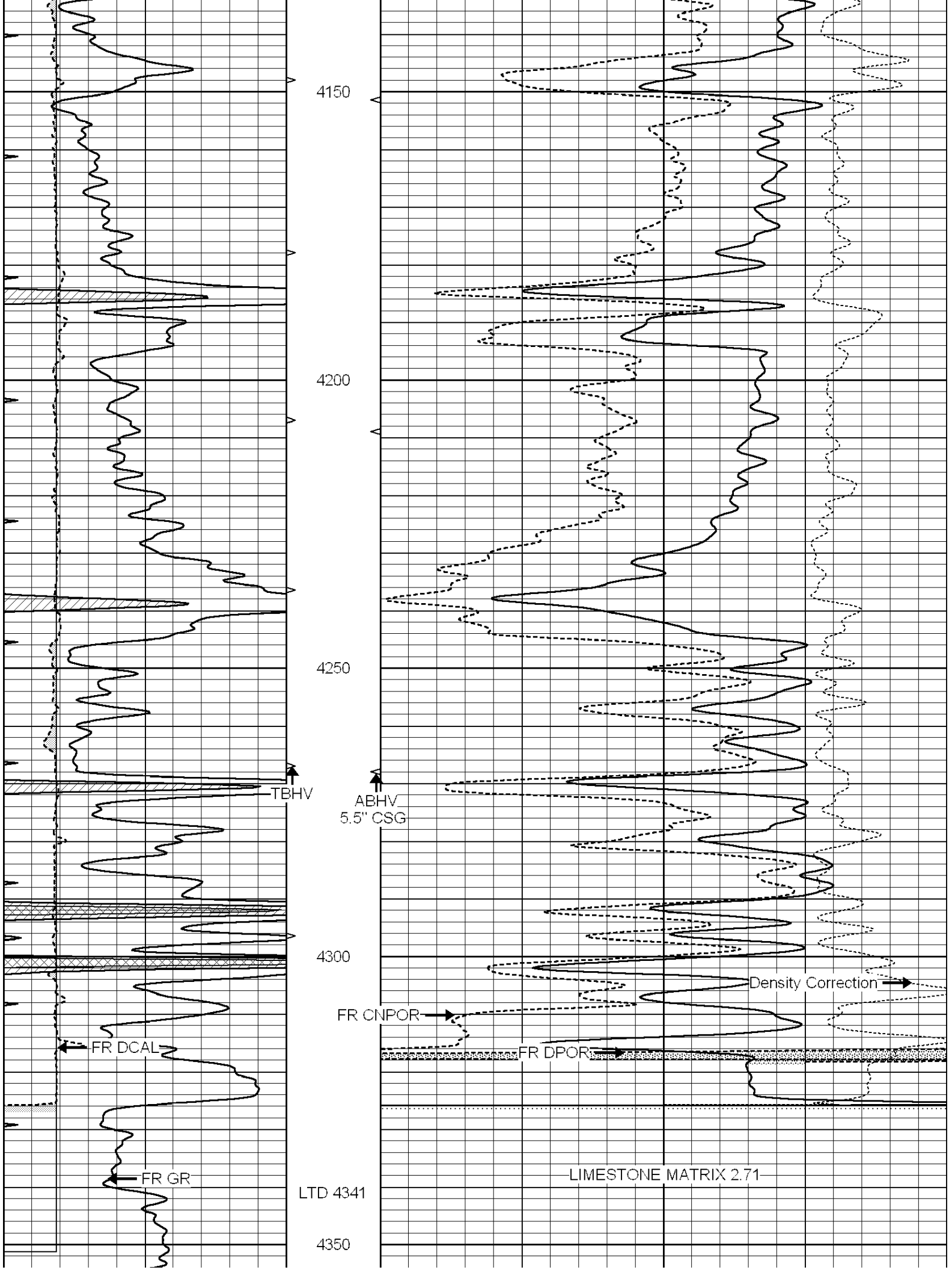
ABHV		
10	(ft3)	0
TBHV		
0	(ft3)	10

30	COMPENSATED DENSITY (pu)	-10
30	COMPENSATED NEUTRON (pu)	-10
-0.25	CORRECTION (g/cc)	0.25




3700
3750
3800
3850
3900


3950
4000
4050
4100


4150
4200
4250
TBHV
ABHV
5.5" CSG
4300
Density Correction
FR CNPOR
FR DPOR
FR DCAL
FR GR
LIMESTONE MATRIX 2.71
LTD 4341
4350

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu) -10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu) -10
0	MINMK	20	TBHV	-0.25	CORRECTION (g/cc) 0.25
			0 (ft3) 10		

