



Paramount
resources ltd.

4700 Bankers Hall West, 888 3rd Street SW Calgary, Alberta, Canada T2P 5C5 www.paramountres.com
tel 403 290 3600 fax 403 262

National Energy Board
5th Floor, 444 – 7 Avenue SW
Calgary, Alberta
T2P 0X8

April 11, 2008

Attention: Mr. Bharat Dixit, Chief Conservation Officer

Dear Sir,

Re: Para et al Cameron L-73
WID: 2033
File: 9211-
UWI: 300L736010117150

Final Well Report

Paramount Resources Ltd. submits, in duplicate, the attached **Final Well Report** for the **Para et al Cameron L-73** well. A copy of the report is also included on the enclosed CD.

This record reflects the drilling of the well by Precision #129 in February 2007. Also enclosed are certified copies of the drilling tour sheets and original copies of the daily drilling reports to replace the faxed copies that were sent previously.

Please contact Dave Block at 206-3834 if you require additional information.

Yours truly,

PARAMOUNT RESOURCES LTD.

Dave R

Dave Block, P. Eng.
Engineering Consultant

2008 APR 11 P 2:57
NEB/OGC
SALLE D'EXP
MAIL
MAIL

FINAL WELL REPORT

PARAMOUNT RESOURCES LTD.

PARA ET AL CAMERON L-73

Grid: $60^0 10'$, $117^0 15'$

DATE: April 11, 2008

COMPANY REPRESENTATIVE:
Dave Block

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A. INTRODUCTION

Paramount Resources Ltd. (Paramount) drilled Para et al Cameron L-73 as a 1450 meter delineation well. The well was spudded on February 18, 2007 and finished drilling on February 27, 2007. The purpose of the well was to evaluate hydrocarbon potential. The primary target was the Sulphur Point Dolomite formation which was encountered at a depth of 1415 mKB. The secondary target was the Slave Point formation which was encountered at a depth of 1345 mKB.

The drilling contractor was Precision Drilling Ltd based out of Calgary, Alberta. Precision's Rig # 129 was used and is a land rig rated for 1600 m. The rig had a mud system capacity of 50.5 m³ and was equipped with a boiler.

The well was drilled on Production License No PL-004 in which Paramount has an 88% working interest under Paramount's Operating License No 1159.

The exact co-ordinates of the well are as follows:

Latitude: 60° 02' 38.386"
Longitude: 117° 29' 54.302"

Cancor Rathole Inc. drilled a 610 mm conductor hole to 12.5 meters. From surface to 0.5 meters was snow pad, from 0.5 to 1.5 meters was permafrost muskeg, from 1.5 to 4.6 meters was permafrost clay with boulders, from 4.6 to 5.5 meters was frozen rock layer, 5.5 to 5.6 meters was frozen gravel, and from 5.6 to 12.5 meters was clay with boulders. A heavy walled 406 mm conductor pipe was cemented at 12.5 meters.

Precision #129 was moved onto the location starting February 17, 2007. The rig was rigged up, a diverter was nippled up and drilling commenced February 18, 2007 at 09:45 hours. A 311 mm surface hole was drilled to 436 mKB. There were no problems encountered in drilling the surface hole. A string of 219.1 mm, 35.7 kg/m, J-55, ST&C surface casing was run to 436 mKB. The casing was cemented with 38 t class 'G' cement plus 1.5% CaCl₂. There were 4.0 m³ of cement returned to surface while cementing. The plug was bumped and the float held OK. The plug was down at 05:35 hours on March 1, 2007.

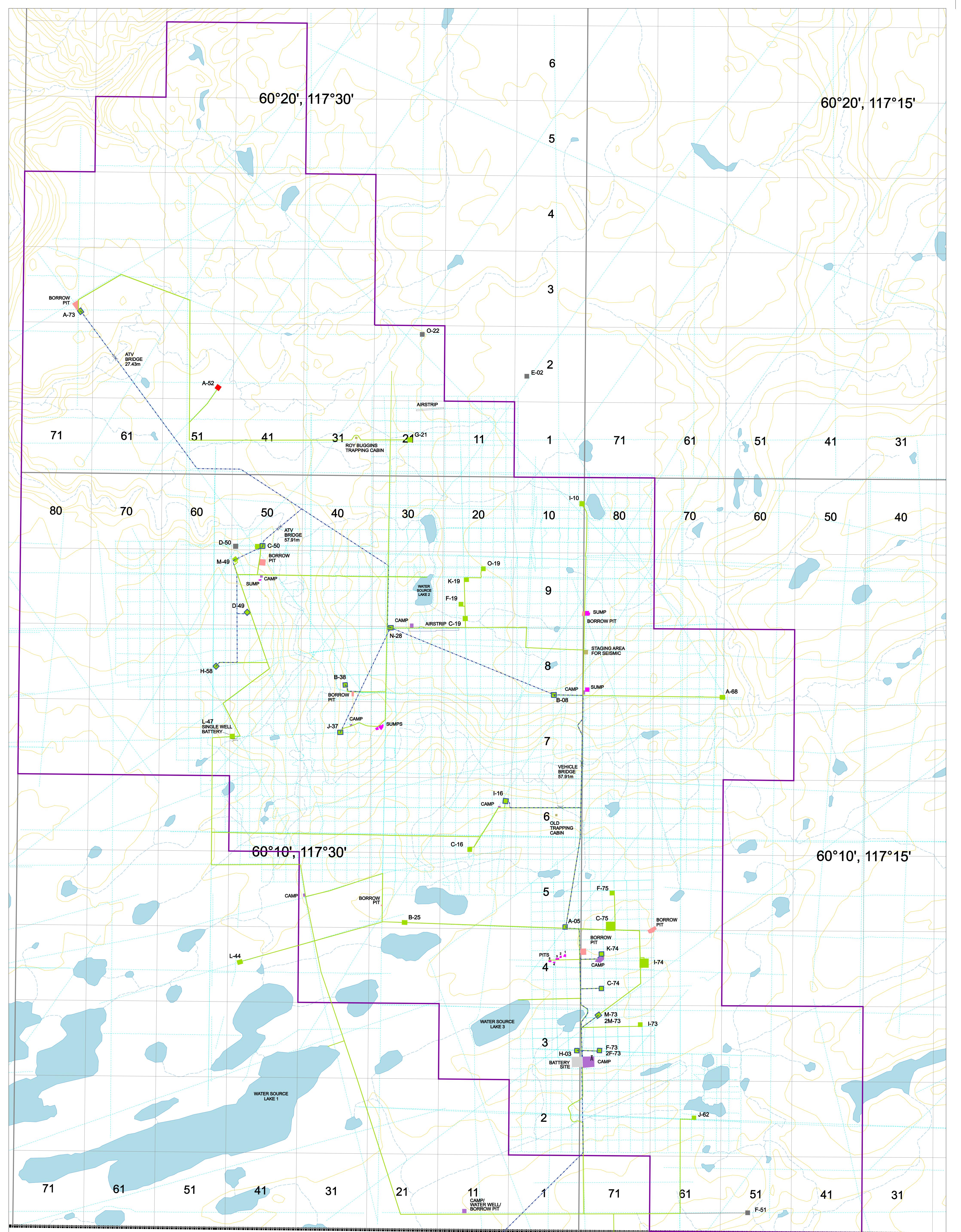
The casing and conductor were trimmed and the casing bowl was welded on. The BOP's were installed and function tested. The BOP's and manifold were pressure tested to 1400 kPa low pressure and 7,000 kPa high pressure.

The float collar and shoe were drilled out to 447 mKB on February 22, 2007. A leak off test was performed with the leak off gradient found to be 26.2 kPa/m. A 200 mm hole was drilled with a flocculated water system to approximately 900 m. Gel was added to the drilling fluid at that point and the gel/chem mud system was then used to drill to a total depth of 1450 mKB. There were fluid losses encountered in the Wabamun starting at 539 meters. Once through the Wabamun three cement plugs were run to control the fluid losses. After the cement plugs were drilled out, drilling continued to TD with no further significant fluid losses. Precision Energy Services ran induction and sonic logs from bottom to surface casing, a density log from bottom to surface, and a micro-resistivity log from bottom to 1300 mKB.

139.7 mm, 23.07 kg/m, J-55, LT&C production casing was run and set at 1450 mKB. It was cemented with 23.0 t Thixlite + 1% SMS and 11.0 t Expando LWL + 0.1% CFL-3 + 0.2% LTR + 0.2% SPC-II. There were 6.0 m³ cement returns to surface. The plug was bumped and

held.

Precision #220 was rigged out and released at 06:00 hours on March 1, 2007.



SCALE 1:40 000
1000 0 1000 2000 3000 4000 FEET
2000 0 4000 6000 8000 10000 METERS

LEGEND:

	TOWER
	SEISMIC
	AIRSTRIPE - (FOREIGN)
	ACCESS ROAD - (FOREIGN)
	AIRSTRIPE
	ACCESS ROAD
	Pipeline RW
	BRIDGE
	SIGNIFICANT DISCOVERY LICENSE
	CONTOUR

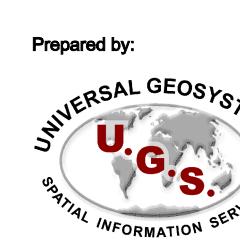
LEASE - (TIED-IN)
LEASE - (NOT TIED-IN)
LEASE - (FOREIGN)
LEASE - RECLAIMED
BORROW PIT
CAMP SITE
SUMP / PIT
BATTERY SITE
OTHER CLEARING



Compiled Map Showing
AS-BUILT JULY 2005
Oil & Gas Activity

CAMERON HILLS AREA
Northwest Territories
NAD83 UTM Projection

REVISED: 22-AUG-05
MODEL: AS-BUILT JULY 2005.
Date: 13-DEC-04
Job No.: 04-1150G
Filename: CH BASE NAD83.DGN



Prepared by:
UNIVERSAL GEOSYSTEMS
A Division of Universal Surveys Inc.
HEAD OFFICE
15111 - 123 Avenue
Edmonton, AB T5V 1J7
CALGARY OFFICE
101 - 10th Street SW
Calgary, AB T2P 5N5

DISCLAIMER:
The information contained herein is compiled from various government and industry sources.
The Universal Group of Companies and its data suppliers provide no warranty, regarding the accuracy or completeness of the information contained in this map. The Universal Group of Companies or its data suppliers resulting from the use or interpretation of this information, or from any decisions made based on this information.

B. GENERAL DATA

1. Well Name: Para et al Cameron L-73
Authority to Drill a Well No: 2033
Exploration Agreement Number: PL-004
Location Unit: L
Section: 73
Grid Area: 60⁰ 10' N, 117⁰ 15' W
Classification: Delineation
2. Coordinates:
Surface: Latitude: 60⁰ 02' 38.386"
Longitude: 117⁰ 29' 54.302"
3. Unique Well Identifier: 300L736010117150
4. Operator: Paramount Resources Ltd.
5. Contractor: Precision Drilling
6. Drilling Unit: Precision Rig # 129, Land Rig
7. Position Keeping: N/A
8. Support Craft (Helicopter): N/A
9. Drilling Unit Performance: Good
10. Difficulties and Delays: Severe lost circulation in the Wabamun.
11. Total Well Cost: \$1,619,000
12. Bottom Hole Co-ordinates: Same as surface.

C. SUMMARY OF DRILLING OPERATIONS

1. Elevations:
Ground: 770.23 m above sea level
KB: 774.8 m above sea level
KB to Casing Flange: 4.0 m
2. Total Depth:
FTD: 1450 mKB
PBTD: 1436 mKB
3. Date and Hour Spudded: February 18, 2007 at 09:45
4. Date Drilling Completed: February 27, 2007
5. Date of Rig Release: March 1, 2007
6. Well status: Cased and Suspended
7. Hole Sizes and Depths:

Conductor Hole:	610 mm to 12.5 m
Surface Hole:	311 mm to 436 mKB
Main Hole:	200 mm to 1450 mKB
8. Casing and Cementing Record:

Conductor Hole:	
Casing Size:	406 mm
Wall Thickness:	9.5 mm
Depth Set:	12.5 m
Cut Height:	At Surface
Date Set:	February 7, 2007
Cement Volume:	0.96 tonnes
Cement Type:	class 'G'
Surface Hole:	
Casing Make:	Ipsco
Casing Size:	219.1 mm
Casing Weight:	35.7 kg/m
Casing Grade:	J-55
Thread:	ST&C
Number of Joints:	32
Depth Set:	436 mKB
Cut Height:	At surface
Date Set:	February 21, 2007
Cement Volume:	38 Tonnes
Float Shoe Depth:	436 mKB
Float Collar Depth:	422 mKB
Cement Type:	Class 'G'

Additives: 1.5% CaCl₂
 Cement Top: Surface
 Casing Bowl Size: 228 mm x 219 mm x 21 MPa
 Casing Bowl Make: ABB Vetco

Main Hole:

Casing Size: 139 mm
 Casing Weight: 23.07 kg/m
 Casing Grade: J-55
 Casing Make: IPSCO
 Number of Joints: 107
 Thread: LT&C
 Depth Set: 1450 mKB
 Cut Height: Surface
 Date Set: March 1, 2007
 Float Shoe Depth: 1450 mKB
 Float Collar Depth: 1436 mKB
 Cement Volume 1: 23.0 Tonnes
 Cement Type 1: Thixlite
 Additives 1: 1% SMS
 Cement Volume 2: 11.0 Tonnes
 Cement Type 2: Expando LWL
 Additives 2: 0.1% CFL-3 & 0.2% LTR & 0.2% SPC-II
 Cement Top: Surface

9. Sidetracked Hole: N/A

10. Drilling Fluid:

Conductor Hole: Water
 Properties: N/A

Surface Hole: Gel - Chemical
 Properties: Viscosity: 30 - 54 sec/L
 Weight: 1040 - 1120 kg/m³
 PH: 9.0 - 10.5

Main (425 – 900 m): Floc water
 Properties: Viscosity: 29 - 37 sec/L
 Weight: 1000 kg/m³
 PH: 10.5 - 12.0

Main (900 m – TD): Gel-chem
 Properties: Viscosity: 44 - 85 sec/L

Weight:	1090 - 1200 kg/m ³
PH:	8.5 – 11.0
Water loss:	8.0 – 11.0 cc
Solids:	Not reported
Gels:	Not reported
Filtrate:	Not reported
PV / YP:	Not reported

11. Fishing Operations: N/A
12. Well Kicks and Well Control Operations: N/A

13. Formation Leak Off Tests:

Depth:	446 m
Fluid Density:	1000 kg/m ³
Applied Pressure:	7150 kPa
Hydrostatic Pressure:	4277 kPa
Mud Weight Equivalent:	2671 kg/m ³
Casing setting depth:	436 mKB

The surface casing leak-off test was taken to a gradient of 26.2 kPa/m before leak off was detected.

14. Time Distribution

Date	Hours	Activity
07/02/17	1.5	Safety meeting.
	19.5	Rig move.
	2.75	Rig up.
	0.25	Nipple up diverter.
07/02/18	1.0	Safety meeting.
	0.75	Rig service.
	6.5	Nipple up diverter.
	1.0	Make up bottomhole assembly.
	13.0	Drill.
07/02/19	0.5	Modify flow line.
	1.25	Deviation survey.
	0.75	Safety meeting.
	0.75	Rig service.
	17.75	Drill.
07/02/20	4.75	Deviation survey.
	0.75	Safety meeting.
	0.5	Rig service.
	5.25	Drill.
	0.75	Deviation survey.
07/02/21	6.5	Trip.
	4.75	Circulate and condition mud.
	4.25	Run casing.
	1.25	Cement casing.
	1.0	Safety meeting.
	1.25	Cement casing.
	4.0	Wait on cement.
	1.5	Nipple down diverter.
	4.0	Cut casing and weld on bowl.
	3.0	Nipple up BOP's.
07/02/22	5.5	Test BOP's.
	2.5	Trips.
	1.25	Slip and cut drill line.
	1.0	Safety meeting.
	0.75	Rig service.
	12.75	Drill.

	0.5	Drill out float collar and shoe.
	0.25	Circulate and condition mud.
	2.5	Slip and cut drill line.
	0.5	Leak off test.
	0.75	Deviation survey.
	3.25	Trips.
	1.75	Wait on cementers.
07/02/23	0.75	Safety meeting.
	0.75	Rig service.
	3.25	Wait on cementers.
	1.5	Run cement plugs.
	5.75	Wait on cement.
	6.25	Trips.
	0.75	Circulate and condition mud.
	5.0	Drill out cement.
07/02/24	0.75	Safety meeting.
	0.75	Rig service.
	4.5	Drill out cement.
	14.75	Drill.
	3.25	Deviation survey.
07/02/25	0.75	Safety meeting.
	0.75	Rig service.
	20.5	Drill.
	2.0	Deviation survey.
07/02/26	0.75	Safety meeting.
	0.75	Rig service.
	21.75	Drill.
	0.75	Deviation survey.
07/02/27	1.25	Safety meeting.
	0.75	Rig service.
	5.5	Drill.
	3.0	Circulate and condition mud.
	11.0	Trips.
	2.5	Reaming.
07/02/28	0.75	Safety meeting.
	0.75	Rig service.
	5.5	Logging.
	8.75	Trips.

	2.5	Circulate and condition mud.
	1.25	Slip and cut drill line.
	4.5	Run casing.
07/03/01	0.75	Safety meeting.
	0.25	Rig service.
	2.5	Circulate and condition mud.
	2.75	Cement casing.
	1.75	Nipple down BOP.
	12.0	Rig out.

Time Break Down by Activity:

<u>Activity</u>	<u>Hours</u>
Move on, rig up:	21.25
Make up bottomhole assembly:	1.0
Drilling:	111.75
Surveying:	13.5
Reaming:	2.5
Tripping:	38.25
Circulate and condition mud:	13.75
Running casing:	8.75
Cementing casing:	5.25
Wait on cement	9.75
Drill out casing shoe:	0.5
Rig service:	7.5
Safety meetings:	11.75
Nipple up diverter:	6.75
Nipple down diverter:	1.5
Weld casing bowl:	4.0
Nipple up BOP's:	3.0
Pressure test BOP's:	5.5
Leak off tests:	0.5
Logging:	5.5
Slip and cut drill line:	5.0
Nipple down BOP's:	1.75
Modify flow line:	0.5
Wait on cementers:	5.0
Run cement plugs:	1.5
Drill out cement plugs:	9.5
Rig out:	12.0

15. Deviation Survey: See directional plan in the Attachments section

16. Abandonment Plugs: N/A
17. Composite Well Record: See the copy of the strip log in the Geological Report in the Attachments Section.
18. Completion Record: Reported in a separate report.