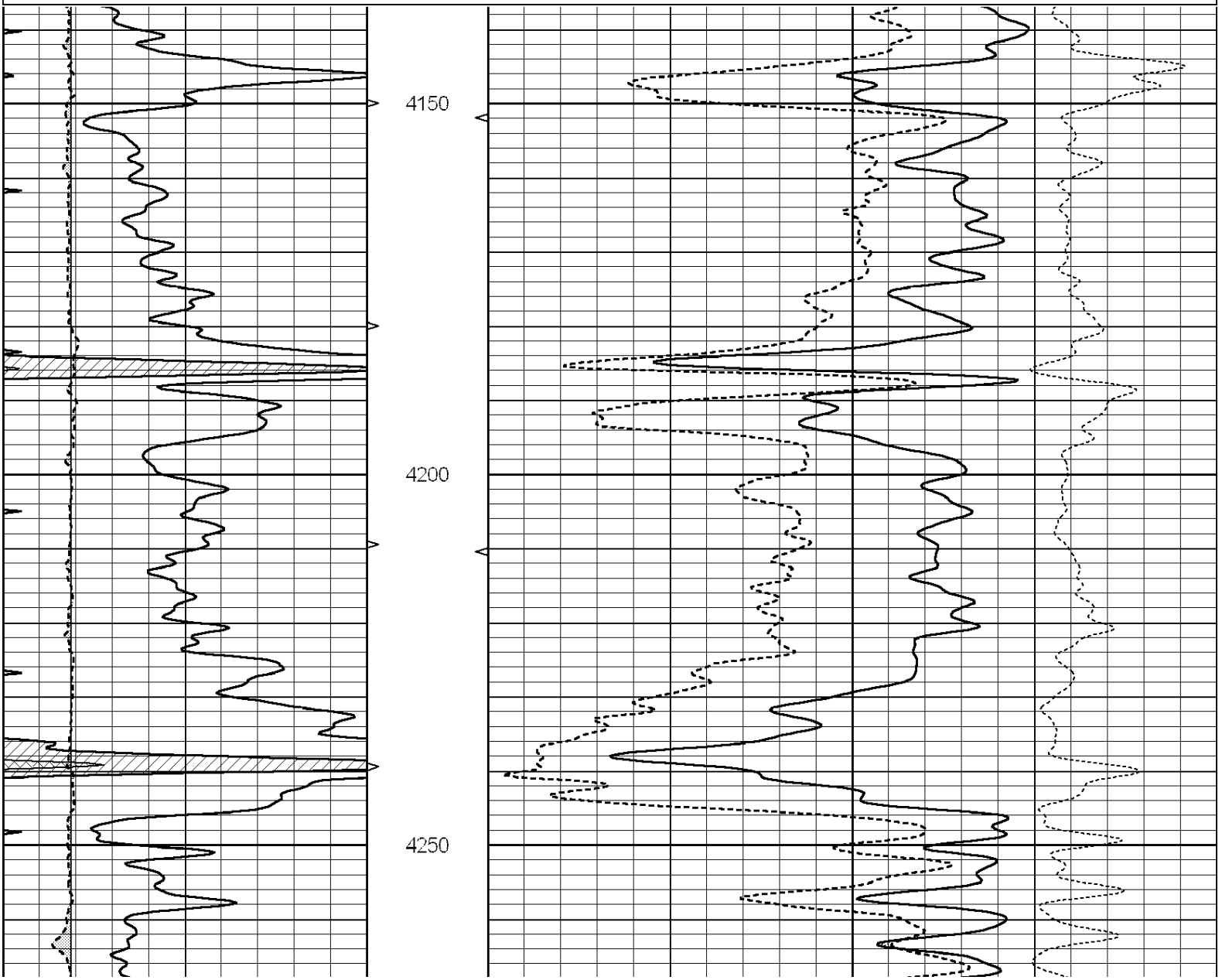
SUPERIOR WELL SERVICES

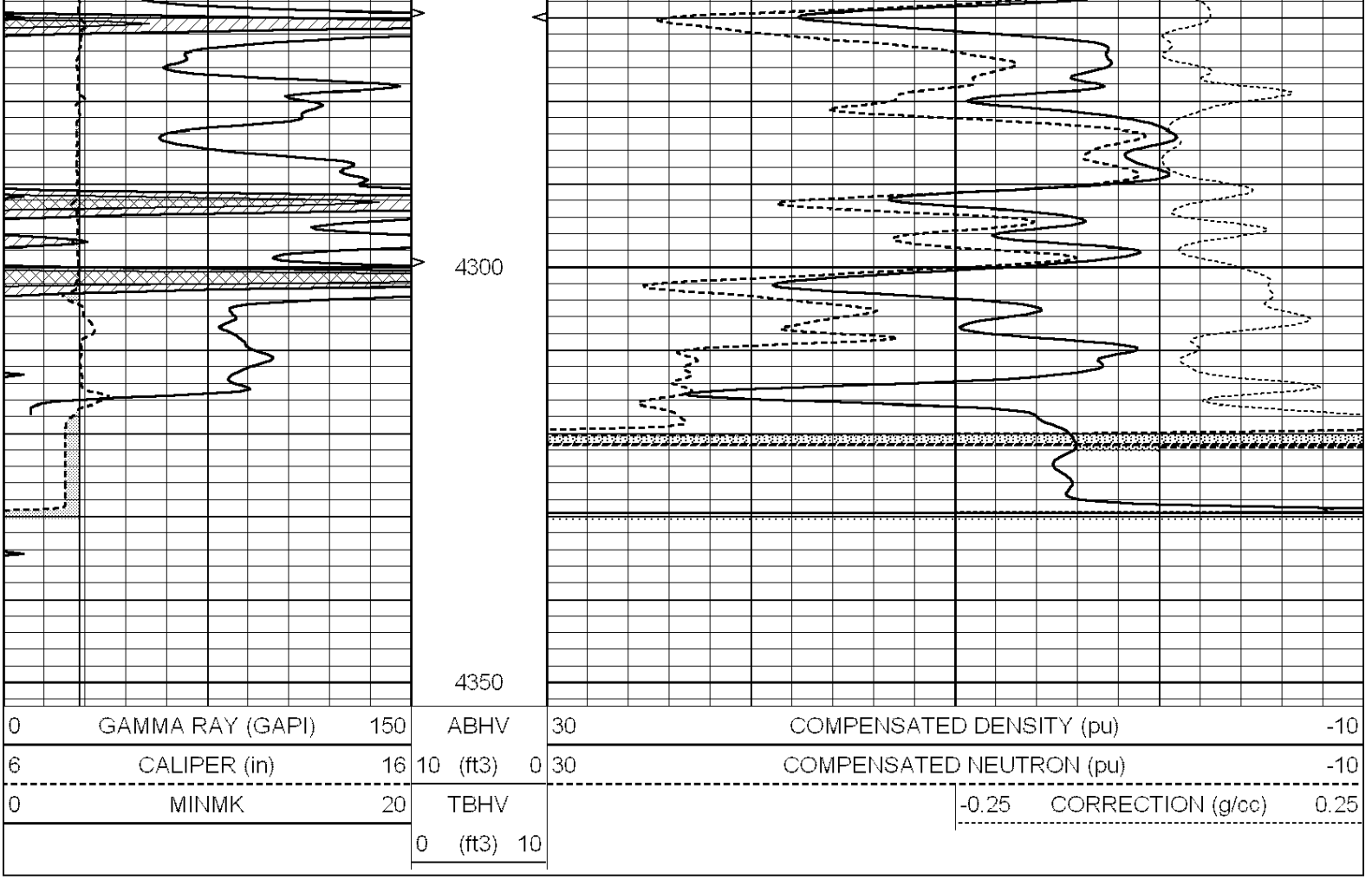
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 006805ddn.db
Dataset Pathname: pass2.1
Presentation Format: den_neu
Dataset Creation: Sun Apr 10 01:40:56 2011 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu) -10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu) -10
0	MINMK	20	TBHV	-0.25	CORRECTION (g/cc) 0.25
			0 (ft3) 10		





Calibration Report

Database File: 006805ddn.db
Dataset Pathname: pass3.9
Dataset Creation: Sun Apr 10 01:37:04 2011

Dual Induction Calibration Report

Serial-Model: DIL6-GEAR
Performed: Tue Mar 29 02:36:46 2011

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.001	0.644	V	0.000	400.000	mmho/m	660.000	-4.000
Medium	0.020	0.738	V	0.000	462.500	mmho/m	740.000	-21.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.000	1.000	V	0.000	1.000	mmho/m	1.000	0.000
Medium	0.000	1.000	V	0.000	1.000	mmho/m	1.000	0.000

Litho Density Calibration Report

Serial: 006 Model: PRB
Performed Sun Aug 15 09:48:41 2010

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1686.6	11612.8	3932.0	12718.8	cps
Window 2	1531.4	9204.7	3267.8	9851.9	cps
Window 3	1198.3	4733.6	1952.5	4920.6	cps
Window 4	317.3	321.2	325.9	303.6	cps

Long Space	0.0	7673.3	1736.4	8320.4	cps
Short Space	1.7	2548.5	1657.2	2628.8	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe			2.5700	1.5500	

Rib Angle	: 43.8	Rib Slope	: 0.961	Density/Spine Ratio	: 0.569
Spine Angle	: 73.8	Spine Slope	: 3.453	Spine Intercept	: -18.1

Caliper

	Readings	Reference
Low Ref	4.0	6.7
High Ref	6.2	14.0
	Gain: 3.2	Offset: -6.2

Compensated Neutron Calibration Report

Serial Number: NEU_4I
Tool Model: G

CALIBRATION

Detector	Readings		Target		Normalization
Short Space	996.00	cps	1000.00	cps	1.0000
Long Space	977.00	cps	1000.00	cps	1.0000

Gamma Ray Calibration Report

Serial Number: GR4
Tool Model: OPEN
Performed: Mon Apr 04 09:01:02 2011

Calibrator Value: 200.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 189.0 cps

Sensitivity: 1.7000 GAPI/cps

ALLIED CEMENTING CO., LLC. 039901

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Oakley KS

DATE 4/1/11	SEC. 18	TWP. 14	RANGE 27	CALLED OUT	ON LOCATION	JOB START 6:00p	JOB FINISH 6:30p
LEASE Briggs	WELL # 2-18	LOCATION Cove 6E Rd 58 S 8 1/2 E				COUNTY Cove	STATE KS
OLD OR NEW (circle one)		Sinto					

CONTRACTOR Ruckey
TYPE OF JOB Surface
HOLE SIZE 12 1/4 T.D. 254.0
CASING SIZE 8 5/8 DEPTH 252.0
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 15.096 9

OWNER Same

CEMENT
AMOUNT ORDERED 165 Com
3% CC 2% Gel

EQUIPMENT

PUMP TRUCK CEMENTER Alan
422 HELPER Wayne
BULK TRUCK
404 DRIVER Mike - Jerry
BULK TRUCK
DRIVER

COMMON	165	@ 16.25	2681.25
POZMIX		@	
GEL	3	@ 21.25	63.75
CHLORIDE	6	@ 58.20	349.20
ASC		@	
HANDLING	174	@ 2.25	391.50
MILEAGE 174 SK mile			861.30
		TOTAL	4347.00

REMARKS:
Run 8 5/8 Csg, Circulate Mix Cement
Displace Plug, Wash Out Cellar
Cement Did Circulate
Thank You
Plug, Wayne, Mike Jerry

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		1125.00
EXTRA FOOTAGE	@	
MILEAGE 45 X 2	@ 7.00	630.00
MANIFOLD + Head	@	200.00
4 Vehicle HD X 2	@ 40.00	360.00
	@	
	TOTAL	2315.00

CHARGE TO: Trans Pacific
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

Wooden Plug 8 5/8	@	69.00
	@	
	@	
	@	
	@	
	TOTAL	69.00

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Rich Wheeler

SIGNATURE Rich Wheeler

SWIFT Services, Inc.

PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 17446

CUSTOMER: Trans Pacific Oil | WELL: 2-18 Briggs 'B' | DATE: 4-10-11 | PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	TIME	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
325		2				Standard Cement EA-2	225	SKS	21150	lbs	12.00	2700.00
276		2				Flocele	57	lbs			1.50	85.50
283		2				Salt	1125	lbs			.15	168.75
284		2				Calseal	1055	lbs	11	SKS	30.00	330.00
285		2				CFR-1	106	lbs			4.00	424.00
581		2				SERVICE CHARGE Cement	CUBIC FEET 225	SKS			1.50	337.50
583		2				MILEAGE CHARGE TOTAL WEIGHT 23496 lbs LOADED MILES 70	TON MILES 822.36				1.00	822.36

CONTINUATION TOTAL 4868.11

JOB LOG

SWIFT Services, Inc.

DATE 4-10-11 | PAGE NO. 1

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
Trans Pacific	# 2-18	Briggs B	Cement Longstring	19446

TD 4340'

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0905							On location w/ FE - Rig changing over
	0945							Start 4½" 10.5#/ft csg to 4330'
								PKR shoe @ 4330' 125 jts in hole #105
								5 J - 22' - LD Baffle @ 4308' PBTD
								Cent Jt's #'s 2-3-4-7-8-9-10-11-54-56
								Cement Baskets #'s 1 & 55
								Port Collar #55 @ Not @ 1997'
	1145/1200		RH					Tag Bottom - circ /4340' - Drop Ball
	1230		10				1100	Set PKR Shoe - Plug RH - 30SKS cmt
		6					350	with Mud Flush - 500 gal
		6	12				350	Fin MF - Pump 20 BBl KCL flush
		6	32				350	Fin flushes
		4½					300	Start 195 SKS EA-2 cmt @ 15.5#/gal
	1255		47				400/Vac	Fin cmt - Wash out Pump & Lines
	1300	9					300	Drop L.D. Plug - Start Displ
		9/8	46				400	Cmt cmt @ 40 BBl Displ - Slow rate
		8/7	55				600/550	
		4/5½	60/65				650/600	
	1305		68½				850/1500	Plug Down - Held - Release & Held.
	1310							Job Complete
								Wash up & Teardown
	1330							Thanks Alan, Doug & Russell

Well: Briggs B 2-18 ***STR***: 18-14S-27W ***Cty***: Gove ***State***: Kansas

Log Tops:

Anhydrite	1996' (+553) -3'
B/Anhydrite	2033' (+516) -2'
Heebner	3710' (-1161) -3'
Lansing	3747' (-1198) -4'
Kansas City	3828' (-1279) -5'
Stark Shale	3981' (-1432) +3'
Marmaton	4073' (-1524) flat
Labette	4236' (-1687) +8'
Ft. Scott	4239'4243' (-1694) +5'
Cherokee Shale	4268' (-1719) +4'
Mississippi	4326' (-1777) +18'
RTD	4340' (-1791)

DRILL STEM TEST REPORT

Trans Pac

100 S. Main Ste. 200
Wichita, Ks
67202
ATTN: Beth Isern

Briggs "B" 2-18

18-14-27/Gove

Job Ticket: 41861 **DST#: 1**

Test Start: 2011.04.05 @ 09:46:14

GENERAL INFORMATION:

Formation: **140'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:45:43
Time Test Ended: 17:51:43

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41

Interval: 3885.00 ft (KB) To 3915.00 ft (KB) (TVD)
Total Depth: 3915.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:

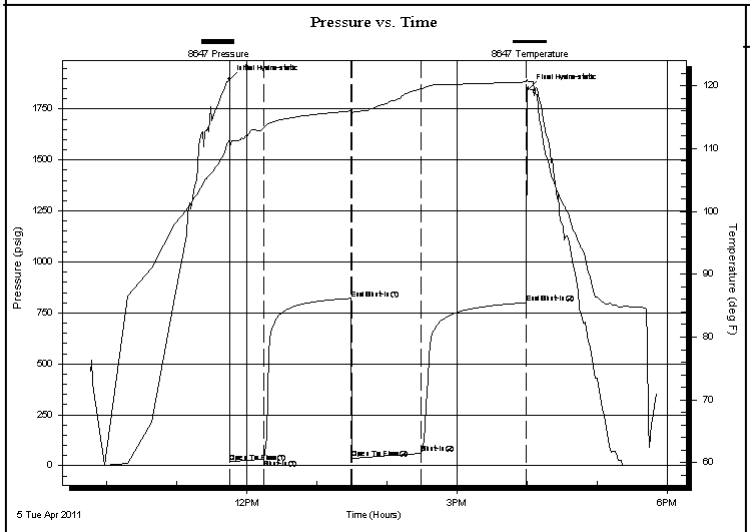
Reference Elevations: 2549.00 ft (KB)
2540.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8647 **Outside**

Press@RunDepth: 60.67 psig @ 3887.00 ft (KB)
Start Date: 2011.04.05 End Date: 2011.04.05
Start Time: 09:46:14 End Time: 17:51:43

Capacity: 8000.00 psig
Last Calib.: 2011.04.05
Time On Btm: 2011.04.05 @ 11:45:13
Time Off Btm: 2011.04.05 @ 16:01:43

TEST COMMENT: IFP - weak to fair blow 1/4" - 3 1/2"
ISI - no blow back
FFP - weak to good blow sur - 6"
FSI - weak sur blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1895.64	111.45	Initial Hydro-static
1	19.59	110.31	Open To Flow (1)
30	33.02	113.38	Shut-In(1)
104	821.00	116.00	End Shut-In(1)
105	35.84	115.67	Open To Flow (2)
164	60.67	119.56	Shut-In(2)
254	800.22	120.61	End Shut-In(2)
257	1849.67	120.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW 70%W, 30%M	0.84
30.00	SWCM 5%W, 95%M	0.42
5.00	FREE OIL 95%O, 5%M	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pac

100 S. Main Ste. 200
Wichita, Ks
67202

ATTN: Beth Isern

Briggs "B" 2-18

18-14-27/Gove

Job Ticket: 41861 **DST#: 1**

Test Start: 2011.04.05 @ 09:46:14

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	35 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	60000 ppm
Viscosity:	55.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.97 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1300.00 ppm				
Filter Cake:	inches				