D: GEOLOGY

GEOLOGICAL SUMMARY

Tops: See page 16-1 of the Geological Report in the Attachments Section.

Sample Descriptions: See pages 19-1 to 19-11 of the Geological Report in the Attachments Section.

Total Depth: 1453 mKB MD

GAS DETECTION REPORT

A gas detector was utilized from the drill out of the conductor pipe to total depth. The gas detector readings are included on the composite geological log at the end of the Geological Report in the Attachments Section.

DRILL STEM TESTS: None.

WELL EVALUATION

The following logs were run:

Array Induction Log:	435 - 1448 mKB
Photo Density Dual Spaced Neutron Log:	surface - 1440 mKB
Compensated Sonic Log:	435 - 1444 mKB
Micro Log:	1300 - 1446 mKB

GAS, OIL, & WATER ANALYSES: N/A

FORMATION STIMULATION: N/A

FORMATION AND TEST RESULTS: N/A

DETAILED TEST PRESSURE DATA READINGS: N/A

E. ENVIRONMENTAL CONSIDERATIONS

There are no known outstanding environmental considerations on this well. The well was drilled sumpless with all drilling fluids being held in tanks on the lease. At the end of the job the water was stripped from the mud system and hauled to Alberta for disposal. The solids were hauled to a remote site at J-04 60⁰ 10' N, 117⁰ 30' W where they were disposed of using the mix/bury/cover technique.

Geological Report



On

Para Et Al Cameron L-73

300/L-73-60-10-117-15

For



Paramount Resources Ltd.

Prepared For: Llew Williams

Prepared By: M. A. Salam Khan



Khan Petroleum Ltd. 
(A Complete Wellsite Solution By PowerLog)

8307 Edgevalley Drive, N.W. Calgary, Alberta T3A 4X2 • Res. (403) 248-1507, Cellular (403) 816-1045

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The proposed Para Et Al Cameron L-73 an exploratory well was a part of an extensive exploratory drilling program in the Cameron Hills. The well was proposed to drill vertically as a new delineation well. Paramount Resources Ltd. retained the services of Precision Drilling Rig # 129.

The primary objective is to penetrate the prognosticated oil productive zone in the Sulphur Point Dolomite Section of Sulphur Point Formation. Productions are being drawn from here in some wells.

Secondary targets were to test gas and heavy hydrocarbon possibilities of in the upper limestone section of Sulphur Point and in the Slave Point formation respectively. The Cameron Hills identifies itself with its structure complexity leading to insufficient geological information. The well bore information will validate the seismic picking of the reservoirs and to learn more about the complex reservoir characteristic of the structures.

The well was spudded at 10:00hrs on the February 18, 2007. Drilling of 311mm hole from surface to 436.0m was completed using one rock bit in 34.75 on bottom bit hours. 219.1mm surface casings were run in setting the shoe at 436.0 and cemented as per program.

Partial mudloss was encountered from 569.0m RKB during drilling of 200mm hole and total loss encountered at 613.0m RKB. Blind drilling to 739.0m RKB was continued to drill through the Wabamun formation into the underlying Fort Simpson formation. Three cement plugs consecutively were conducted to prevent mudloss.

200mm hole section was completed using one PDC bit consuming 69.75 on bottom bit hours. Gel Chem mud was used for the surface hole and displaced with Floc water till 856.0m and back to Gel Chem during the last section of drilling.

139.7mm casings were used to case the well for production tests.

The Para Et Al Cameron L-73 well data is a source of geological information of the morphological changes and reservoirs characteristics of the crater of the complex of Cameron Hills. The fractured and faulted (?) section in the Wabamun Formation leads to mudloss through its crater and encountered in all the wells drilled. The geology section in the Strip Log gives a brief representation of the individual stratigraphic formations.

The Sulphur Point Limestone section was 16.5m thick from at 1398.5m to 1415.0m RKB. It is comparatively tight than that of the dolomite section varying with some high porous streaks. It is oily and indicated gas responses. The porosity varies between 4% - 12%. Gas shows maximum 561/222 units were recorded during drilling. Weak odors with traces to patchy fluorescence were noticed.

The Dolomite Section is 14.0m thick and coarser down the section. Remarkable gas shows were not encountered but vuggy porosity and grainy appearance looked bright prospective for oil. Porosity varies from 4% to maximum 14% in some of the strips.

The Slave Point formation was picked up at 1345.5m (570.3m SS) and 40m thick. Gas shows were noticed although the section with maximum 791/222 units and 932/222 units at 1364.50m and 1373.50m respectively. The Slave Point is mainly of buff and tan limestone with porosities varying between 3% - 13% - maximum in some grainy streaks. Weak odor with traces to patchy natural oil fluorescence was noticed in all through the drilled section.

Weak odor of oil was noticed from the beginning of drilling this interval. Traces of light brown oil show was noticed which gradually increased between 1355m to 1370m RKB and faded away with the boundary section of the underline F4 Marker which hardly can be recognized from the drilling parameters and ditch cuttings.

The open hole logging was completed by Weatherford Logging Services. MAI/MSS/MPD/MDN/MML/ISC/MGS/MTC/MFE/MCG tools were run in. From the ROP and gas data, ditch cuttings and logs the Sulphur Point Dolomite Section does carry positive reservoir properties for production including good oil shows. Limestone section of the Sulphur Point possesses comparatively tight porosity than that of the Dolomite Section. The Slave Point has got good reservoir properties and could be tested for the commercial viability.

Further evaluation and studies are also proposed for the quest of geological interest in the Cameron Hills Field.

Well Summary

Storage Units: Metric

Well Information

Operator: Paramount Resources Ltd.
Well Name: Para Et Al Cameron L-73
Location: 300/L-73-60-10-117-15
UWI: 300-L-73-6010-117150
Pool: Sulphur Point & Slave Point.
Field: Cameron Hills.
State / Province: Northwest Territory
Country: Canada
License Number: 1159
Well Status: Cased for production testing.

Surface Co-ordinates	Hole Type: Vertical	Fault Indicator:
	Latitude: 60°2'38.3"	Longitude: 117°29'54.3"
N / S: n/a.		
E / W: n/a.		

Bottom Hole Co-ordinates	Latitude: 60°2'38.3"	Longitude: 117°29'54.3"
N / S: n/a.		
E / W: n/a.		

Elevations		Reference:	MSL
Ground Elevation:	770.80	Kelly Bushing to Ground:	4.00
Kelly Bushing Elevation:	774.80	Cut (-):	0.00
Casing Flange Elevation:	4.00	Fill (+):	0.60

Total Depth	Measured Depth	True Vertical Depth
Total Depth Driller (Tally) :	1,450.00	1,450.00
Total Depth Driller (Strap or SLM):	1,450.00	1,450.00
Total Depth Logger:	1,448.60	1,448.60

Miscellaneous Depths	Plugback Depth:	Water Depth Reference:
	Sidetrack Depth:	Water Depth:

Well Summary				
Drilling Contractor:	Precision Rig# 129.	Spud Date:	Feb 18, 2007	@ 10:00
Rig Release Date:		Total Depth Date:	Feb 27, 2007	@ 06:00

Cores	#	Formation	Interval	Cut	Recovered	%
--------------	----------	------------------	-----------------	------------	------------------	----------

Casing Summary						
Casing Type		Casing Size		Landed Depth		Hole Size
Surface		219.1		436.00		311.0
Production		139.7		1,450.00		200.0

Daily Drilling Summary

Storage Units:

Metric

Date	Depth	Progress	Rotating Hours	Avg. P.R.	Daily Operational Summary
Feb 18, 07	0.00		0.00	0.0	Tear down rig. Rig move to the new Cameron L-73 location. Pre-job safety meeting. Rig up.
Feb 19, 07	184.00		18.50		Pre-job safety meeting. Nipple up diverter line. Pick up a new 311mm bit on drilling assembly. Pre-spud safety meeting. Spud the rig. Drilling from surface to 184.0m. Conduct periodical surveys. Gas trap is sent to Rig# 250. Drilling continued.
Feb 20, 07	425.00		14.70		Continue drilling 311mm surface hole from 184.0m to 425.0m. Conduct periodical surveys. Circulation and mud conditioning. Flow check - static. Round trip prior to RIH of surface casings. Strap out drilling string.
Feb 21, 07	436.00		1.70		RIH to bottom. Drill down to 436.0m. Conduct survey at 436.0m. Mud conditioning MW: 1100kg/m3; FV: 95sec and pH: 9. POOH to run production casings. Pre-job safety meeting. Rig up casing equipments and tools. RIH 32 joints of 219.1mm; 35.72m/kg; IPSCO; J-55 casings of total length. The shoe was set at 436.0m RKB. Circulate through casings. Safety meeting with Sangel cementing hands. Conduct cement job. Cemented with 38 tones of 0.1.0 G + 1.5% CaCl2. Plug down at 01:15hrs. 4m3 cement slurry received on surface. WOC. Safety meeting. Cut and dress casing string continued.
Feb 22, 07	600.00		5.70		Pre-job safety meeting. Nipple down diverter line. Cutting and dressing of casing and welding with the casing bowl. Nipple up BOP stacks. Pressure test BOP stack with Rainbow Pressure testers. Test all manifold valves, chokes, flanges, casing bowl, HCR manual and hydraulic valves, Blind Rams, Kill and check lines, drilling spools, stabbing valve, inside BOPs, Pipe Rams and Annular BOP respectively - ok. RIH with anew PDC bit on drilling BHA to 375.0m. Slip and cut drill lines. Tag cement top at 428.0m. Drill down to 347.0m. Conduct LOT at 7150kPa. LOT gradient 26.2kPa/m. Resume drilling and drill down to 600m with periodical surveys.

Daily Drilling Summary

Storage Units:

Metric

Date	Depth	Progress	Rotating Hours	Avg. P.R.	Daily Operational Summary
Feb 23, 07	739.00		7.50		Record partial mud loss while drilling from 569m. Drilling to 613m - lost circulation. Blind drilling from 613m to 739m i.e. +/-30m inside the Fort Simpson Formation. Conduct periodical surveys. POOH. Flow check at 739m, 708m, 430m and on surface - mud loss. Cut and slip drill line. RIH with open ended drill pipe to bottom. Rig up Sangel cementing equipments. Set cement plug between 510m to 739m. Pump 0.5m3 water and pressure test lines. Pump 0.5m3 water followed with 6m3 cement slurry (7 tones). Displace 1.6m3 slurry with water. POOH by 12 stands. Circulate and clean out cementing string. WOC. RIH and tag cement top at 571m. Preparation for second cement plug.
Feb 24, 07	790.00		7.00		Cement Plug# 2 between 476m to 571m. Pump 0.5m3 water and pressure test cementing lines. Pump 0.5m3 water followed by 3m3 cement slurry of 3.5 tones cement. Displace 1.4m3 with mud. POOH 7stands and clean out the string. WOC. Tag cement at 559m. Conduct cement plug No. 3 between 464m to 559m. Pump 3m3 cement slurry and displace 1.4m3 with mud. POOH to 464m and clean out the string. WOC. Tag cement at 478m. POOH cementing string. RIH with Bit# 2 on drilling BHA. Drill out cement plug. TG at 478m is 123/34 units. Consistent gas shows were recorded during cement drilling. Resume drilling from 739m and drill down to 790.0m. Conduct survey at 749m. Drilling continued.
Feb 25, 07	1,118.00		18.70		Continue drilling from 790.0m to 1118.0m. Conduct periodical surveys. Drilling continued.
Feb 26, 07	1,288.00		18.20		Continue unabated drilling from 1118.0m to 1288.0m with periodical surveys. Drilling continued.
Feb 27, 07	1,450.00		18.00		Continue unabated drilling from 1288.0m to TD - 1450.0m RKB. Circulation and mud conditioning.

Daily Drilling Summary

Storage Units:

Metric

Date	Depth	Progress	Rotating Hours	Avg. P.R.	Daily Operational Summary
Feb 28, 07	1,450.00		0.00	0.0	Wiper trip to shoe. Flow check at 1450m, 1378m, 725m, 436m and 0m - static. Pre-job safety meeting. RIH. Flow check at 725m - static. Reaming from 1358m to 1450m. H2S alert - 15ppm. pH gone down. Mud conditioning to 1180kg/m3 and FV: 85sec. POOH. Flow check at 1450m, 1378m, 725m, 435m and 0m - static. Safety meeting with Weatherford hands. Rig up logging tools and equipments. Logging. Run# 1: RUN#1: MCG/MFE/MTC/MML/MGS/MDN/MSS/MAI tools. RIH with a rock bit continued.

Casing Data Summary

Storage Units:

Metric

Casing Type:	Surface		
Casing Size:	219.1	Hole Size:	311.0
Casing Landed @:	436.00	Total Joints:	32
Casing Date:	Feb 20, 2006 @ 20:00	Plug Down Date:	Feb 21, 2007 @ 01:15
# of Joints / Length / O.D. / Weight: 32 joints: 436.48m; 219.1mm; 35.72kg/m; IPSCO; J-55			
Cementing Details:	The casing string was cemented with 38 tones 0.1.0 G + 1.5% CaCl2. 4m3 cement slurry received on surface.		
Remarks:	No hole problem was encountered during RIH of casings.		
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Casing Type:	Production		
Casing Size:	139.7	Hole Size:	200.0
Casing Landed @:	1,450.00	Total Joints:	111
Casing Date:		Plug Down Date:	
# of Joints / Length / O.D. / Weight: 111 joints of 139.7mm, 23.07kg/m, IPSCO, J-55 production casings of total length 1459.82m were run in setting the shoe at 1450m RKB.			
Cementing Details:	Conduct cement job with Sangel. Pump lead slurry of 23 tonne Thixlite + 1% SMS followed by tail slurry of 11 tonne Expandomix LWL + 0.1% CFL-3 + 0.2% LTR + 0.2% SPC-II. Displaced with mud. surface.		
Remarks:	6m3 good cement received on		
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Bit Record Table (IADC Grading System)

Storage Units: Metric

**** For more detailed Bit Information refer to Bit Record ****

Bit #	Make	Type	Size	Depth In	Depth Out	Made	Hours	Avg. P.R.	I.A.D.C. Bit Condition								
									I	O	MDC	Loc	B	G	ODC	RP1	RP2
1	Varel	CH04JN	311.0	0.0	436.0	436.0	35.00	12.5	0	0	NO	A	0	I	NO	TD	TD
2	Varel	MKS65	200.0	436.0	1,450.0	1,014.0	75.25	13.5									

Total Rotating Hours: 110.25

Wireline Logging Summary

Storage Units: Metric

Logging Suite Number:	1	Wireline Logging Company:	Weatherford Logging Services.	Engineer:	L. Sutherland
District:	GPR			Unit Number:	13132
Witness:	Azim Ahmed				
Was Pressure Control Equipment Utilized:	No	Maximum Deviation:	1.500 °		
Was the Logging Job Mechanically Assisted:	No	Hole Size:	200.0		
Total Lost Time:	0.00				
Loggers' Total Down Time:	0.00				
Total Job Time (From Rig up to Rig down):	4.50				

	Measured Depth	True Vertical Depth
Casing Depth Driller	436.00	436.00
Casing Depth Logger	435.00	435.00
Total Depth Driller (Tally)	1,450.00	1,450.00
Total Depth Driller (Strap or SLM)	1,450.00	

General Remarks: Logging was completed in one run.
RUN#1: MCG/MFE/MTC/MML/MGS/MDN/MSS/MAI tools.

Logging Run #: 1
Date: Feb 27, 2007

Drilling Fluid Data

Drilling Fluid Type:	Gel Chem	Fluid Density:	1180.0	Viscosity:	85	pH:	10.0	Fluid Loss:	8.0
Mud Resistivity (Rm):	0.54	@	25.0 °						
Mud Resistivity (Rm) @ BHT:	0.36	@	47.0 °					Maximum Temperature:	47.0 °
Mud Filtrate Resistivity (Rmf):	0.41	@	25.0 °					Source (Rmf):	Press
Mud Cake Resistivity (Rmc):	0.63	@	25.0 °					Source (Rmc):	Filter

Logging Run Information

Date on Bottom: Feb 27, 2007
Total Depth Logger: 1,448.60 (MD) 1,448.60 (TVD)

Logging Tools: MCG/MFE/MTC/MML/MGS/MDN/MSS/MAI tools; 1444.30m to 435.0m; no hole problems during logging.

Remarks:

- # The well is drilled as a vertical one. and all depth are measured from RKB.
- # The well is drilled by Precision Drilling Rig# 129.
- # Paramount AFE# 07N710028.
- # Logging was completed by Weatherford.
- # 139.7mm production casings were run in.

Hole Conditions: Good hole condition.

Directional Survey Points

Storage Units: Metric

Survey Type: magnetic / single shot

Measured Depth	T.V.D.	Drift Angle (°)	Azimuth (°)	+N / -S Distance	+E / -W Distance	Vertical Section	DogLeg Severity
31.00	0.25	0.250					
59.37	59.37	0.500					
96.16	96.16	0.500					
128.50	128.50	0.500					
156.36	156.36	1.000					
184.61	184.61	0.750					
212.92	212.92	0.750					
241.57	241.57	0.750					
270.13	270.13	0.250					
309.13	309.13	0.500					
338.17	338.17	0.750					
387.33	387.33	0.250					
396.62	396.62	0.750					
425.00	425.00	0.750					
436.00	436.00	1.000					
515.00	515.00	1.000					
661.80	661.80	0.500					
846.60	846.66	1.000					
943.85	943.85	0.750					
1,041.00	1,041.00	1.000					
1,138.73	1,138.73	1.500					
1,183.73	1,183.73	1.500					
1,196.80	1,196.80	1.250					
1,274.00	1,274.00	0.500					
1,450.00	1,450.00	0.500					

Drilling Fluid Summary

Storage Units: Metric

Drilling Fluid Type:	Gel Chem	From:	0	To:	436
Drilling Fluid Type:	Floc Water	From:	436	To:	856
Drilling Fluid Type:	Gel Chem	From:	856	To:	1,450

Work Schedule

Storage Units:

Metric

Company: Khan Petroleum Ltd.
Geologist: Azim Ahmed

Work Performed From: Feb 18, 2007 To: Mar 1, 2007
Depths Logged From: 1,280.0 To: 1,450.0

Remarks: Rig moved from Cameron J-04 to Cameron L-73 on Feb 17, 2007.

Formation Top Summary

Storage Units:

Metric

Kelly Bushing Elevation:
Ground Elevation:

774.80
770.80

Casing Flange Elevation:

4.00

***** All Depths measured from Kelly Bushing Elevation *****

Group Formation Member	Prognosis (TVD)	Sample Top (MD)	Sample Top (TVD)	Log Top (MD)	Log Top (TVD)	Subsea	Thickness
<i>Wabamun</i>	554.80			552.00	552.00	222.80	
<i>Fort Simpson</i>	719.80			717.00	717.02	57.78	
<i>Sample Point</i>	1,285.00	1,285.00	1,285.00	1,285.00	1,285.00	-510.20	
<i>Beaverhill LK</i>	1,322.80	1,324.00	1,324.00	1,320.00	1,320.00	-545.20	21.00
<i>Slave Point</i>	1,346.50	1,345.00	1,345.00	1,343.25	1,343.25	-568.45	40.00
<i>F4 Marker</i>	1,388.20	1,385.00	1,385.00	1,386.00	1,386.00	-611.20	8.50
<i>Watt Mountain</i>	1,394.70	1,393.50	1,393.50	1,392.00	1,392.00	-617.20	5.00
<i>Sulphur Pt Ls</i>	1,398.00	1,398.50	1,398.50	1,398.00	1,398.00	-623.20	16.50
<i>Sulphur Pt Dol</i>	1,415.30	1,415.00	1,415.00	1,415.30	1,415.30	-640.50	14.00
<i>Muskeg</i>	1,428.10	1,429.00	1,429.00	1,428.00	1,428.00	-653.20	21.00
<i>Total depth</i>	1,449.80	1,450.00	1,450.00	1,448.60	1,448.60	-673.80	

Formation Evaluations

Storage Units:

Metric

Kelly Bushing Elevation:
Ground Elevation:

774.80
770.80

Casing Flange Elevation:

4.00

All Depths Measured from Kelly Bushing Elevation

Group:
Formation: Slave Point
Member:
Boundary Type: conformable
Fault Type: none

Era: Paleozoic
Series: Middle
Period: Devonian
Stage:
Age (Approx): 370 Million years.

	Measured Depth	True Vertical Depth	Subsea	Thickness
Sample Top	1,345.00	1,345.00	-570.20	40.00
Log Top	1,343.25	1,343.25	-568.45	

Evaluation:

The secondary object of drilling Cameron L-73 was to test the hydrocarbon potentiality in the Slave point. The Slave Point formation was identified at 1345.0m RKB (-570.30m SS) RKB. The formation is overlain by the Upper Devonian Beaverhill Lake. The formation is fully developed with a thickness of 40m. From the consistent ROPs the formation was picked up. ROP varied between 4.3min/ to 9.7min/m and limestone cuttings differentiated from the overlying formation and conformably underlain by the Fort Vermilion (F4) Formation.

In the Para Et Al Cameron L-73 well the Slave Point formation anticipated its typical buff and tan to dark brown limestone, intercalated with fine crystalline dolomite and possibly with thin shale laminae.

The limestone section drilled in the Slave point Formation are generally of buff, off white, light brown, mottled, tan, yellowish brown color with abundant of brownish yellow stained grains. They are firm to crumpled to moderately hard, lumpy to blocky, partly sub blocky and partly chalky. They are predominately cryptocrystalline to microcrystalline, occasionally fine crystalline debris, predominately wackestone to mudstone and locally dolomitic. Commonly the possess intraclasts & occasionally bioclastic debris, loose grains to predominately peloids, calcarenite with traces of fine crystalline dolomite and traces of coarse quartz grain. Traces of granular to nodular pyrites are noticed at some depths. Traces of natural oil fluorescence are noticed with very faint cut.

Down the section are coarser with some very fine crystalline debris and grainstones.

Traces to maximum 40% oil fluorescence are noticed between till 1380.0m. Very weak odor, no visible staining, light brownish yellow natural sample fluorescence, faint cut, no residual ring fluorescence, poor show. Good oil show is noticed in the middle section.

Massive deposition of limestone beds possesses 3% - 6% intercrystalline porosity in all through the drilled section. 5% -13% porosity was noticed between 1354.0m to 1364.0m RKB with a maximum gas show of 819/84 units. 7% -14% porosity are noticed between 1364.0m to 1372.0m RKB.

The section from 1357.0m to 1376.0m RKB is noticeable possessing very good reservoir potentiality and can be tested for production.

Conclusion:

From the geological point of view the Slave Point Formation in the Cameron Hills is very interesting from the geological view. Usually this formation is not prospective in this area. It is oily and gives gas response but will not be a pay zone. Further investigation and studies are being proposed for the Slave Point formation.

Formation Evaluations

Storage Units:

Metric

Kelly Bushing Elevation:	774.80	Casing Flange Elevation:	4.00
Ground Elevation:	770.80		

All Depths Measured from Kelly Bushing Elevation

Group:		Era:	Paleozoic
Formation:	Sulphur Pt Ls	Series:	Middle
Member:		Period:	Devonian
Boundary Type:	disconformable	Stage:	
Fault Type:	none	Age (Approx):	370 Million years.

	Measured Depth	True Vertical Depth	Subsea	Thickness
Sample Top	1,398.50	1,398.50	-623.70	16.50
Log Top	1,398.00	1,398.00	-623.20	

Evaluation:

The Sulphur Point Formation conformably separates the overlying Watt Mountain from the underlying Muskeg formation. The limestone part of the formation is picked up with the end of greenish shale Watt Mountain formation.

Inconsistent ROP curve varies from the consistent curve of the overlying and underlying formations. ROPs in the limestone part varied from 2.7min/ to 7.4min/m excepting in the grainy and porous limestone deposit. The limestone part is picked at 1398.50m RKB (-623.70m SS) from the samples, gas show and ROP and later was co-related with the electrical logs. In the log the limestone section is noted at 1398.0m RKB (-623.20m SS). Presence of high gas - maximum 561/222 units is the other criteria for picking up the interval.

The limestone are off white, mottled, light yellow with dark brown stain, light brown and of dark brown color. They are generally firm to crumple to moderately hard, friable, blocky to sub blocky, predominately microcrystalline to crystalline debris. Usually wackestone to packstone are encountered with some very fine crystalline and grainstones debris. Traces to abundant crystalline dolomite are present with traces of coarse quartz grain and rare with anhydrite inclusion. Gray to greenish gray shale fragments is common,

off white, mottled, light yellow with dark brown stain, light to dark brown, firm to crumpled to moderately hard, blocky to sub blocky, smooth to gritty, predominately cryptocrystalline, partly microcrystalline, wackestone to packstone, occasionally grading to very fine crystalline grainstone, locally grading to dolomitic limestone, intraclasts & occasionally bioclastic debris, commonly loose grains to predominately peloids, calcarenite, abundant of very fine crystalline dolomite, traces of coarse quartz grain, traces of anhydrite inclusion, abundant of gray to greenish gray shale fragments, vuggy to fair visible intracrystalline porosity, very faint odor, no visible staining, traces of light brown oil show, light brownish yellow sample fluorescence, faint cut, no residual ring fluorescence, poor show.

Traces to patchy brownish yellow natural fluorescence are noticed - weak odor, no visible staining, traces of light brown oil show, light brownish yellow sample fluorescence, faint cut, no residual ring fluorescence, poor show which possibly indicates presence of heavy hydrocarbon in condensate form.

This limestone part is 16.5m thick. Porosity varies from 3% - 7% excepting some porous streaks where >12% porosity can be noticed. Down the section is coarser and dolomitic

Conclusion:

The reservoir properties are limited due presence of non porous chalky grains and fine crystalline grains. However, the interval from 1407.0m to 1415.0m RKB identifies itself with good reservoir properties for production. However, further evaluation is needed for the geological interest.

Formation Evaluations

Storage Units:

Metric

Kelly Bushing Elevation:	774.80	Casing Flange Elevation:	4.00
Ground Elevation:	770.80		

All Depths Measured from Kelly Bushing Elevation

Group:		Era:	Paleozoic
Formation:	Sulphur Pt Dol	Series:	Middle
Member:		Period:	Devonian
Boundary Type:	disconformable	Stage:	
Fault Type:	none	Age (Approx):	370 Million years.

	Measured Depth	True Vertical Depth	Subsea	Thickness
Sample Top	1,415.00	1,415.00	-640.20	14.00
Log Top	1,415.30	1,415.30	-640.50	

Evaluation:

The dolomitize part of the Sulphur Point Formation separated from the underlying of limestone part from the overlying Muskeg Formation. Presence of dolomite is the main criteria of identifying the dolomite part. In general ROP varied between 6.7min/m to 12.6min/m other than in the fine crystalline porous intercalation where ROP are faster.

The dolomitize part is encountered at 1415.0m RKB (-640.20m SS) which differs a little from that of electrical log at 1415.5m RKB (_640.70m SS).

In the top section the dolomite encountered are off white, light brown, mottled, tan, satiny, creamy and reddish brown color. They are from firm, crumpled to moderately hard, blocky to sub blocky and partly earthy & chalky and ratty., Mainly cryptocrystalline debris, mudstone, partly wackestone, slightly argillaceous, abundant limestone inclusion, locally grading to dolomitic limestone, and rare fossiliferous. Abundant of calcite and anhydrite are noticed down the section with traces of bituminous partings. Shale grains were common.

The middle section is darker and coarser with some good streaks of grainy dolomites. Gas shows were high in all through the drilled section with maximum 606/122 units at 1428m RKB. Porosity varies from 4% - 12% and a little greater in some streaks. Gas show decreases with the increase of chalky and ratty characteristics and presence of anhydrite. The lower section was more of chalky, ratty mudstone and anhydrites. Porosity almost faded away in the lower section whereas 4 - 7% intercrystalline porosity is noticed in the top section with some high percentages.

Live oil flow was noticed at shakers during drilling this section. Weak odor of heavy hydrocarbon was noticed in all through the dolomite section are noticed - weak odor, no visible staining, patchy to even >80% light yellowish brown natural sample fluorescence, faint intensity with light milky cut, feeble milky white residual ring fluorescence - fair to good show

The reservoir properties are limited by the presence of chalky, ratty mudstone dolomite and anhydrite but the middle section from 1414.0m to 1417.0m RKB possesses favorable reservoir properties. This section can be tested for commercial feasibility. Further evaluation and studies are needed for geological interest.

Conclusion:

The reservoir properties are limited by the presence of chalky, ratty mudstone dolomite and anhydrite but the middle section from 1414.0m to 1417.0m RKB possesses favorable reservoir properties. This section can be tested for commercial feasibility. Further evaluation and studies are needed for geological interest.

Sample Descriptions

Storage Units: Metric

Sample Point: 1,285.00 MD, 1,285.00 TVD, -510.20 SSL

1,285.00 to 1,290.00	60%	Shale (5.00)	light gray to dark gray, greenish gray, firm, friable, partly moderately hard to hard, splintery to blocky, micromicaceous, dull earthy texture, mud stone inclusion, smooth to waxy texture in parts, fissile to subfissile, partly platy, carbonaceous, in part calcite grading to argillaceous limestone, abundant of light gray, green gray to tan mcxln limestone inclusion, abundant of dark brown to black minerals, rare silty, very calcareous to shally limestone.
	40%	Limestone	off white, light brown, brownish gray, mottled, in part chalky, firm to crumpled, rare moderately hard, blocky to subblocky, smooth to gritty, partly grainy, cryptocrystalline to microcrystalline debris, predominately mudstone, rare wackestone, calcarenite, commonly dolomitic & locally grading to dolomitic limestone, traces of calcite inclusions, abundant of green gray to light gray shale fragments, local disseminated pyrite, poor intercrystalline visible porosity, no shows.
1,290.00 to 1,295.00	70%	Shale (5.00)	medium gray, gray, greenish gray, firm, friable, partly moderately hard to hard, splintery to blocky, micromicaceous, dull earthy texture, mud stone inclusion, smooth to waxy texture in parts, fissile to subfissile, partly platy, carbonaceous, traces of granular pyrite, abundant of gray to tan limestone inclusion, abundant of dark brown to black minerals, traces of loose coarse quartz grains, rare silty, very calcareous to shally limestone.
	30%	Limestone	off white, light brown, brownish gray, mottled, in part chalky, firm to crumpled, rare moderately hard, blocky to subblocky, smooth to gritty, partly grainy, cryptocrystalline to microcrystalline debris, predominately mudstone, rare wackestone, calcarenite, commonly dolomitic & locally grading to dolomitic limestone, traces of calcite inclusions, abundant of green gray to light gray shale fragments, local disseminated pyrite, poor intercrystalline visible porosity, no shows.
1,295.00 to 1,300.00	70%	Shale (5.00)	medium gray, gray, greenish gray, firm, friable, partly moderately hard to hard, splintery to blocky, micromicaceous, dull earthy texture, mud stone inclusion, smooth to waxy texture in parts, fissile to subfissile, partly platy, carbonaceous, traces of granular pyrite, abundant of gray to tan limestone inclusion, abundant of dark brown to black minerals, traces of loose coarse quartz grains, rare silty, very calcareous to shally limestone.
	30%	Limestone	off white, light brown, brownish gray, mottled, in part chalky, firm to crumpled, rare moderately hard, blocky to subblocky, smooth to gritty, partly grainy, cryptocrystalline to microcrystalline debris, predominately mudstone, rare wackestone, calcarenite, commonly dolomitic & locally grading to dolomitic limestone, traces of calcite inclusions, abundant of shale fragments, local disseminated pyrite, poor intercrystalline visible porosity, no shows.

Sample Descriptions

Storage Units: Metric

1,300.00 to 1,305.00 (5.00)	70% Shale medium gray, gray, greenish gray, firm, friable, partly moderately hard to hard, splintery to blocky, micromicaceous, dull earthy texture, mud stone inclusion, smooth to waxy texture in parts, fissile to subfissile, partly platy, carbonaceous, traces of granular pyrite, abundant of gray to tan limestone inclusion, abundant of dark brown to black minerals, traces of loose coarse quartz grains, rare silty, very calcareous to shaly limestone.
	30% Limestone off white, light brown, brownish gray, mottled, in part chalky, firm to crumpled, rare moderately hard, blocky to subblocky, smooth to gritty, partly grainy, cryptocrystalline to microcrystalline debris, predominately mudstone, rare wackestone, calcarenite, commonly dolomitic & locally grading to dolomitic limestone, traces of calcite inclusions, abundant of shale fragments, local disseminated pyrite, poor intercrystalline visible porosity, no shows.
1,305.00 to 1,310.00 (5.00)	80% Shale gray, dark gray, brownish gray, occasionally greenish gray, moderately hard to hard, partly friable, sub blocky to blocky, smooth to gritty, commonly micromicaceous, partly limy, partly dull earthy texture, rare subfissile, partly platy, rare thinly laminated, occasionally silty, partly carbonaceous, traces of argillaceous limestone, traces of granular pyrite, calcareous.
	20% Limestone off white, light brown, brownish gray, mottled, tan, in part chalky, firm to crumpled, rare moderately hard, blocky to subblocky, smooth to gritty, partly grainy, cryptocrystalline to microcrystalline debris, predominately mudstone, rare wackestone, calcarenite, commonly dolomitic & locally grading to dolomitic limestone, traces of calcite inclusions, abundant of shale fragments, local disseminated pyrite, traces of loose coarse quartz grains, poor intercrystalline visible porosity, no shows.
1,310.00 to 1,315.00 (5.00)	80% Shale medium gray, gray, partly greenish gray, firm, friable, partly moderately hard to hard, splintery to blocky, micromicaceous, dull earthy texture, partly clayey & soluble, mud stone inclusion, smooth to waxy texture in parts, fissile to subfissile, partly platy, carbonaceous, traces of granular pyrite, abundant of gray to tan lumpy to blocky limestone, abundant of dark brown to black minerals, traces of loose coarse quartz grains, rare silty, very calcareous to shaly limestone, rare dolomitic.
	20% Limestone off white, light brown, brownish gray, mottled, tan, in part chalky, firm to crumpled, rare moderately hard, blocky to subblocky, smooth to gritty, partly grainy, cryptocrystalline to microcrystalline debris, predominately mudstone, rare wackestone, calcarenite, commonly dolomitic & locally grading to dolomitic limestone, traces of calcite inclusions, abundant of shale fragments, local disseminated pyrite, traces of loose coarse quartz grains, poor intercrystalline visible porosity, no shows.

Sample Descriptions

Storage Units: Metric

1,315.00 to 1,320.00 (5.00)	70% Shale medium gray, gray, partly greenish gray, firm, friable, partly moderately hard to hard, splintery to blocky, micromicaceous, dull earthy texture, mud stone inclusion, smooth to waxy texture in parts, fissile to subfissile, partly platy, carbonaceous, traces of granular pyrite, abundant of gray to tan lumpy to blocky limestone, abundant of dark brown to black minerals, traces of loose coarse quartz grains, rare silty, very calcareous to shally limestone, rare dolomitic.
	30% Limestone off white, light brown, brownish gray, mottled, tan, in part chalky, firm to crumpled, rare moderately hard, blocky to subblocky, smooth to gritty, partly grainy, cryptocrystalline to microcrystalline debris, predominately mudstone, rare wackestone, calcarenite, commonly dolomitic & locally grading to dolomitic limestone, traces of calcite inclusions, abundant of shale fragments, local disseminated pyrite, traces of loose coarse quartz grains, poor intercrystalline visible porosity, no shows.

Beaverhill LK: 1,324.00 MD, 1,324.00 TVD, -549.20 SSL

1,320.00 to 1,325.00 (5.00)	80% Shale light to medium gray, blackish gray, traces greenish gray, moderately hard to hard, partly friable, sub blocky to blocky, commonly micromicaceous & limy, partly dull earthy texture, partly smooth to waxy, partly subfissile, partly platy, rare thinly laminated, partly clayey, occasionally silty, partly carbonaceous, clayey in parts, traces of argillaceous limestone, traces bituminous in part (?), abundant of shale fragments, local disseminated pyrite, traces of loose coarse quartz grains with rare siltsone & sandstone stringers, calcareous. traces of siltstone and sandstone stringers, abundant of argillaceous limestone, calcareous.
	20% Limestone off white, light brown, brownish gray, mottled, tan, in part chalky, firm to crumpled, rare moderately hard, blocky to subblocky, smooth to gritty, partly grainy, cryptocrystalline to microcrystalline debris, predominately mudstone, rare wackestone, calcarenite, commonly dolomitic & locally grading to dolomitic limestone, traces of calcite inclusions, traces bituminous in part (?), abundant of shale fragments, local disseminated pyrite, traces of loose coarse quartz grains, poor intercrystalline visible porosity, no shows.
1,325.00 to 1,330.00 (5.00)	80% Shale light to medium gray, dark gray, brownish gray, occasionally greenish gray, moderately hard to hard, partly friable, sub blocky to blocky, smooth to gritty, commonly micromicaceous, partly limy, partly dull earthy texture, rare subfissile, partly platy & rare thinly laminated, occasionally silty, partly carbonaceous, traces off white to gray argillaceous limestone, traces of coarse quartz grain with some siltstone stringers, calcareous.