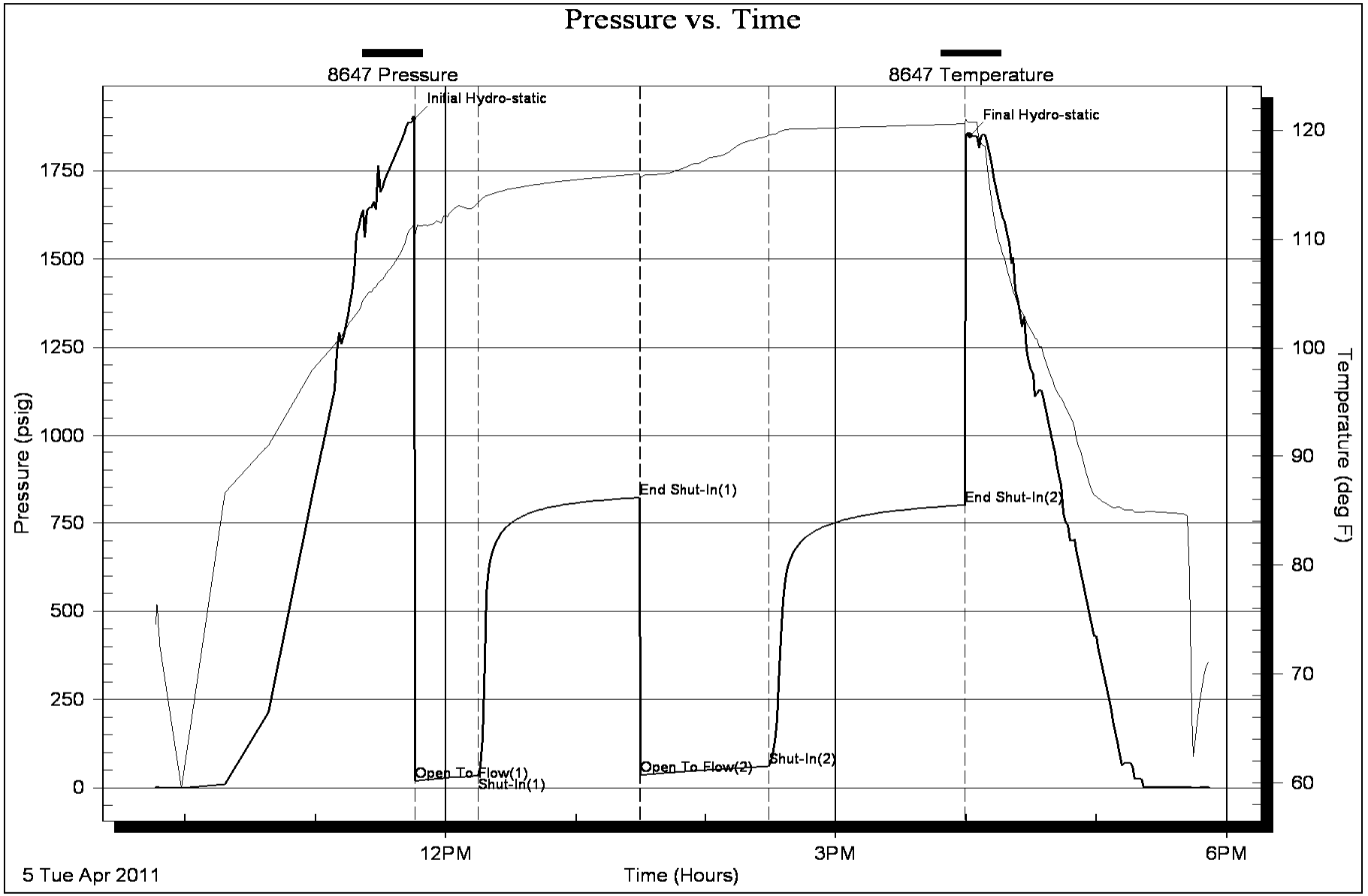
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MW 70%W, 30%M	0.842
30.00	SWCM 5%W, 95%M	0.421
5.00	FREE OIL 95%O, 5%M	0.070

Total Length: 95.00 ft Total Volume: 1.333 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8647 Pressure
8647 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure (psig)
Temperature (deg F)
1750
1500
1250
1000
750
500
250
0
120
110
100
90
80
70
60
12PM
3PM
6PM
5 Tue Apr 2011
Time (Hours)

DRILL STEM TEST REPORT

Trans Pac

100 S. Main Ste. 200
Wichita, Ks
67202
ATTN: Beth Isern

Briggs "B" 2-18

18-14-27/Gove

Job Ticket: 41862 **DST#: 2**

Test Start: 2011.04.06 @ 08:41:01

GENERAL INFORMATION:

Formation:
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:41:30
Time Test Ended: 16:34:30

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41

Interval: 3922.00 ft (KB) To 3982.00 ft (KB) (TVD)
Total Depth: 3982.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:

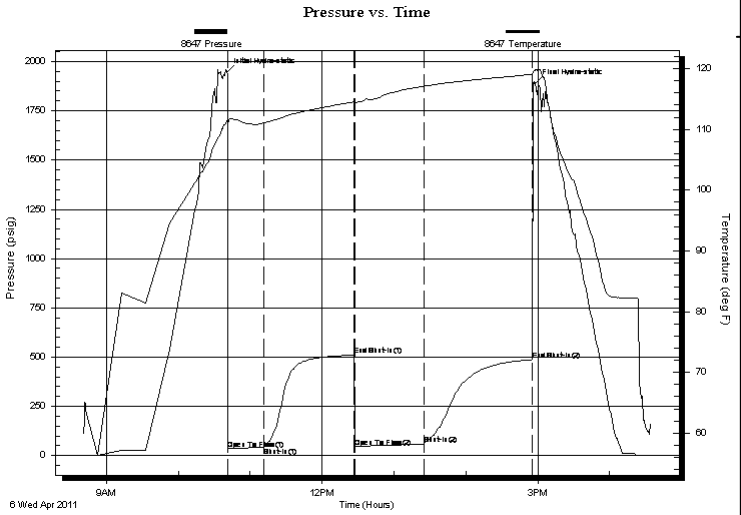
Reference Elevations: 2549.00 ft (KB)
2540.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8647 **Outside**

Press@RunDepth: 58.97 psig @ 3927.00 ft (KB)
Start Date: 2011.04.06 End Date: 2011.04.06
Start Time: 08:41:01 End Time: 16:34:30

Capacity: 8000.00 psig
Last Calib.: 2011.04.06
Time On Btm: 2011.04.06 @ 10:40:30
Time Off Btm: 2011.04.06 @ 14:57:30

TEST COMMENT: IFP - weak to fair blow 1/4" - 5"
ISI - no blow back
FFP - BOB 38 min
FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1944.75	111.27	Initial Hydro-static
1	34.46	110.79	Open To Flow (1)
31	42.51	111.03	Shut-In(1)
106	510.36	114.52	End Shut-In(1)
107	42.84	114.39	Open To Flow (2)
164	58.97	117.08	Shut-In(2)
255	487.39	119.06	End Shut-In(2)
257	1890.56	119.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCM 5%O, 95%M	0.84
0.00	150' GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pac

100 S. Main Ste. 200
Wichita, Ks
67202

ATTN: Beth Isern

Briggs "B" 2-18

18-14-27/Gove

Job Ticket: 41862 **DST#: 2**

Test Start: 2011.04.06 @ 08:41:01

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1700.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