Sample Descriptions

Storage Units: Metric

1,325.00 to 1,330.00 (5.00)	20% Limestone off white, light brown, brownish gray, mottled, tan, in part chalky, firm to crumpled, rare moderately hard, blocky to subblocky, smooth to gritty, partly grainy, cryptocrystalline to microcrystalline debris, predominately mudstone, rare wackestone, calcarenite, commonly dolomitic & locally grading to dolomitic limestone, traces of calcite inclusions, abundant of shale fragments, local disseminated pyrite, traces of loose coarse quartz grains, poor intercrystalline visible porosity, no shows.
1,330.00 to 1,335.00 (5.00)	60% Shale gray, dark gray, brownish gray, occasionally greenish gray, moderately hard to hard, partly friable, sub blocky to blocky, smooth to gritty, commonly micromicaceous, partly limy, partly dull earthy texture, rare subfissile, partly platy, rare thinly laminated, occasionally silty, partly carbonaceous, traces of argillaceous limestone, traces of granular pyrite, calcareous. 40% Limestone off white, light brown, brownish gray, mottled, tan, in part chalky, firm to crumpled, rare moderately hard, blocky to subblocky, smooth to gritty, partly grainy, cryptocrystalline to microcrystalline debris, predominately mudstone, rare wackestone, calcarenite, commonly dolomitic & locally grading to dolomitic limestone, traces of calcite inclusions, traces bituminous in part (?), abundant of shale fragments, local disseminated pyrite, traces of loose coarse quartz grains, poor intercrystalline visible porosity, no shows.
1,335.00 to 1,340.00 (5.00)	60% Shale gray, dark gray, brownish gray, occasionally greenish gray, moderately hard to hard, partly friable, sub blocky to blocky, smooth to gritty, commonly micromicaceous, partly limy, partly dull earthy texture, rare subfissile, partly platy, rare thinly laminated, occasionally silty, partly carbonaceous, traces of argillaceous limestone, traces of granular pyrite, calcareous. 40% Limestone off white, light brown, brownish gray, mottled, tan, in part chalky, firm to crumpled, rare moderately hard, blocky to subblocky, smooth to gritty, partly grainy, cryptocrystalline to microcrystalline debris, predominately mudstone, rare wackestone, calcarenite, commonly dolomitic & locally grading to dolomitic limestone, traces of calcite inclusions, traces bituminous in part (?), abundant of shale fragments, local disseminated pyrite, traces of loose coarse quartz grains, poor intercrystalline visible porosity, no shows.
1,340.00 to 1,345.00 (5.00)	80% Shale gray, dark gray, brownish gray, occasionally greenish gray, moderately hard to hard, partly friable, sub blocky to blocky, smooth to gritty, commonly micromicaceous, partly limy, partly dull earthy texture, rare subfissile, partly platy & rare thinly laminated, occasionally silty, partly carbonaceous, traces of argillaceous limestone, traces of coarse quartz grain with some siltstone stringers, calcareous.

Sample Descriptions

Storage Units: Metric

1,340.00 to 1,345.00 20% **Limestone**
(5.00) off white, light brown, brownish gray, mottled, tan, in part chalky, firm to crumpled, rare moderately hard, blocky to subblocky, smooth to gritty, partly grainy, cryptocrystalline to microcrystalline debris, predominately mudstone, rare wackestone, calcarenite, commonly dolomitic & locally grading to dolomitic limestone, traces of calcite inclusions, traces bituminous in part (?), abundant of shale fragments, local disseminated pyrite, traces of loose coarse quartz grains, poor intercrystalline visible porosity, no shows.

Slave Point: 1,345.00 MD, 1,345.00 TVD, -570.20 SSL

1,345.00 to 1,350.00 80% **Limestone**
(5.00) off white, mottled, tan, creamy, dark brown, occasional dark brown oil stain, firm to crumpled to moderately hard, lumpy to blocky, partly subblocky, partly chalky, predominately cryptocrystalline to microcrystalline, occasionally fine crystalline debris, predominately wackestone to mudstone, locally dolomitic, intraclasts & occasionally bioclastic debris, commonly loose grains to predominately peloids, calcarenite, traces of fine crystalline dolomite, rare calcite infill, dense with trace poor intracrystalline porosity, traces of light brown oil show, no visible staining, very weak odour, light pale brownish yellow natural sample fluorescence, very faint cut, no residual ring fluorescence, poor show.

20% **Shale**

gray, dark gray, brownish gray, occasionally greenish gray, moderately hard to hard, partly friable, sub blocky to blocky, smooth to gritty, commonly micromicaceous, partly limy, partly dull earthy texture, rare subfissile, partly platy, rare thinly laminated, occasionally silty, partly carbonaceous, traces of argillaceous limestone, traces of granular pyrite, calcareous.

1,350.00 to 1,355.00 100%**Limestone**
(5.00) predominately brown, off white, light yellow with dark brown stain, occasionally tan, dark brown, firm, friable to crumpled to moderately hard, lumpy to blocky, predominately cryptocrystalline to microcrystalline, rare very fine crystalline debris, predominately wackestone, partly mudstone, intraclasts & occasionally bioclastic debris, calcarenite, partly argillaceous, traces of fine crystalline dolomite, rare siltstone stringer & greenish brown shale fragments inclusion, traces of loose coarse quartz grains, good visible intracrystalline porosity, weak odour, no visible staining, patchy golden white natural sample fluorescence, slow faint cut, pale yellowish brown residual ring fluorescence, good show.

1,355.00 to 1,360.00 100%**Limestone**
(5.00) predominately brown, off white, occasional dark brown oil stain, dark brown, firm, friable to crumpled to moderately hard, lumpy to blocky, predominately cryptocrystalline to microcrystalline, rare very fine crystalline debris, predominately wackestone, partly mudstone, intraclasts & occasionally bioclastic debris, calcarenite, partly argillaceous, traces of fine crystalline dolomite, rare siltstone stringer & greenish brown shale fragments inclusion, traces of loose coarse quartz grains, good visible intracrystalline porosity, weak odour, no visible staining, patchy brownish yellow natural sample fluorescence, slow faint cut, pale yellowish white residual ring fluorescence, good show.

Sample Descriptions

Storage Units: Metric

1,360.00 to 1,365.00 (5.00)	100%Limestone predominately brown, off white, occasional dark brown oil stain, dark brown, firm, friable to crumpled to moderately hard, lumpy to blocky, predominately cryptocrystalline to microcrystalline, rare very fine crystalline debris, predominately wackestone, partly mudstone, intraclasts & occasionally bioclastic debris, calcarenite, partly argillaceous, traces of fine crystalline dolomite, rare siltstone stringer & greenish brown shale fragments inclusion, traces of loose coarse quartz grains, good visible intracrystalline porosity, weak odour, no visible staining, patchy brownish yellow natural sample fluorescence, slow faint cut, pale yellowish white residual ring fluorescence, good show.
1,365.00 to 1,370.00 (5.00)	100%Limestone brown, tan, off white, greenish brown, light yellow with dark brown stain, dark brown, firm, friable to crumpled to moderately hard, lumpy to blocky, predominately microcrystalline to very fine crystalline debris, partly cryptocrystalline, predominately wackestone, partly mudstone, intraclasts & occasionally bioclastic debris, calcarenite, partly argillaceous, traces of fine crystalline dolomite, local bituminous partings, rare siltstone stringer & greenish brown shale fragments inclusion, traces of loose coarse quartz grains, good visible intracrystalline porosity, weak odour, no visible staining, patchy golden white natural sample fluorescence, slow faint cut, pale yellowish brown residual ring fluorescence, good show.
1,370.00 to 1,375.00 (5.00)	100%Limestone off white, mottled, tan, creamy, dark brown, occasional dark brown oil stain, firm to crumpled to moderately hard, lumpy to blocky, partly subblocky, partly chalky, predominately cryptocrystalline to microcrystalline, occasionally fine crystalline debris, predominately wackestone to mudstone, locally dolomitic, intraclasts & occasionally bioclastic debris, commonly loose grains to predominately peloids, calcarenite, traces of fine crystalline dolomite, rare calcite infill, fair to good visible intracrystalline porosity, weak odour, no visible staining, patchy brownish yellow natural sample fluorescence, slow faint cut, pale yellowish white residual ring fluorescence, good show.
1,375.00 to 1,380.00 (5.00)	100%Limestone brown, off white, greenish brown, dark brown, light yellow with dark brown stain, tan, firm, friable to crumpled to moderately hard, lumpy to blocky, predominately microcrystalline to very fine crystalline debris, partly cryptocrystalline, predominately wackestone, partly mudstone, partly grainy, intraclasts & occasionally bioclastic debris, calcarenite, argillaceous in parts, traces of fine crystalline dolomite, local bituminous partings, rare siltstone stringer & greenish brown shale fragments inclusion, traces of loose coarse quartz grains, good visible intracrystalline porosity, weak odour, no visible staining, traces of golden white natural sample fluorescence, slow faint cut, pale brownish yellow residual ring fluorescence, fair show.

Sample Descriptions

Storage Units: Metric

1,380.00 to 1,385.00 100%**Limestone**
(5.00) brown, tan, greenish brown, dark brown, occasional dark brown oil stain, firm, friable to crumpled to moderately hard, lumpy to blocky, predominately microcrystalline to very fine crystalline debris, partly cryptocrystalline, predominately wackestone, partly mudstone, partly grainy, intraclasts & occasionally bioclastic debris, calcarenite, argillaceous in parts, traces of fine crystalline dolomite, local bituminous partings, rare calcite infill, rare siltstone stringer & greenish brown shale fragments inclusion, traces of loose coarse quartz grains, good visible intracrystalline porosity, weak odour, no visible staining, traces of yellowish brown natural sample fluorescence, slow faint cut, pale brownish yellow residual ring fluorescence, fair show.

F4 Marker: 1,385.00 MD, 1,385.00 TVD, -610.20 SSL

1,385.00 to 1,390.00 80% **Limestone**
(5.00) brown, light yellow with dark brown stain, occasionally tan, dark brown, firm, friable to crumpled to moderately hard, blocky to subblocky, smooth to gritty, predominately microcrystalline to very fine crystalline debris, partly cryptocrystalline, predominately wackestone, partly mudstone, partly argillaceous, traces of fine crystalline dolomite, traces of greenish brown shale fragments, abundant of anhydrite inclusion, loose coarse quartz grains, tight visible intracrystalline porosity, no shales.

20% Shale
medium gray to brownish gray, greenish gray, firm, friable, moderately hard to hard, sub blocky to blocky, commonly micromicaceous, rare dull earthy texture, partly clayey, soft & sticky, rare subfissile, partly platy, occasionally silty, partly carbonaceous, abundant crystalline limestone, traces of fine crystalline dolomite, traces of bituminous (?) fragments, traces of coarse quartz grain, traces of anhydrite inclusion, non to slightly calcareous.

Watt Mountain: 1,393.50 MD, 1,393.50 TVD, -618.70 SSL

1,390.00 to 1,395.00 80% Limestone
(5.00) gray, brownish gray, off white, mottled, light yellow with dark brown stain, light brown, dark brown, firm to crumpled to moderately hard, blocky to subblocky, smooth to gritty, predominately microcrystalline to crystalline debris, predominately wackestone to packstone, locally grading to dolomitic limestone, intraclasts & occasionally bioclastic debris, commonly loose grains to predominately peloids, calcarenite, traces of fine crystalline dolomite, traces of coarse quartz grain, traces of anhydrite inclusion, abundant of gray to greenish gray shale fragments, vuggy to fair visible intracrystalline porosity, very faint odour, no visible staining, traces of light brown oil show, light brownish yellow sample fluorescence, faint cut, no residual ring fluorescence, poor show.

20% Shale
gray, greenish gray, moderately hard to hard, partly friable, sub blocky to blocky, commonly micromicaceous, rare dull earthy texture, partly clayey & soft to firm, rare subfissile, partly platy, occasionally silty, partly carbonaceous, abundant crystalline limestone, traces of fine crystalline dolomite, traces of bituminous (?) fragments, non to slightly calcareous.

Sample Descriptions

Storage Units: Metric

Sulphur Pt Ls: 1,398.50 MD, 1,398.50 TVD, -623.70 SSL

1,395.00 to 1,400.00 (5.00)	80% Limestone brown, light yellow with dark brown stain, occasionally tan, dark brown, firm, friable to crumpled to moderately hard, blocky to subblocky, smooth to gritty, predominately microcrystalline to very fine crystalline debris, partly cryptocrystalline, predominately wackestone, partly mudstone, partly argillaceous, traces of fine crystalline dolomite, traces of greenish brown shale fragments, abundant of anhydrite inclusion, loose coarse quartz grains, fair visible intracrystalline porosity, traces of light brown oil show, weak odor, light brownish yellow sample fluorescence, faint cut, no residual ring fluorescence, poor show.
20%	Shale gray, greenish gray, green, moderately hard to hard, partly friable, sub blocky to blocky, smooth to gritty, commonly micromicaceous, rare dull earthy texture, rare subfissile, occasionally thinly laminated, occasionally silty, partly carbonaceous, abundant crystalline limestone, traces of fine crystalline dolomite, abundant of bituminous (?) fragments with dark brown to black minerals, traces of coarse quartz grain with granular pyrite, traces of anhydrite inclusion, calcareous.
1,400.00 to 1,405.00 (5.00)	100%Limestone off white, mottled, light yellow with dark brown stain, light to dark brown, firm to crumpled to moderately hard, blocky to subblocky, smooth to gritty, predominately cryptocrystalline, partly microcrystalline, wackestone to packstone, occasionally grading to very fine crystalline grainstone, locally grading to dolomitic limestone, intraclasts & occasionally bioclastic debris, commonly loose grains to predominately peloids, calcarenite, abundant of very fine crystalline dolomite, traces of coarse quartz grain, traces of anhydrite inclusion, abundant of gray to greenish gray shale fragments, vuggy to fair visible intracrystalline porosity, very faint odour, no visible staining, traces of light brown oil show, light brownish yellow sample fluorescence, faint cut, no residual ring fluorescence, poor show.
1,405.00 to 1,410.00 (5.00)	100%Limestone off white, mottled, light yellow with dark brown stain, light to dark brown, firm to crumpled to moderately hard, blocky to subblocky, smooth to gritty, predominately cryptocrystalline, partly microcrystalline, wackestone to packstone, occasionally grading to very fine crystalline grainstone, locally grading to dolomitic limestone, intraclasts & occasionally bioclastic debris, commonly loose grains to predominately peloids, calcarenite, abundant of very fine crystalline dolomite, traces of coarse quartz grain, traces of anhydrite inclusion, abundant of gray to greenish gray shale fragments, vuggy to fair visible intracrystalline porosity, very faint odour, no visible staining, traces of light brown oil show, light brownish yellow sample fluorescence, faint cut, no residual ring fluorescence, poor show.

Sample Descriptions

Storage Units: Metric

1,410.00 to 1,415.00 (5.00)	60% Limestone off white, mottled, light yellow with dark brown stain, light brown, dark brown, firm to crumpled to moderately hard, blocky to subblocky, predominately microcrystalline to crystalline debris, predominately wackestone to packstone, intraclasts & occasionally bioclastic debris, abundant of fine crystalline dolomite inclusion, traces of coarse quartz grain, fair to good visible intracrystalline porosity, very faint odour, no visible staining, traces of light brown oil show, light brownish yellow sample fluorescence, faint cut, no residual ring fluorescence, poor show.
	40% Dolomite white, off white, mottled, tan, light gray, light brown, blocky to subblocky, smooth to gritty, partly chalky predominately cryptocrystalline debris, predominately mudstone, partly wackestone, slightly argillaceous, rare evidence of fractures surface with bituminous coating, abundant limestone inclusion, fossiliferous, abundant of calcite, traces of loose quartz grains, traces of anhydrite inclusion, vuggy visible intracrystalline porosity, very faint odour, no visible staining, patchy light brown oil show, light brownish yellow sample fluorescence, faint cut, faint milky white residual ring fluorescence, fair to good show.

Sulphur Pt Dol: 1,415.00 MD, 1,415.00 TVD, -640.20 SSL

1,415.00 to 1,420.00 (5.00)	80% Dolomite off white, light brown, mottled, tan, stainy, creamy, reddish brown, firm to crumpled to moderately hard, blocky to subblocky, smooth to gritty, partly earthy & chalky, ratty, predominately cryptocrystalline debris, mudstone, partly packstone, slightly argillaceous, abundant limestone inclusion, locally grading to dolomitic limestone, calcarenite, fossiliferous, abundant of calcite and anhydrite inclusions, traces of bituminous partings, traces of shale grain, vuggy to good visible intracrystalline porosity, weak odour, no visible staining, patchy light brown oil show, light brownish yellow sample fluorescence, faint cut, faint milky white residual ring fluorescence, poor show.
	20% Limestone light brown, off white, mottled, light yellow with dark brown stain, dark brown, partly tan, firm to crumpled to moderately hard, blocky to subblocky, smooth to gritty, predominately microcrystalline to crystalline debris, predominately wackestone to packstone, locally grading to dolomitic limestone, intraclasts & occasionally bioclastic debris, commonly loose grains to predominately peloids, calcarenite, abundant of fine crystalline dolomite, traces of coarse quartz grain, vuggy to fair visible intracrystalline porosity, very faint odour, no visible staining, traces of light brown oil show, light brownish yellow sample fluorescence, faint cut, no residual ring fluorescence, poor show.
1,420.00 to 1,425.00 (5.00)	100% Dolomite mottled, tan, light gray, light brown, blocky to subblocky, smooth to gritty, partly chalky predominately cryptocrystalline debris, predominately mudstone, partly wackestone, slightly argillaceous, rare evidence of fractures surface with bituminous coating, abundant limestone inclusion, fossiliferous, abundant of calcite, traces of loose quartz grains, traces of anhydrite inclusion, vuggy visible intracrystalline porosity, weak odour, no visible staining, patchy light brown oil show, light brownish yellow sample fluorescence, faint cut, faint milky white residual ring fluorescence. NB; live oil flow noticed at shaker.