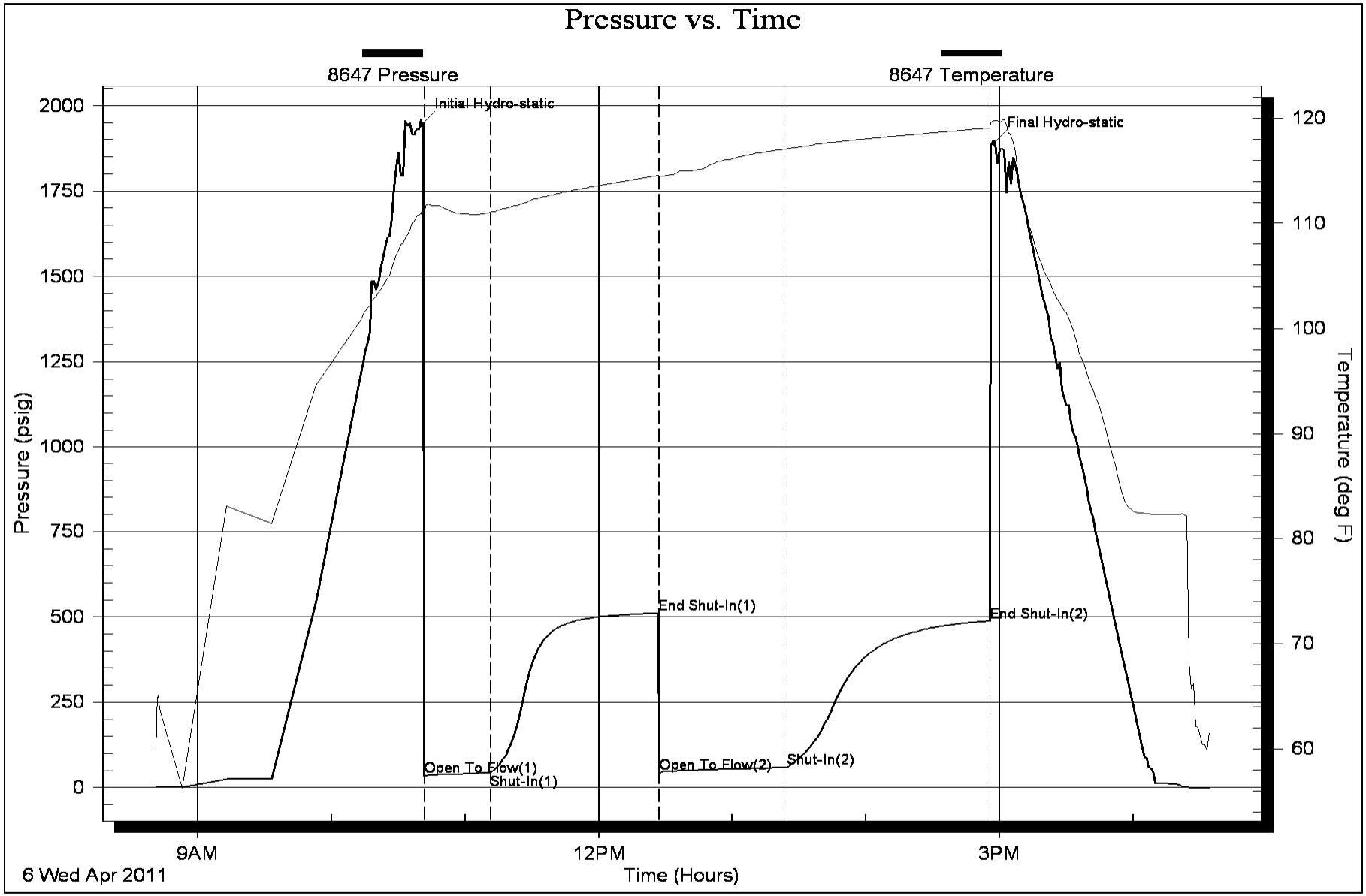
Length ft	Description	Volume bbl
60.00	SOCM 5%O, 95%M	0.842
0.00	150' GIP	0.000

Total Length: 60.00 ft Total Volume: 0.842 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8647 Pressure
8647 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure (psig)
Temperature (deg F)
2000
1750
1500
1250
1000
750
500
250
0
120
110
100
90
80
70
60
9AM
12PM
3PM
6 Wed Apr 2011
Time (Hours)

DRILL STEM TEST REPORT

Trans Pac

100 S. Main Ste. 200
Wichita, Ks
67202
ATTN: Beth Isern

Briggs "B" 2-18

18-14-27/Gove

Job Ticket: 41863 **DST#: 3**

Test Start: 2011.04.07 @ 02:22:06

GENERAL INFORMATION:

Formation:
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:56:35
Time Test Ended: 09:44:05

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41

Interval: 3980.00 ft (KB) To 4050.00 ft (KB) (TVD)
Total Depth: 4050.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:

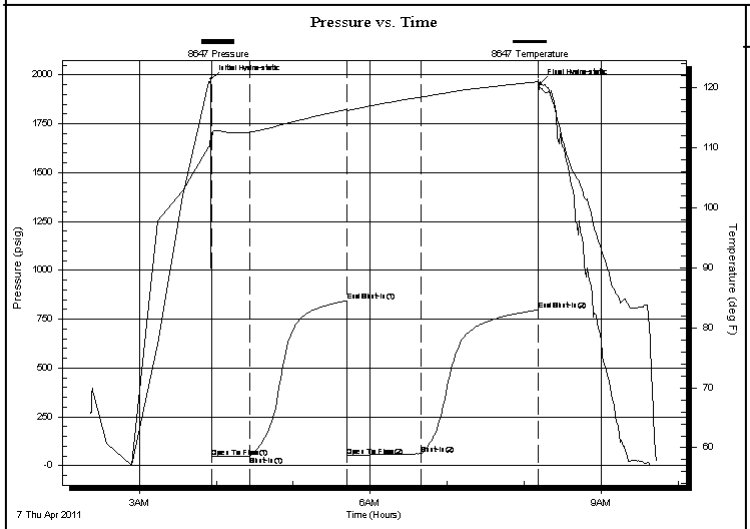
Reference Elevations: 2549.00 ft (KB)
2540.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8647 **Outside**

Press@RunDepth: 61.00 psig @ 3983.00 ft (KB)
Start Date: 2011.04.07 End Date: 2011.04.07
Start Time: 02:22:06 End Time: 09:44:05

Capacity: 8000.00 psig
Last Calib.: 2011.04.07
Time On Btm: 2011.04.07 @ 03:56:05
Time Off Btm: 2011.04.07 @ 08:12:35

TEST COMMENT: IFP - BOB 24 min
ISI - no blow back 14 min - 1/4" blow died 21 min
FFP - BOB 6 min
FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1976.85	112.41	Initial Hydro-static
1	46.20	111.62	Open To Flow (1)
30	50.07	112.65	Shut-In(1)
106	844.63	116.40	End Shut-In(1)
106	49.85	116.20	Open To Flow (2)
164	61.00	118.47	Shut-In(2)
255	797.34	121.03	End Shut-In(2)
257	1955.48	120.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	HOCM 40%O, 60%M	0.70
0.00	475' GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pac

100 S. Main Ste. 200
Wichita, Ks
67202

ATTN: Beth Isern

Briggs "B" 2-18

18-14-27/Gove

Job Ticket: 41863 **DST#: 3**

Test Start: 2011.04.07 @ 02:22:06

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3200.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

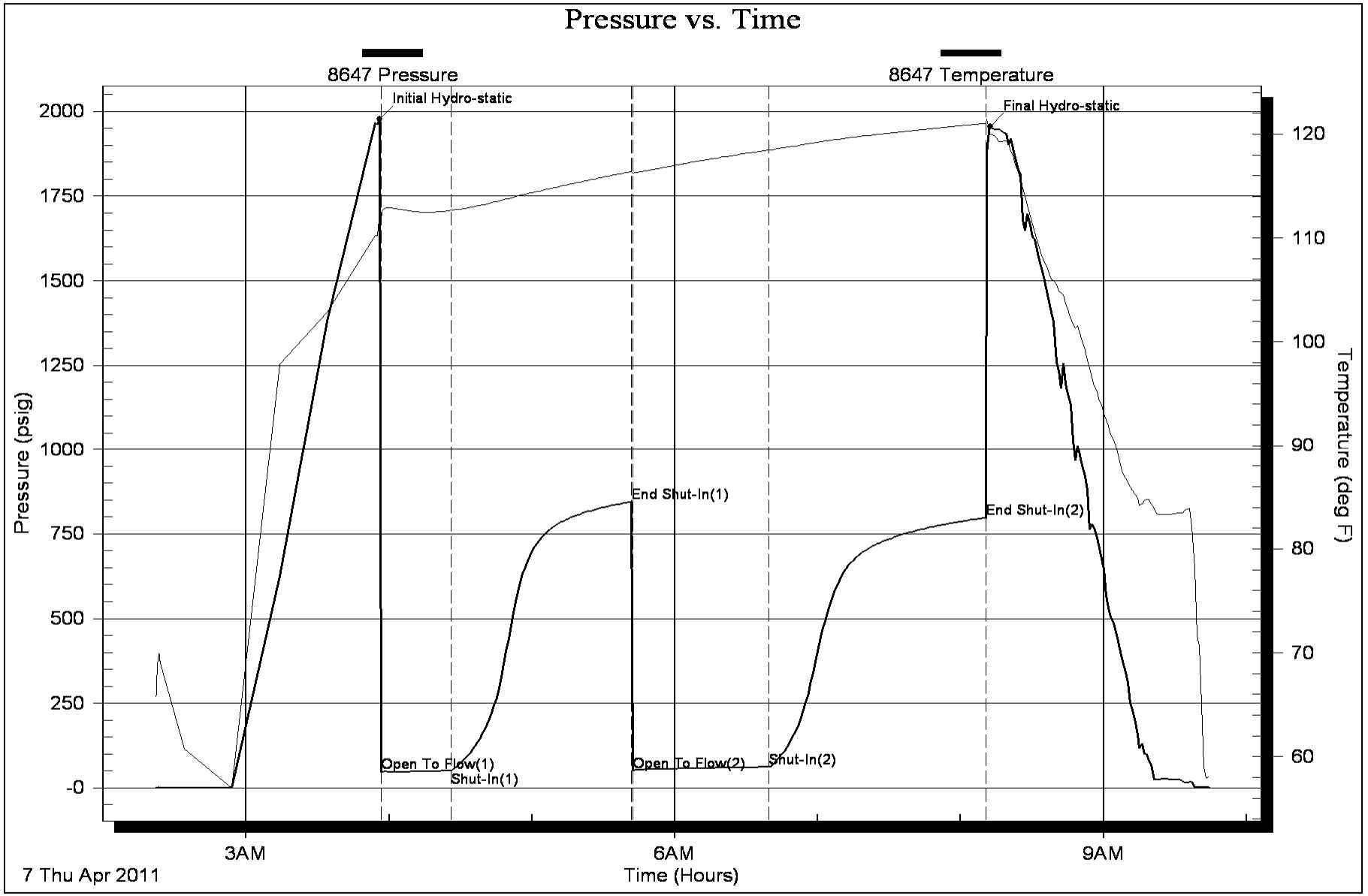
Length ft	Description	Volume bbl
50.00	HOCM 40%O, 60%M	0.701
0.00	475' GIP	0.000

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8647 Pressure
8647 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
2000
1750
1500
1250
1000
750
500
250
-0
Pressure (psig)
120
110
100
90
80
70
60
Temperature (deg F)
3AM
6AM
9AM
7 Thu Apr 2011
Time (Hours)

DRILL STEM TEST REPORT

Trans Pac

100 S. Main Ste. 200
Wichita, Ks
67202
ATTN: Beth Isern

Briggs "B" 2-18

18-14-27/Gove

Job Ticket: 41864 **DST#: 4**

Test Start: 2011.04.07 @ 21:54:28

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:53:57
Time Test Ended: 03:35:27

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41

Interval: 4096.00 ft (KB) To 4173.00 ft (KB) (TVD)
Total Depth: 4173.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:

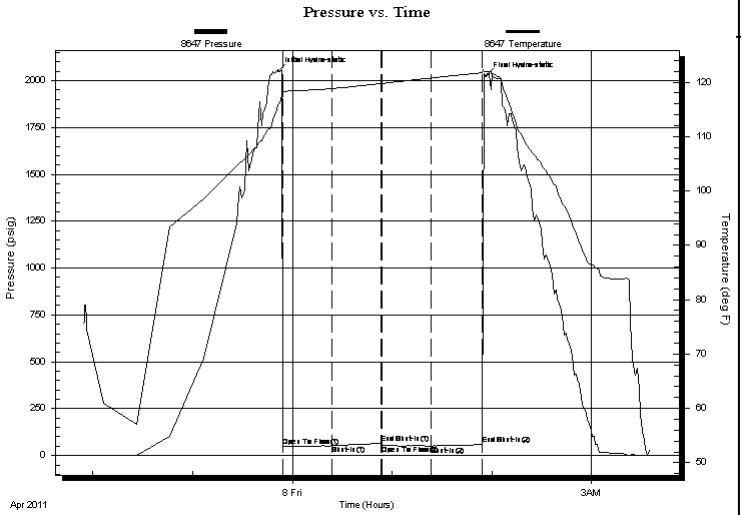
Reference Elevations: 2549.00 ft (KB)
2540.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8647 **Outside**

Press@RunDepth: 51.51 psig @ 4103.00 ft (KB)
Start Date: 2011.04.07 End Date: 2011.04.08
Start Time: 21:54:28 End Time: 03:35:27

Capacity: 8000.00 psig
Last Calib.: 2011.04.08
Time On Btm: 2011.04.07 @ 23:51:27
Time Off Btm: 2011.04.08 @ 01:56:27

TEST COMMENT: IFP - 3/4" blow - died 19 min
ISI - no blow back
FFP - no blow
FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2050.24	115.90	Initial Hydro-static
3	48.57	117.33	Open To Flow (1)
33	51.86	118.82	Shut-In(1)
62	64.68	119.75	End Shut-In(1)
63	52.31	119.76	Open To Flow (2)
92	51.51	120.76	Shut-In(2)
123	58.08	121.73	End Shut-In(2)
125	2024.46	121.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
7.00	SOCM 5%O, 95%M	0.10

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pac

100 S. Main Ste. 200
Wichita, Ks
67202

ATTN: Beth Isern

Briggs "B" 2-18

18-14-27/Gove

Job Ticket: 41864 **DST#: 4**

Test Start: 2011.04.07 @ 21:54:28

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	55.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3100.00 ppm				
Filter Cake:	inches				

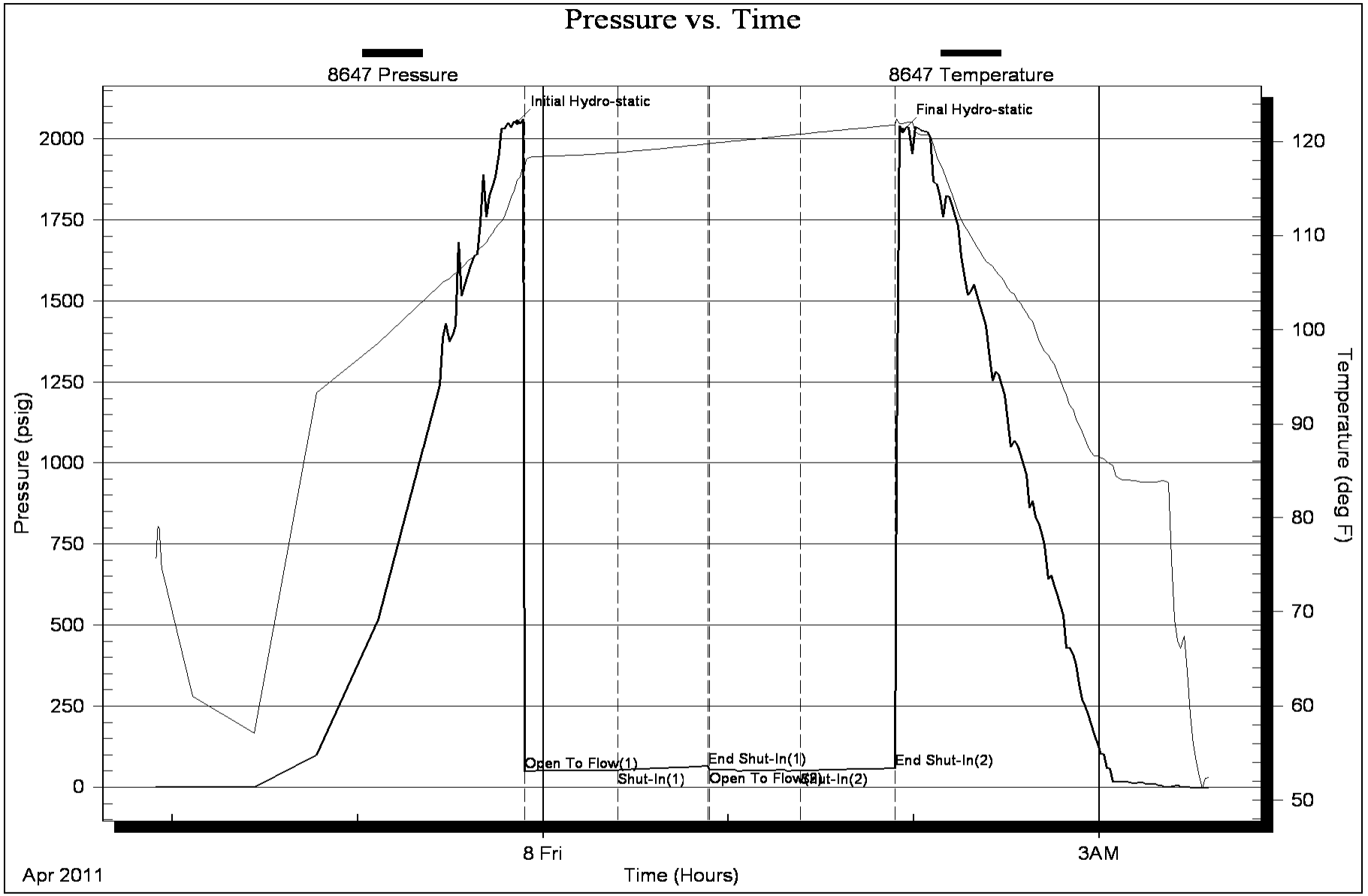
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
7.00	SOCM 5%O, 95%M	0.098