Sample Descriptions

Storage Units: Metric

Muskeg: 1,429.00 MD, 1,429.00 TVD, -654.20 SSL

1,425.00 to 1,430.00 (5.00)	70% Dolomite light brown, mottled, tan, off white, firm to crumpled to moderately hard, blocky to subblocky, smooth to gritty, partly earthy & chalky, ratty, predominately cryptocrystalline debris, predominately mudstone, partly wackestone, slightly argillaceous, abundant limestone & anhydrite inclusion, calcarenite, no visible intracrystalline porosity, no shows.
	30% Anhydrite white, off white, hyaline, tan, irregularly shaped, sharp, angular, abundant of calcite inclusion, atraces of fine crystalline limestone with abundant of of brownish gray to tan dolomite inclusion.
1,430.00 to 1,435.00 (5.00)	50% Anhydrite white, off white, light brown, light gray, white, interbeded with dolomite, inetrbeded with limestone with patchy faint oil stain and black bituminous(?) and black minerals, moderately hard, very hard in parts, blocky, cryptocrystalline to micro crystalline, grading to thomb stone debris.
	50% Dolomite light gray, light brown, mottled, tan, stainy, creamy, reddish brown, firm to crumpled to moderately hard, blocky to subblocky, smooth to gritty, partly earthy & chalky, ratty, predominately cryptocrystalline debris, mudstone, partly packstone, slightly argillaceous, abundant limestone inclusion, locally grading to dolomitic limestone, calcarenite, fossiliferous, abundant of calcite and anhydrite inclusions, traces of bituminous partings with some black minerals, traces of shale grain, tight intracrystalline porosity, no shows.
1,435.00 to 1,440.00 (5.00)	70% Dolomite light brown, mottled, tan, off white, firm to crumpled to moderately hard, blocky to subblocky, smooth to gritty, partly earthy & chalky, ratty, predominately cryptocrystalline debris, predominately mudstone, partly wackestone, slightly argillaceous, abundant anhydrite inclusion with some limestone, calcarenite, no visible intracrystalline porosity, no shows.
	30% Anhydrite white, off white, hyaline, tan, irregularly shaped, sharp, angular, abundant of calcite inclusion, traces of fine crystalline limestone with abundant of of brownish gray to tan dolomite inclusion, traces of greenish brown shale fragments, traces of carbonaceous material.
1,440.00 to 1,445.00 (5.00)	60% Dolomite light brown, mottled, tan, off white, firm to crumpled to moderately hard, blocky to subblocky, smooth to gritty, partly earthy & chalky, ratty, predominately cryptocrystalline debris, predominately mudstone, partly wackestone, slightly argillaceous, abundant anhydrite inclusion with some limestone, calcarenite, no visible intracrystalline porosity, no shows.
	40% Anhydrite white, off white, hyaline, tan, irregularly shaped, sharp, angular, abundant of calcite inclusion, traces of fine crystalline limestone with abundant of of brownish gray to tan dolomite inclusion, traces of greenish brown shale fragments, traces of carbonaceous material.

Sample Descriptions

Storage Units: Metric

1,445.00 to 1,450.00 60% **Dolomite**

(5.00)

light gray, light brown, mottled, tan, stainy, creamy, reddish brown, firm to crumpled to moderately hard, blocky to subblocky, smooth to gritty, partly earthy & chalky, ratty, predominately cryptocrystalline debris, mudstone, partly packstone, slightly argillaceous, abundant limestone inclusion, locally grading to dolomitic limestone, calcarenite, fossiliferous, abundant of calcite and anhydrite inclusions, traces of bituminous partings with some black minerals, traces of shale grain, tight intracrystalline porosity, no shows.

40% **Anhydrite**

white, off white, hyaline, tan, irregularly shaped, sharp, angular, abundant of calcite inclusion, traces of fine crystalline limestone with abundant of brownish gray to tan dolomite inclusion, traces of greenish brown shale fragments, traces of carbonaceous material.

Well Information

Operator: Paramount Resources Ltd.

Well Name: Para Et Al Cameron L-73

Location: 300/L-73-60-10-117-15

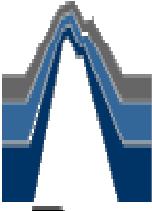
UWI: 300-L-73-6010-117150

Pool: Sulphur Point & Slave Point.

Field: Cameron Hills.

Province / State: Northwest Territory

Country: Canada



Paramount
resources ltd.

Elevations

Reference:	MSL	Ground:	770.8 m
Cut(-) / Fill(+):	-0 m	Kelly Bushing:	774.8 m
K.B. to Ground:	4 m	Casing Flange:	4 m

Total Depth

Measurement Type	Measured Depth	True Vertical Depth
Drillers TD (Tally)	1450 m	1450 m
Drillers TD (Strap or SLM)	1450 m	1450 m
Loggers TD	1448.6 m	1448.6 m

Surface Co - Ordinates

Well Type:	Straight	Longitude:	117°29'54.3"	Latitude:	60°2'38.3"
N / S Co - Ordinates:		n/a.			
E / W Co - Ordinates:		n/a.			

Bottom Hole Co - Ordinates

N / S Co - Ordinates:		Longitude:	117°29'54.3"	Latitude:	60°2'38.3"
E / W Co - Ordinates:		n/a.			

Drilling Fluid Summary

Fluid Type	From	To
Gel Chem	0 m	436 m
Floc Water	436 m	856 m
Gel Chem	856 m	1450 m

Casing Summary

Type	Hole Size	Casing Size	Landed At
Surface	311 mm	219.1 mm	436 m
Production	200 mm	139.7 mm	1450 m

Well Summary

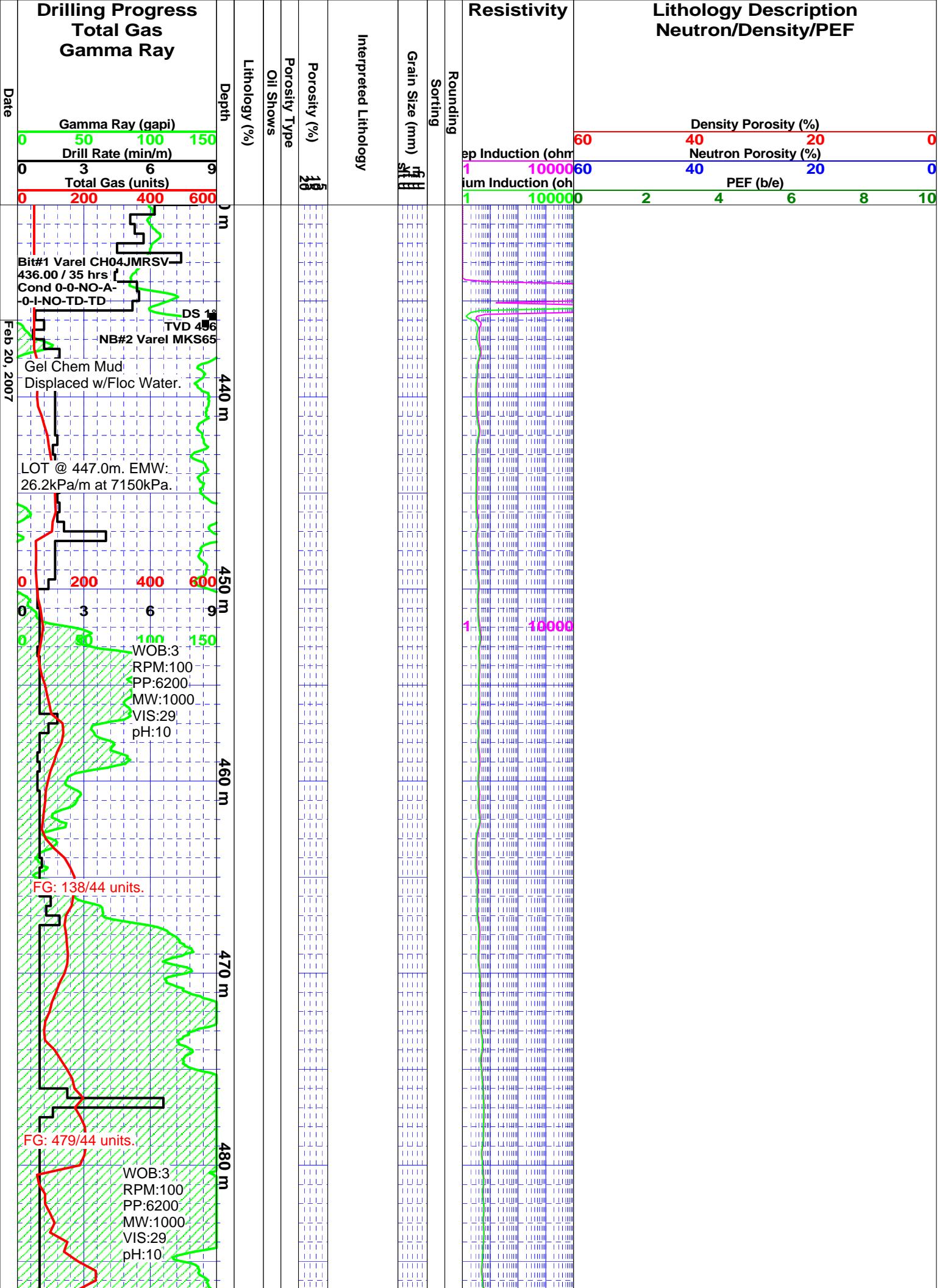
Spud Date:	Feb 18, 2007 @ 10:00hrs	Contractor:	Precision Rig# 129.
TD Date:	Feb 27, 2007 @ 06:00hrs	Rig Release Date:	

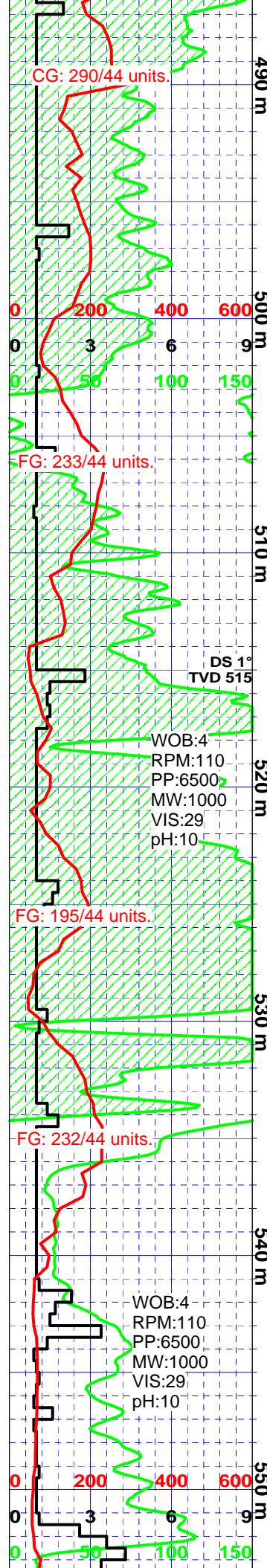
Work Schedule

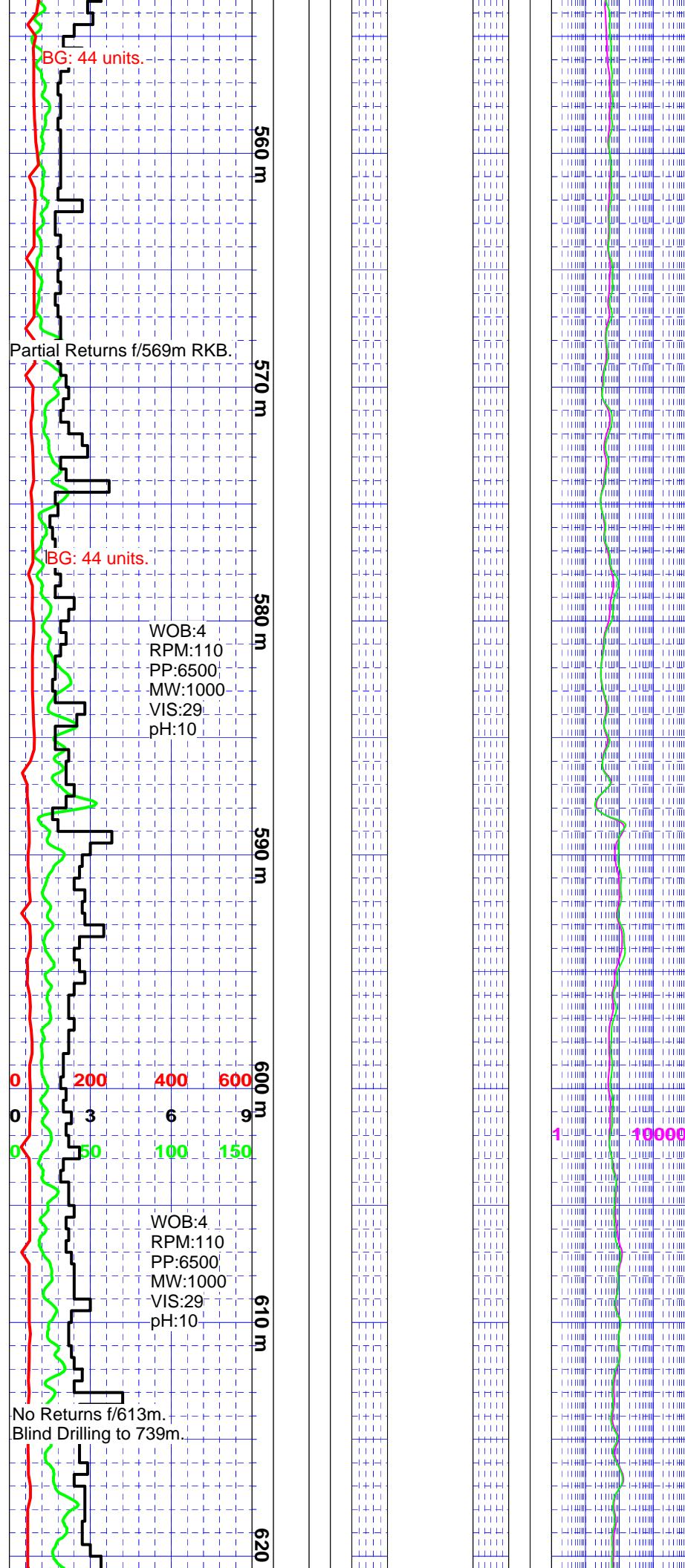
Contractor	Geologist	Log Interval	Dates Logged
Khan Petroleum Ltd.	Azim Ahmed	1280 m - 1450 m	Feb 18, 2007 - Mar 1, 2007

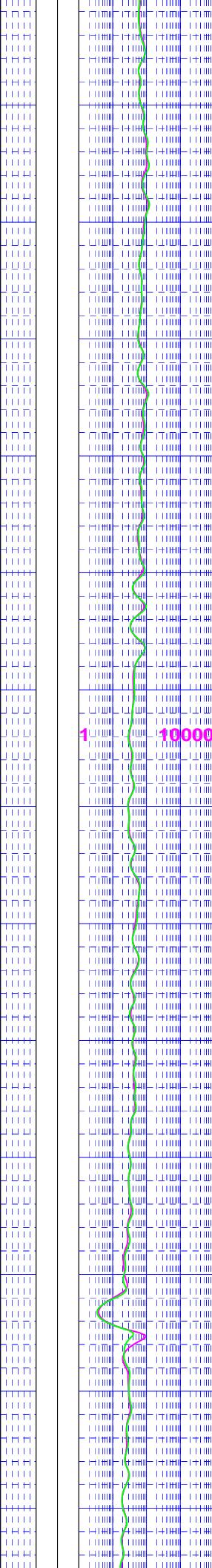
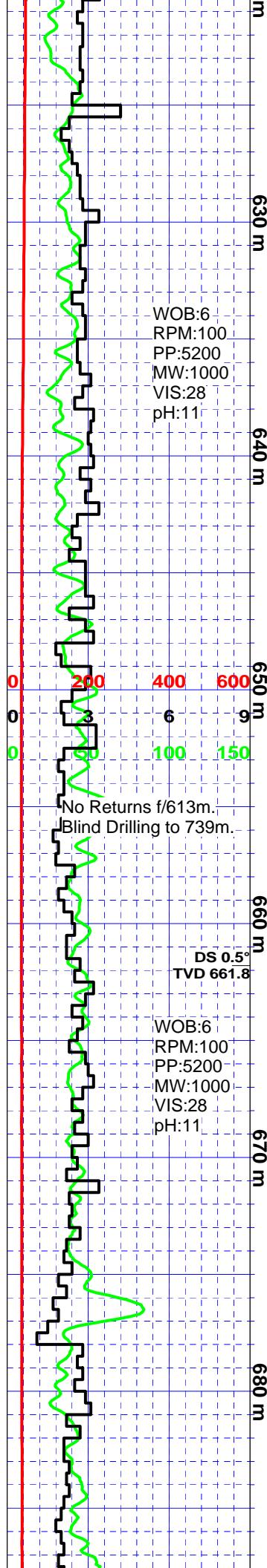
Remarks

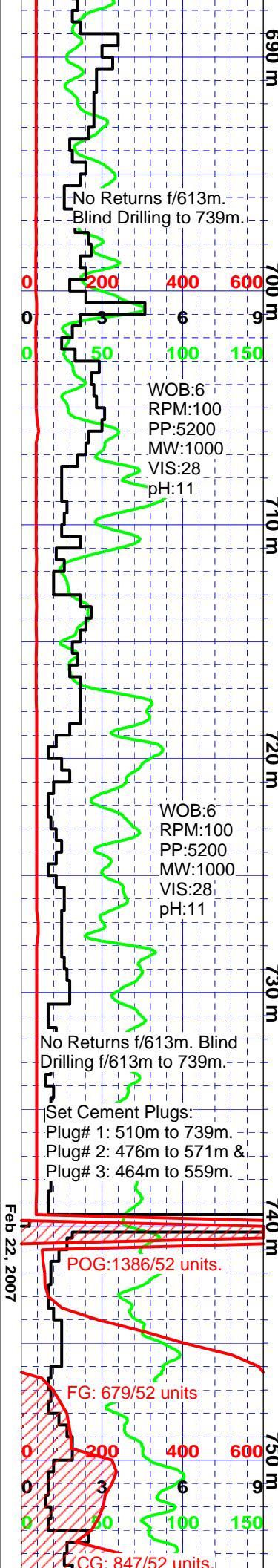
Composite Striplog Presentation - Scales 1:240

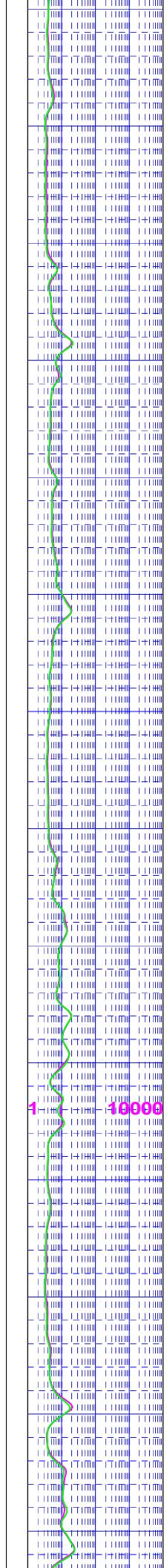
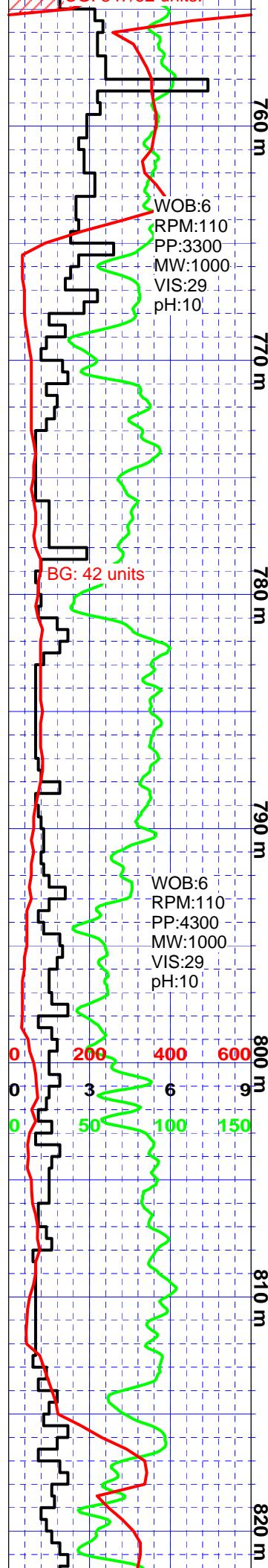




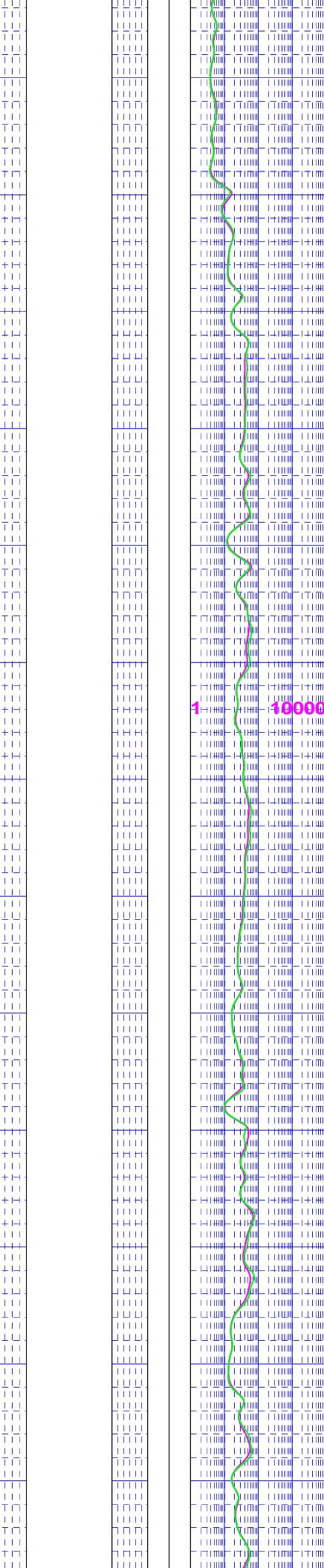
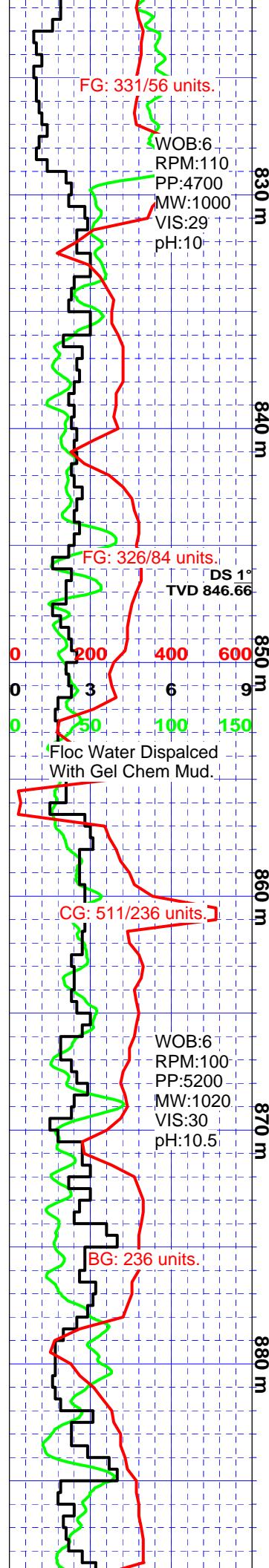


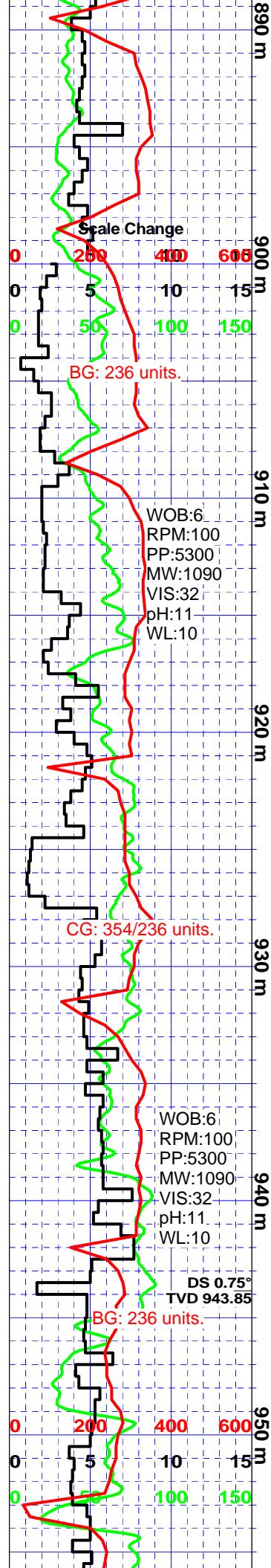


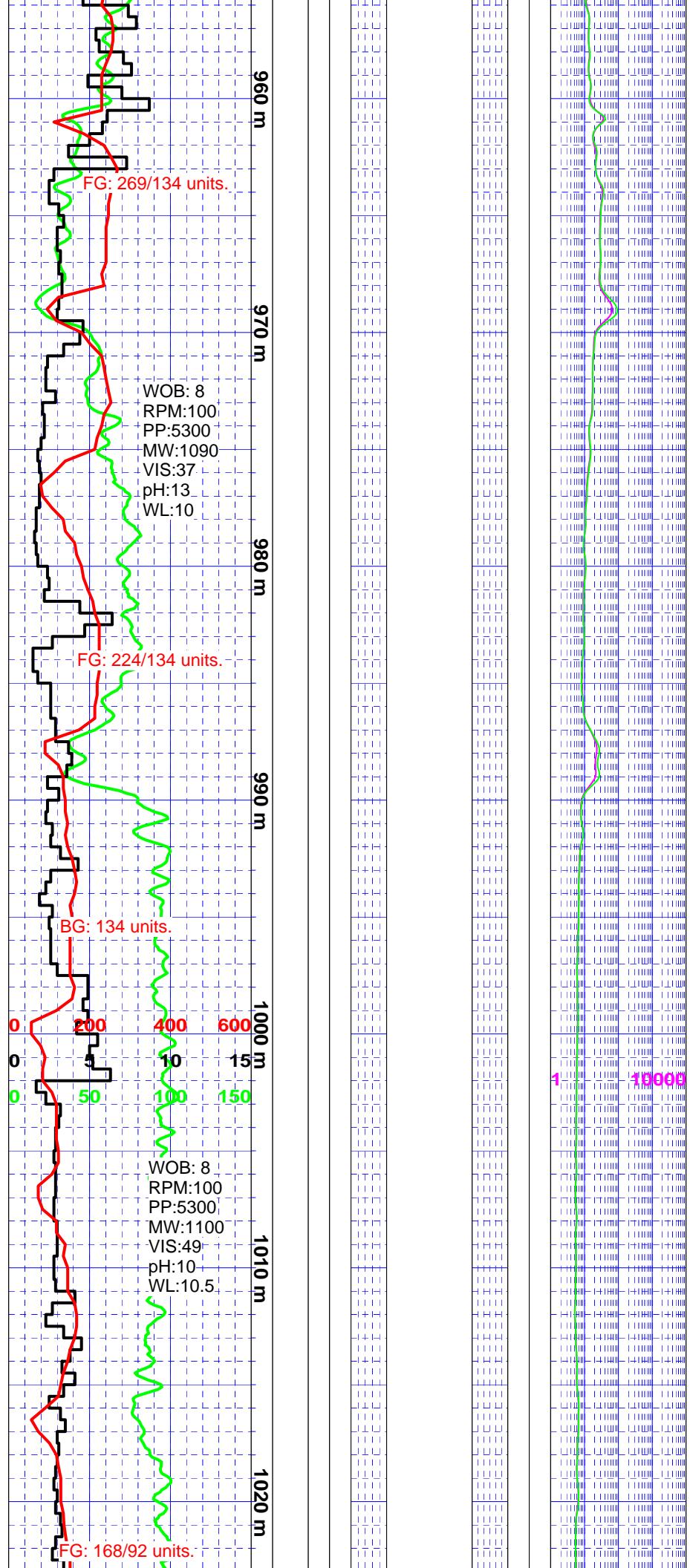


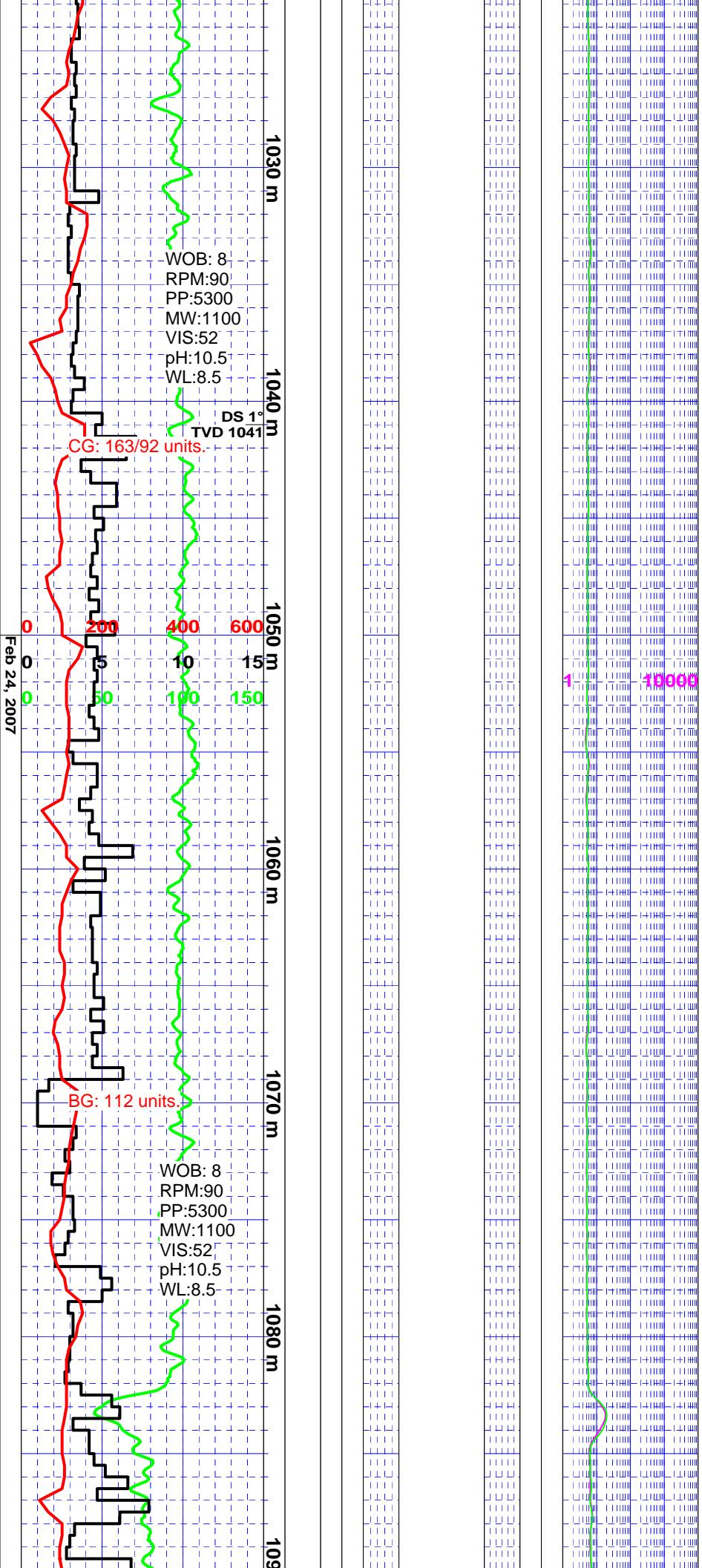


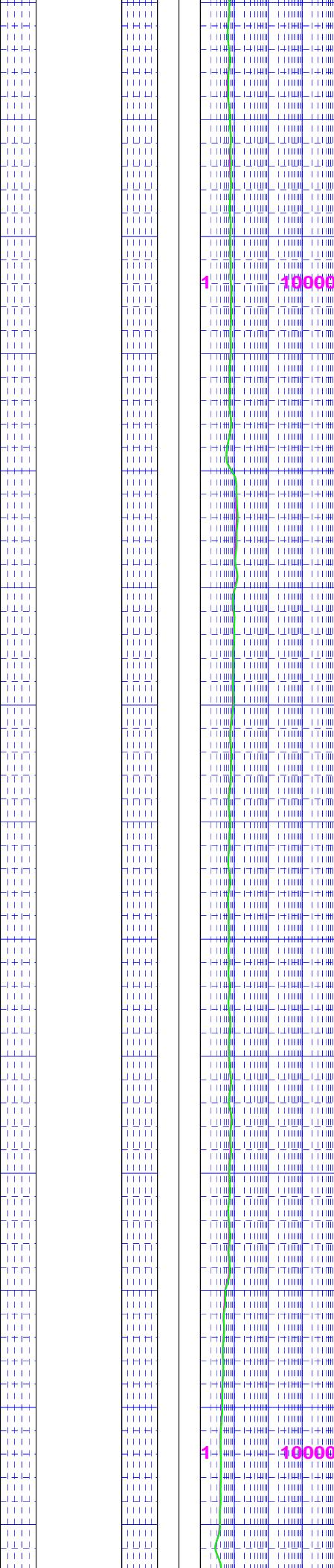
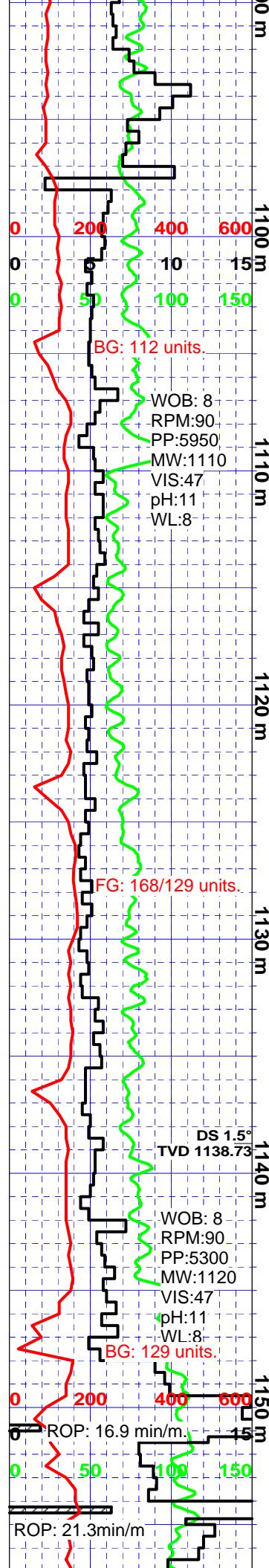
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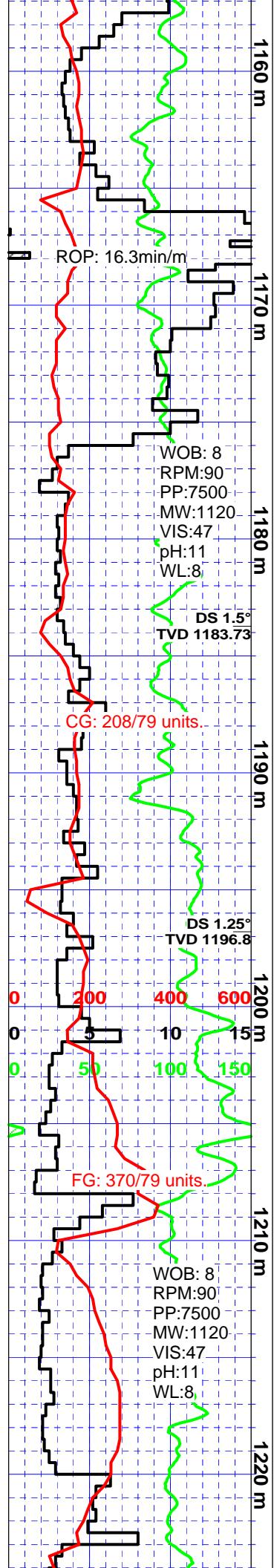