Total Length: 7.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8647 Pressure
8647 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Open To Flow(2)
End Shut-In(2)
Pressure (psig)
Temperature (deg F)
2000
1750
1500
1250
1000
750
500
250
0
120
110
100
90
80
70
60
50
8 Fri
3AM
Apr 2011
Time (Hours)

DRILL STEM TEST REPORT

Trans Pac

100 S. Main Ste. 200
Wichita, Ks
67202
ATTN: Beth Isern

Briggs "B" 2-18

18-14-27/Gove

Job Ticket: 41865 **DST#: 5**

Test Start: 2011.04.08 @ 18:38:44

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:42:43
Time Test Ended: 00:13:43

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41

Interval: 4280.00 ft (KB) To 4327.00 ft (KB) (TVD)
Total Depth: 4327.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:

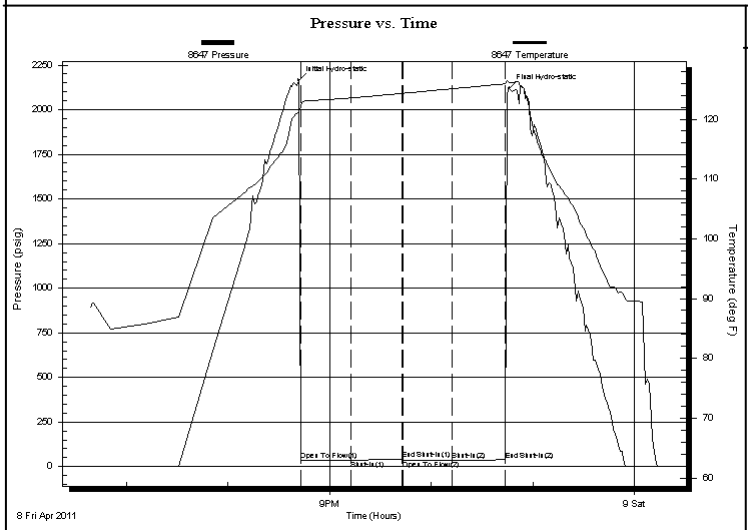
Reference Elevations: 2549.00 ft (KB)
2540.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8647 **Outside**

Press@RunDepth: 35.28 psig @ 4286.00 ft (KB)
Start Date: 2011.04.08 End Date: 2011.04.09
Start Time: 18:38:44 End Time: 00:13:43

Capacity: 8000.00 psig
Last Calib.: 2011.04.09
Time On Btm: 2011.04.08 @ 20:41:43
Time Off Btm: 2011.04.08 @ 22:46:13

TEST COMMENT: IFP - sur blow - died 12 min
ISI - no blow back
FFP - no blow
FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2164.28	121.21	Initial Hydro-static
1	33.78	122.04	Open To Flow (1)
31	34.70	123.54	Shut-In(1)
61	41.45	124.31	End Shut-In(1)
62	34.85	124.33	Open To Flow (2)
91	35.28	125.10	Shut-In(2)
122	38.27	125.90	End Shut-In(2)
125	2119.90	126.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud 100%	0.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pac

100 S. Main Ste. 200
Wichita, Ks
67202

ATTN: Beth Isern

Briggs "B" 2-18

18-14-27/Gove

Job Ticket: 41865 **DST#: 5**

Test Start: 2011.04.08 @ 18:38:44

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2600.00 ppm				
Filter Cake:	inches				

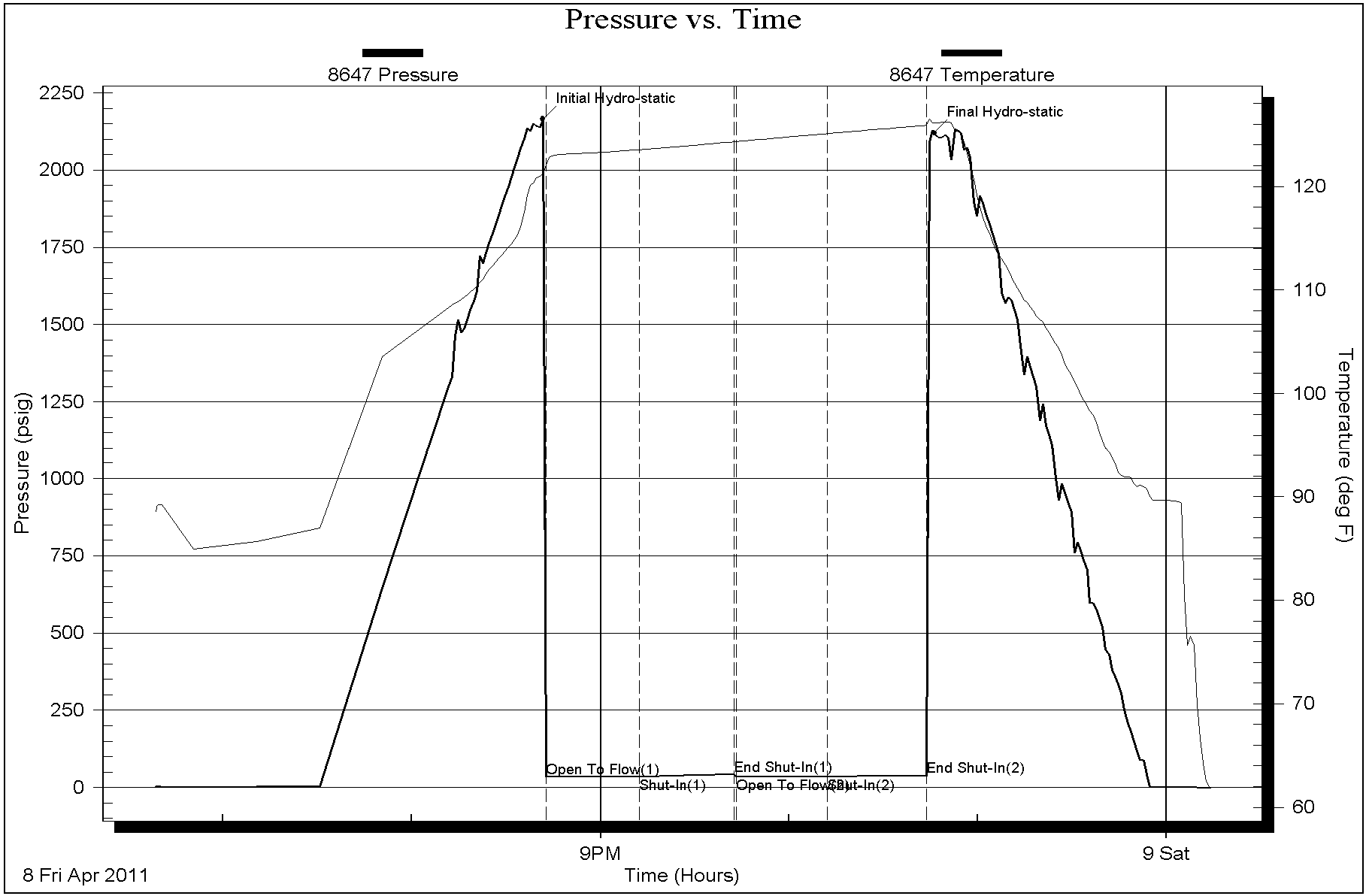
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud 100%	0.014