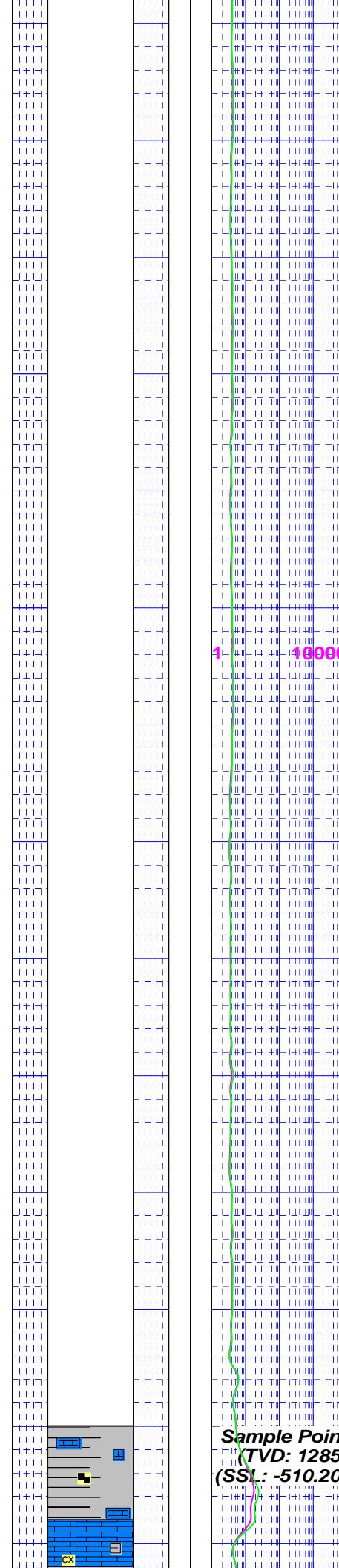
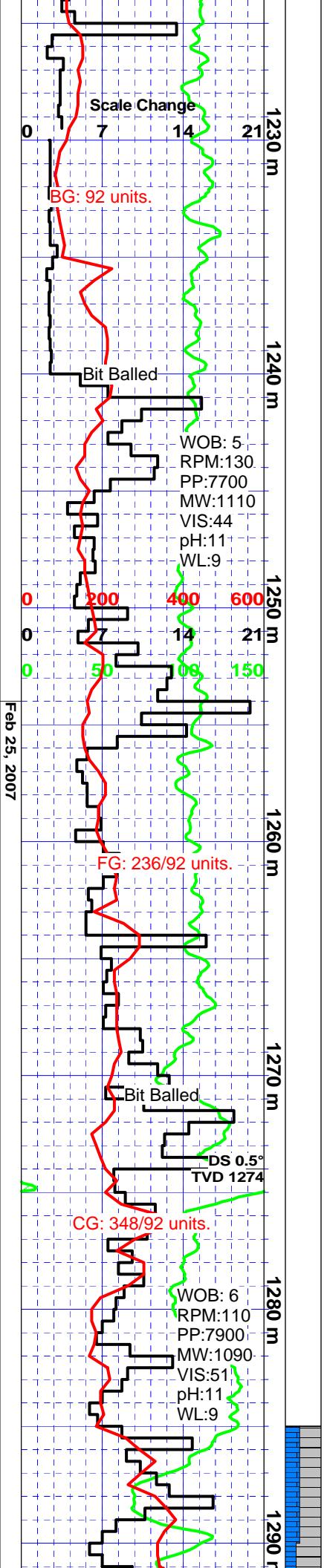




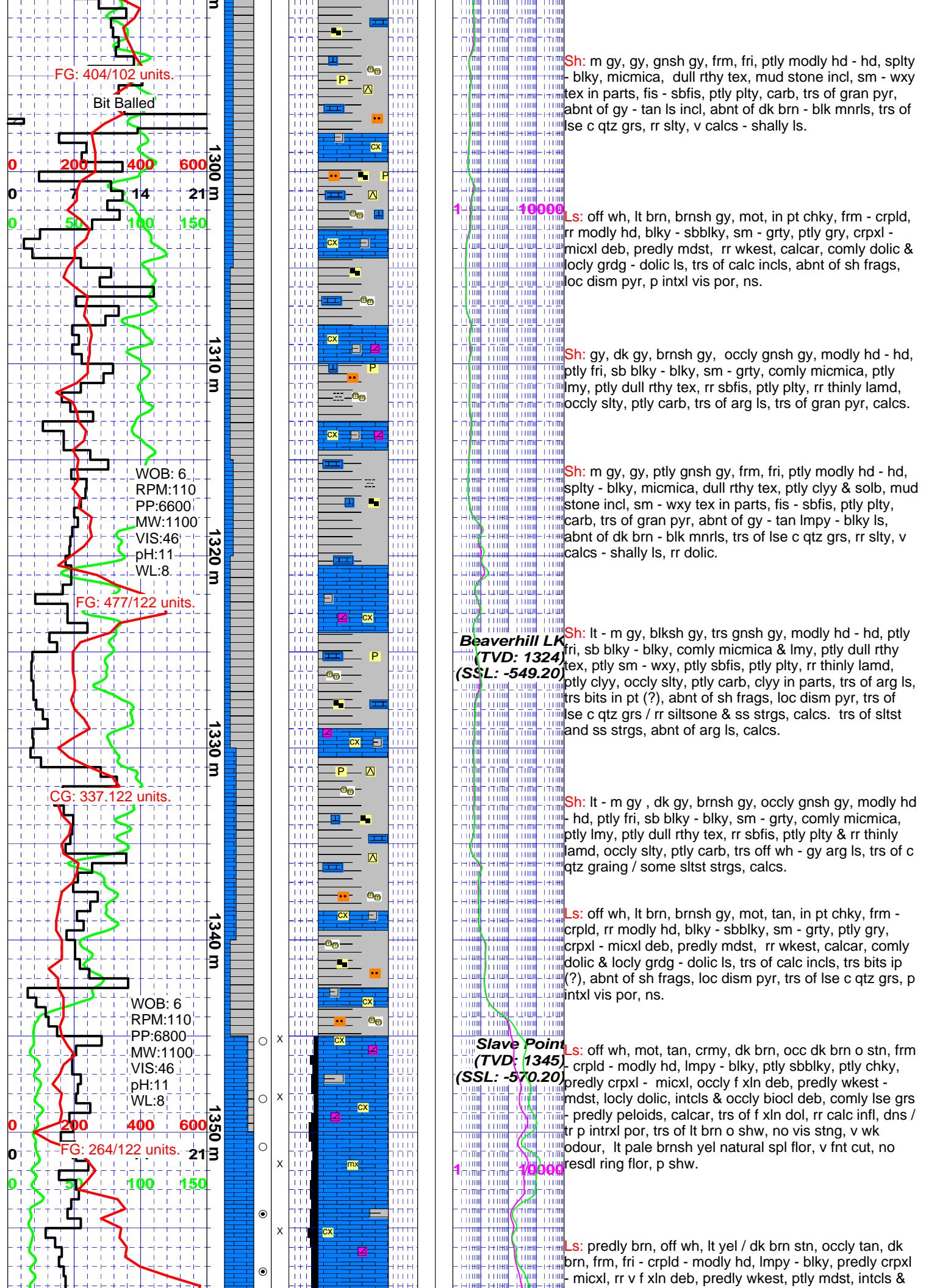


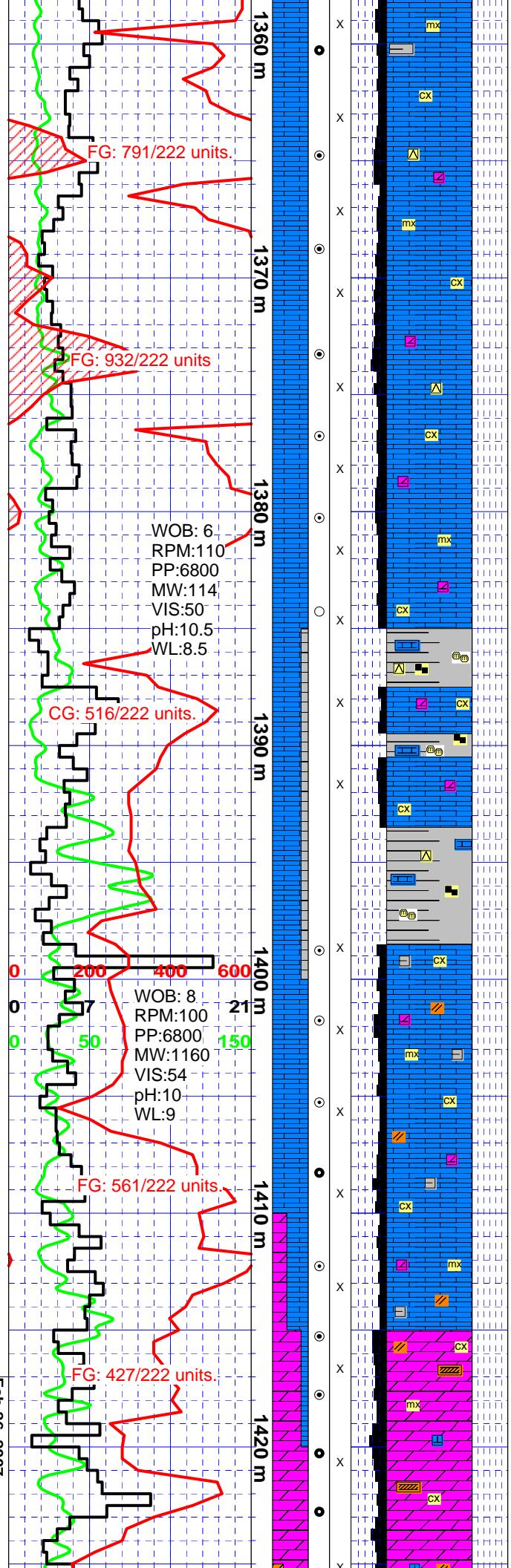






Sample Point Sh: It gy - dk gy, gnsh gy, frm, fri, ptly modly hd - hd,
(TVD: 1285) sply - blky, micmica, dull rthy tex, mud stone incl, sm
(SSL: -510.20) wxy tex in parts, fis - sbfis, ptly ptly, carb, in pt calc
grdg - arg ls, abnt of It gy, gn gy - tan mcxln ls incl,
abnt of dk brn - blk mnrls, rr slyt, v calcs - shally ls.





1360 m: FG: 791/222 units.

1370 m: FG: 932/222 units.

1380 m: WOB: 6, RPM: 110, PP: 6800, MW: 114, VIS: 50, pH: 10.5, WL: 8.5. CG: 516/222 units.

1390 m: FG: 561/222 units.

1400 m: 200, 400, 600, WOB: 8, RPM: 100, PP: 6800, MW: 1160, VIS: 54, pH: 10, WL: 9. FG: 427/222 units.

1410 m: Sulphur Pt Ls: brn, tan, off wh, gnsh brn, It yel / dk brn stn, dk brn, frm, fri - crpld - modly hd, lmpy - blky, predly micxl - v f xln deb, ptly crpxl, predly wkest, ptly mdst, intcls & occly biocl deb, calcar, ptly arg, trs of f xln dol, loc bits ptgs, rr slst strg & gnsh brn sh frags incl, trs of lse c qtz grs, g vis intrxl por, wk odour, no vis stng, ptch golden wh natural spl flor, slow fnt cut, pale yelsh brn resdl ring flor, g shw.

1420 m: Sulphur Pt Sh: m gy - brnsh gy, gnsh gy, frm, fri, modly hd - hd, (TVD: 1385) sb blky - blky, comly micmica, rr dull rthy tex, ptly clyy, (SSL: -610.20) stf & sticky, rr sbfis, ptly pty, occly sly, ptly carb, abnt xln ls, trs of f xln dol, trs of bits (?) frags, trs of c qtz gr, trs of anhy incl, nn - sly calcs.

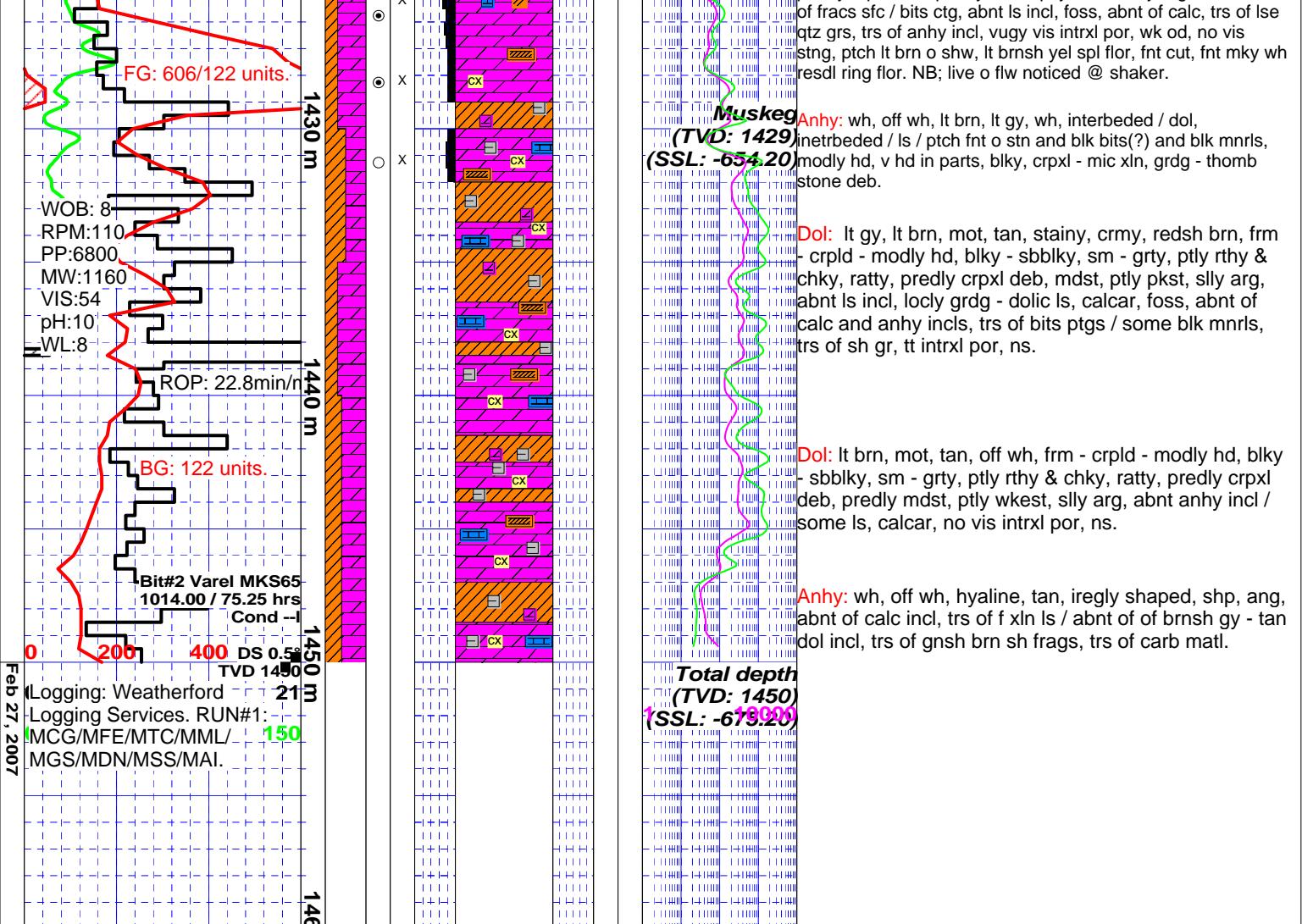
1430 m: Wall Mountain Sh: gy, gnsh gy, gn, modly hd - hd, ptly fri, sb blky - blky, sm - gry, comly micmica, rr dull rthy tex, rr sbfis, occly thinly lamd, occly sly, ptly carb, abnt xln ls, trs of f xln dol, abnt of bits (?) frags / dk brn - blk mnrls, trs of c qtz gr / gran pyr, trs of anhy incl, calcs.

1440 m: Sulphur Pt Ls: brn, It yel / dk brn stn, occly tan, dk brn, frm, fri - crpld - modly hd, blky - sbblky, sm - gry, predly micxl - v f xln deb, (TVD: 1398.5) ptly crpxl, predly wkest, ptly mdst, ptly arg, trs of f xln dol, trs of gnsh brn sh frags, abnt of anhy incl, lse c qtz grs, fr vis intrxl por, trs of lt brn o shw, wk od, lt brnsh yel spl flor, fnt cut, no resdl ring flor, p shw.

1450 m: Sulphur Pt Ls: off wh, mot, It yel / dk brn stn, lt - dk brn, frm - crpld modly hd, blky - sbblky, sm - gry, predly crpxl, ptly micxl, wkest - pkst, occly grdg - v f xln grst, locly grdg - dolic ls, intcls & occly biocl deb, comly lse grs - predly peloids, calcar, abnt of gy - gnsh gy sh frags, vugy - fr vis intrxl por, v fnt odour, no vis stng, trs of lt brn o shw, lt brnsh yel spl flor, fnt cut, no resdl ring flor, p shw.

1460 m: Sulphur Pt Dol: off wh, lt brn, mot, tan, stainy, crmy, redsh brn, (TVD: 1415) frm - crpld - modly hd, blky - sbblky, sm - gry, ptly rthy (SSL: -640.20) chky, ratty, predly crpxl deb, mdst, ptly pkst, sly arg, abnt ls incl, locly grdg - dolic ls, calcar, foss, abnt of calc and anhy incl, trs of bits ptgs, trs of sh gr, vugy - fr vis intrxl por, wk odour, no vis stng, ptch lt brn o shw, lt brnsh yel spl flor, fnt cut, fnt mky wh resdl ring flor, p shw.