Total Length: 1.00 ft Total Volume: 0.014 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8647 Pressure
8647 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Open To Flow(2)
Shut-In(2)
End Shut-In(2)
Pressure (psig)
Temperature (deg F)
2250
2000
1750
1500
1250
1000
750
500
250
0
120
110
100
90
80
70
60
9PM
9 Sat
8 Fri Apr 2011
Time (Hours)

DRILL STEM TEST REPORT

Trans Pac

100 S. Main Ste. 200
Wichita, Ks
67202
ATTN: Beth Isern

Briggs "B" 2-18

18-14-27/Gove

Job Ticket: 41867 **DST#: 7**

Test Start: 2011.04.09 @ 11:56:55

GENERAL INFORMATION:

Formation: **MISS**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:19:25
Time Test Ended: 19:26:25

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41

Interval: 4284.00 ft (KB) To 4340.00 ft (KB) (TVD)
Total Depth: 4340.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:

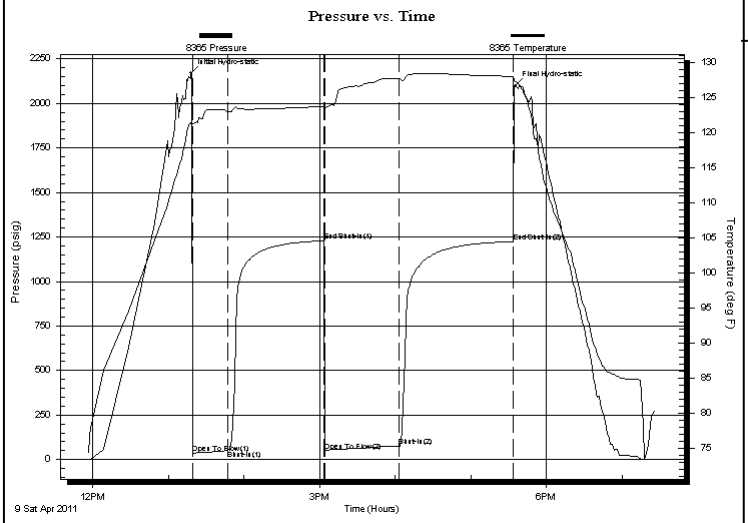
Reference Elevations: 2549.00 ft (KB)
2540.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8365 **Outside**

Press@RunDepth: 76.05 psig @ 4289.00 ft (KB)
Start Date: 2011.04.09 End Date: 2011.04.09
Start Time: 11:56:56 End Time: 19:26:25

Capacity: 8000.00 psig
Last Calib.: 2011.04.09
Time On Btm: 2011.04.09 @ 13:17:55
Time Off Btm: 2011.04.09 @ 17:35:25

TEST COMMENT: IFP - weak to fair blow 1/4" - 4"
ISI - no blow back
FFP - BOB 53 min
FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2168.81	121.45	Initial Hydro-static
2	34.74	121.30	Open To Flow (1)
29	49.40	123.04	Shut-In(1)
106	1228.80	123.80	End Shut-In(1)
106	48.28	123.43	Open To Flow (2)
165	76.05	127.68	Shut-In(2)
256	1224.06	128.06	End Shut-In(2)
258	2097.81	127.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	HOCM 30%O, 70%M	0.84
35.00	MCO 70%O, 30%M	0.49
20.00	FREE OIL 95%O, 5%M	0.28
0.00	90' GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pac

100 S. Main Ste. 200
Wichita, Ks
67202

ATTN: Beth Isern

Briggs "B" 2-18

18-14-27/Gove

Job Ticket: 41867 **DST#: 7**

Test Start: 2011.04.09 @ 11:56:55

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	35 deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	inches				

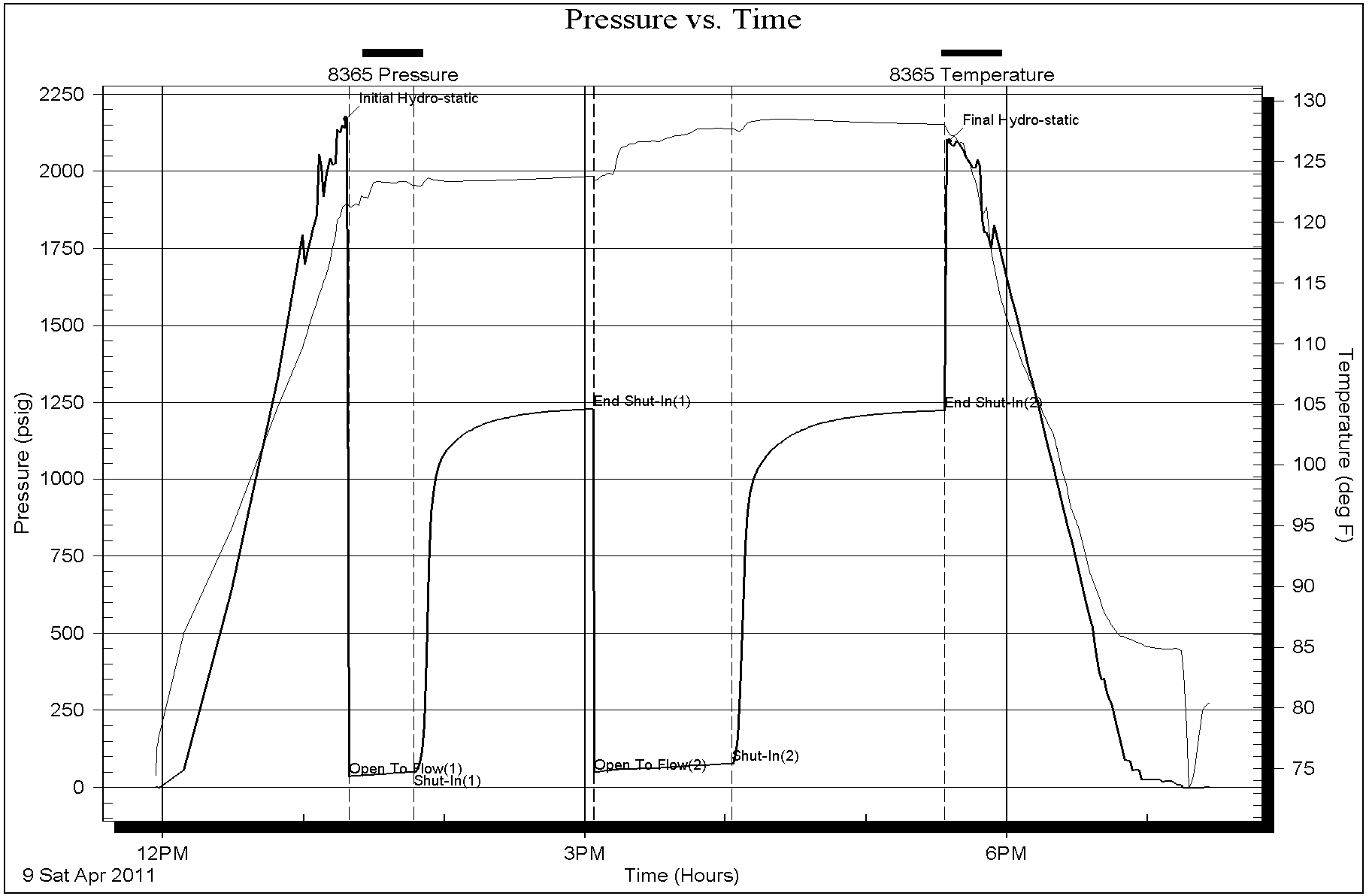
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	HOCM 30%O, 70%M	0.842
35.00	MCO 70%O, 30%M	0.491
20.00	FREE OIL 95%O, 5%M	0.281
0.00	90' GIP	0.000

Total Length: 115.00 ft Total Volume: 1.614 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8365 Pressure
8365 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure (psig)
Temperature (deg F)
2250
2000
1750
1500
1250
1000
750
500
250
0
130
125
120
115
110
105
100
95
90
85
80
75
12PM
3PM
6PM
9 Sat Apr 2011
Time (Hours)