1470 m: Dol: mot, tan, lt gy, lt brn, blky - sbblky, sm - gry, ptly chky, predly crpxl deb, predly mdst, ptly wkest, sly arg, rr evidence



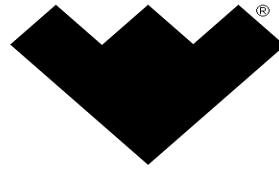


PHOTO DENSITY DUAL SPACED NEUTRON

COMPANY
WELL
FIELD
PROVINCE/COUNTY
COUNTRY/STATE
LOCATION

PARAMOUNT RESOURCES LTD
PARA ET AL CAMERON L-73
CAMERON HILLS
NORTHWEST TERRITORIES
CANADA
300/L-73-60-10-117-15

FIELD PRINT

LSD	SEC	TWP	RGE	Other Services
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API Number	MICROLOG	COMPENSATED SONIC
Permit Number	1159	XY CALIPERS

Permanent Datum GROUND LEVEL, Elevation 770.8 metres

Elevations: metres

Log Measured From 4.0 M above Permanent Datum

KB 774.80

Drilling Measured From KELLY BUSHING

DF 770.80

GL 770.80

Date	27-FEB-2007
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Run Number	1
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Depth Driller	1450.00	metres
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Depth Logger	1448.60	metres
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First Reading	1440.40	metre
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Last Reading	0.00	metre
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Casing Driller	436.00	metres
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Casing Logger	435.00	metres
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Bit Size	200.00	mm
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Hole Fluid Type	GELCHEM	
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Density / Viscosity	1180.0 kg/M3	85.00 sec/L
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PH / Fluid Loss	10.00	8.00 ml/30Min
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Sample Source	FLOWLINE	
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Rm @ Measured Temp	0.54 @ 25.0	ohm-m
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Rmf @ Measured Temp	0.41 @ 25.0	ohm-m
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Rmc @ Measured Temp	0.63 @ 25.0	ohm-m
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Source Rmf / Rmc	PRESS	FILTER
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Rm @ BHT	0.36 @ 47.0	ohm-m
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Time Since Circulation	8.5 HRS	
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Max Recorded Temp	47.00	deg C
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Equipment Name	13132	
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Equipment / Base	QUINT	GPR
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Recorded By	L. SUTHERLAND	
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Witnessed By	A. AHMED	
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CIRC STOP	05:30 FEB 27	
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Last Line

Last Edited: 28-FEB-2007 03:49

Depth To

metres

311.000	0.00
200.000	436.00

436.00	1450.00
436.00	35.70

BOREHOLE RECORD

Bit Size millimetres	Depth From metres	Shoe Depth metres	Weight pounds/ft
311.000	0.00	436.00	1450.00
200.000	436.00	436.00	35.70

CASING RECORD

Type	Size millimetres	Depth From metres	Shoe Depth metres	Weight pounds/ft
SURFACE	219.100	0.00	436.00	35.70

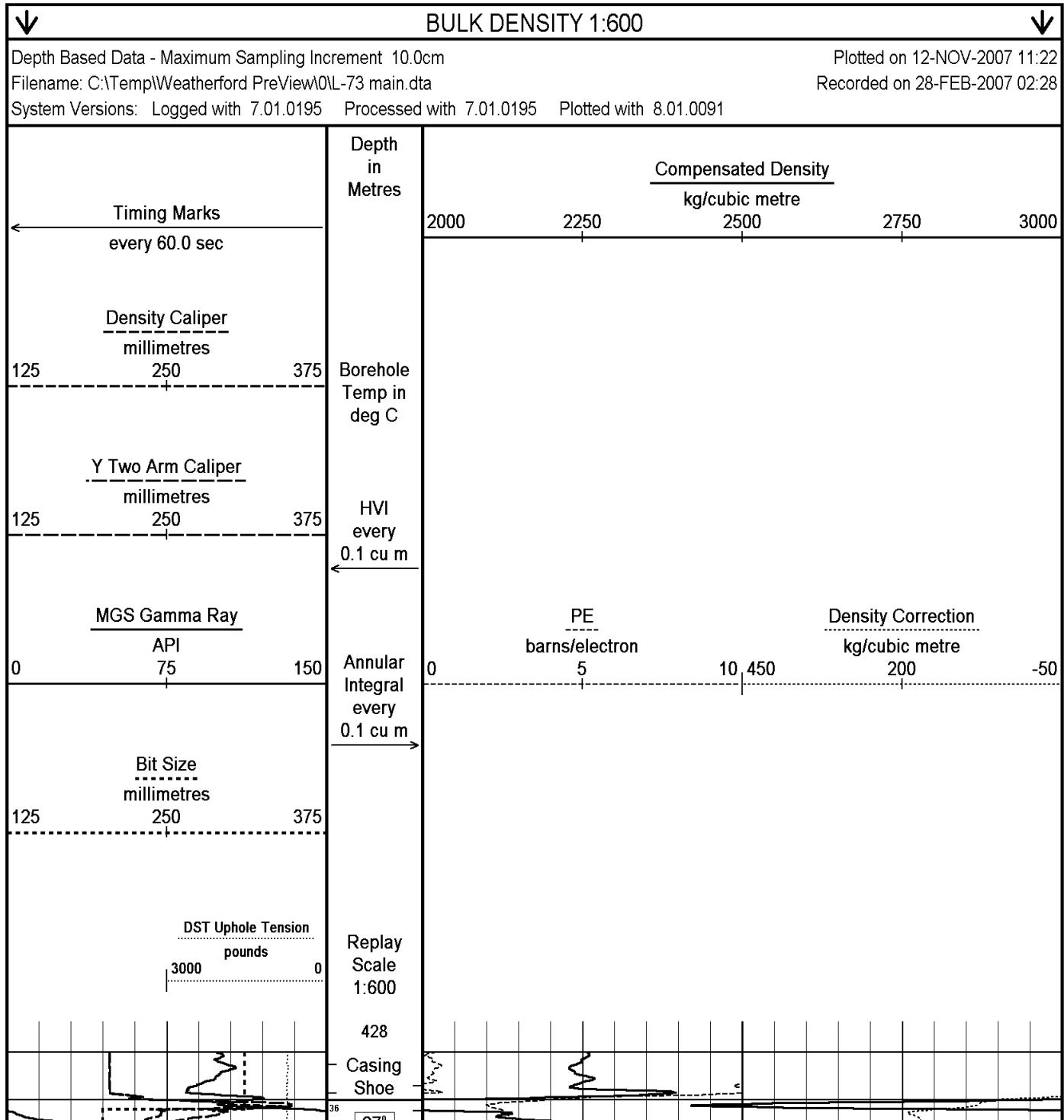
REMARKS

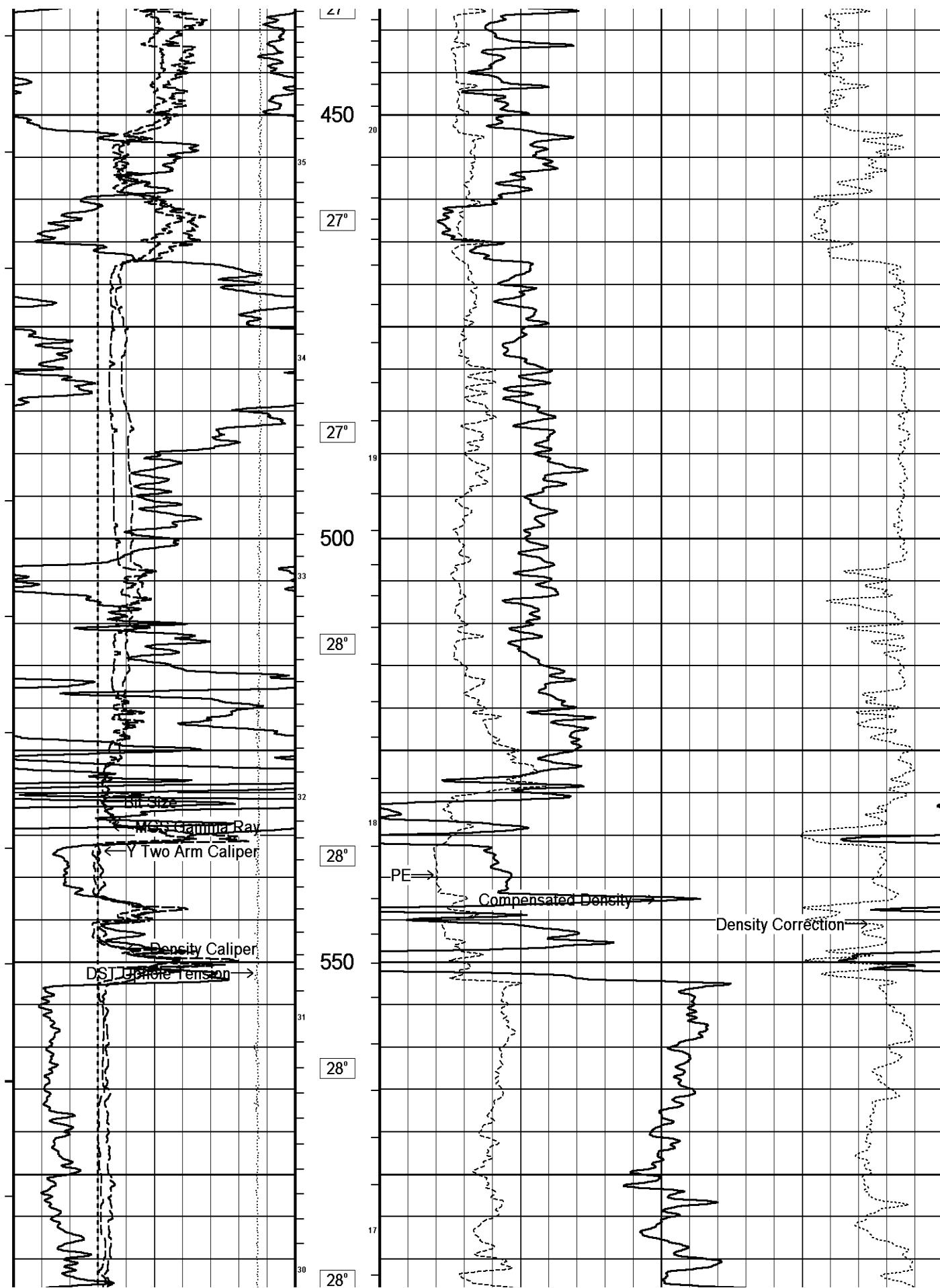
- 1) SOFTWARE ISSUE: WLS 7.01.0195
- 2) CUSTOMER SCALES AND INTERVALS LOGGED.
- 3) MALL MSS, MPD, MDN, MML, ISC, MGS, MTC, MFE, MCG RAN IN COMBINATION.
- 4) HARDWARE: MAI: TWO 25.4 MM STANDOFFS
MSS: THREE 25.4 MM STANDOFFS
MDN: DUAL NEUTRON BOWSPRING
MTC: ONE SIX-LEAF CENTRALIZER

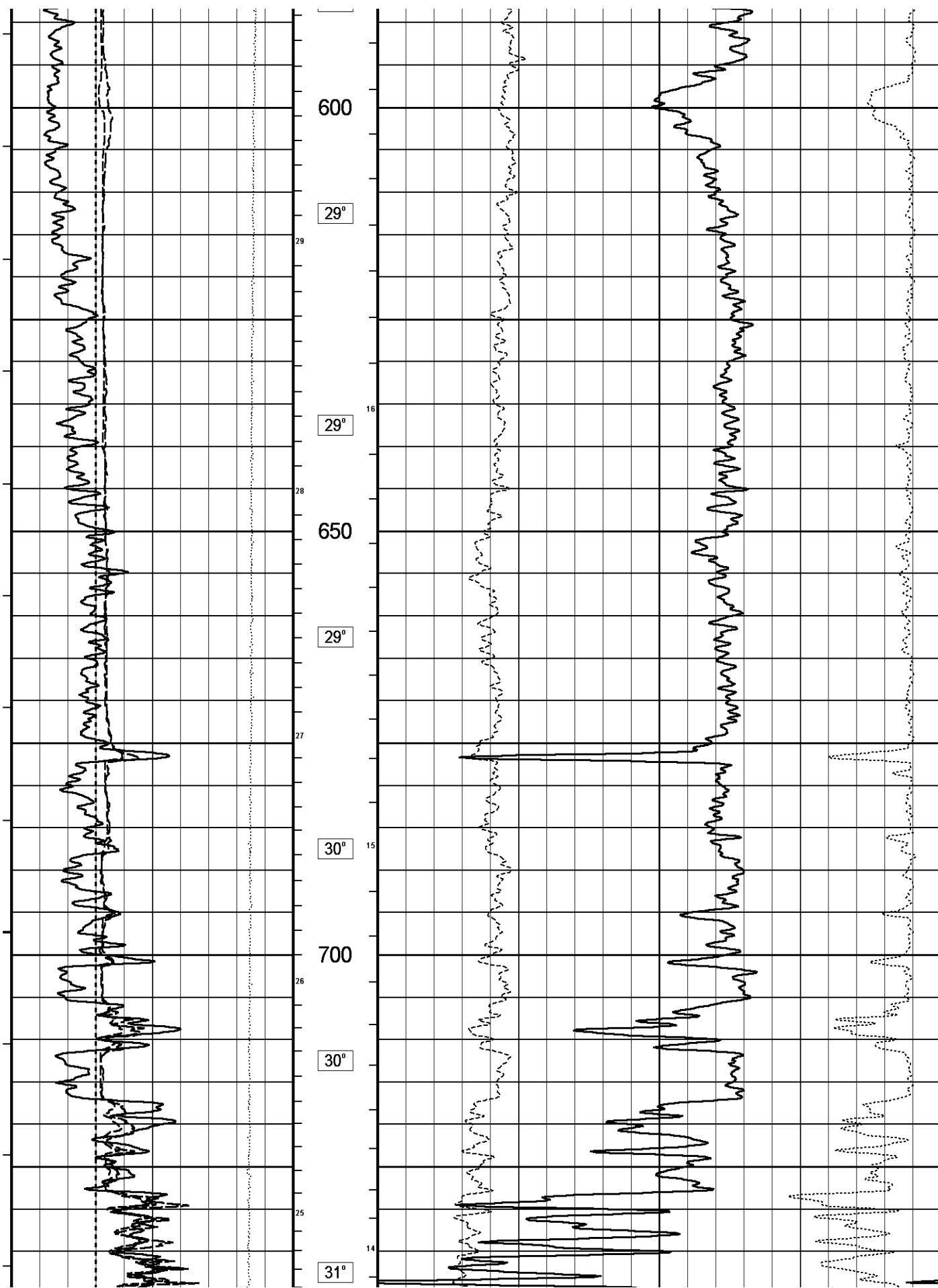
- 5) SAP# 4147855 FIELD TICKET # 30074798
- 6) # FIELD PRINTS = 3 # FINAL PRINTS = UNKNOWN

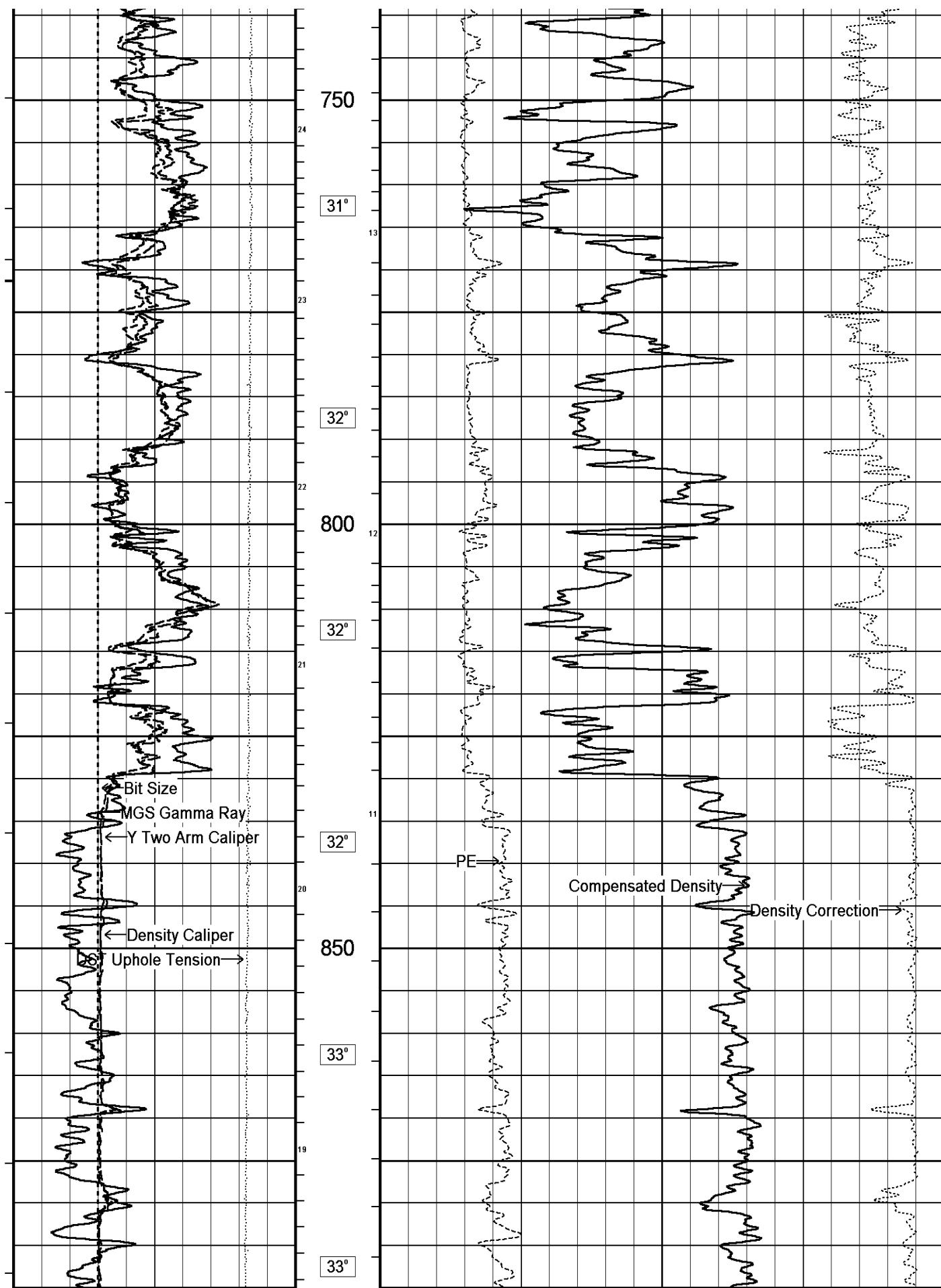
- 7) RIG: PD # 129
- 8) HOLE CEMENT VOLUMES CALCULATED USING DENSITY CALIPER AND TWO ARM CALIPER IN COMBINATION :
HOLE VOLUME = 36.05 CU.M.
ANNULAR VOLUME USING 139.7 MM PRODUCTION CASING = 20.65 CU.M
- 9) AREAS OF BOREHOLE RUGOSITY MAY CAUSE POOR DENSITY PAD CONTACT RESULTING IN HIGH DENSITY CORRECTION AND
THUS INVALID DENSITY POROSITY DATA AT THOSE INTERVALS.
- 10) SONIC FREE PIPE: 378M

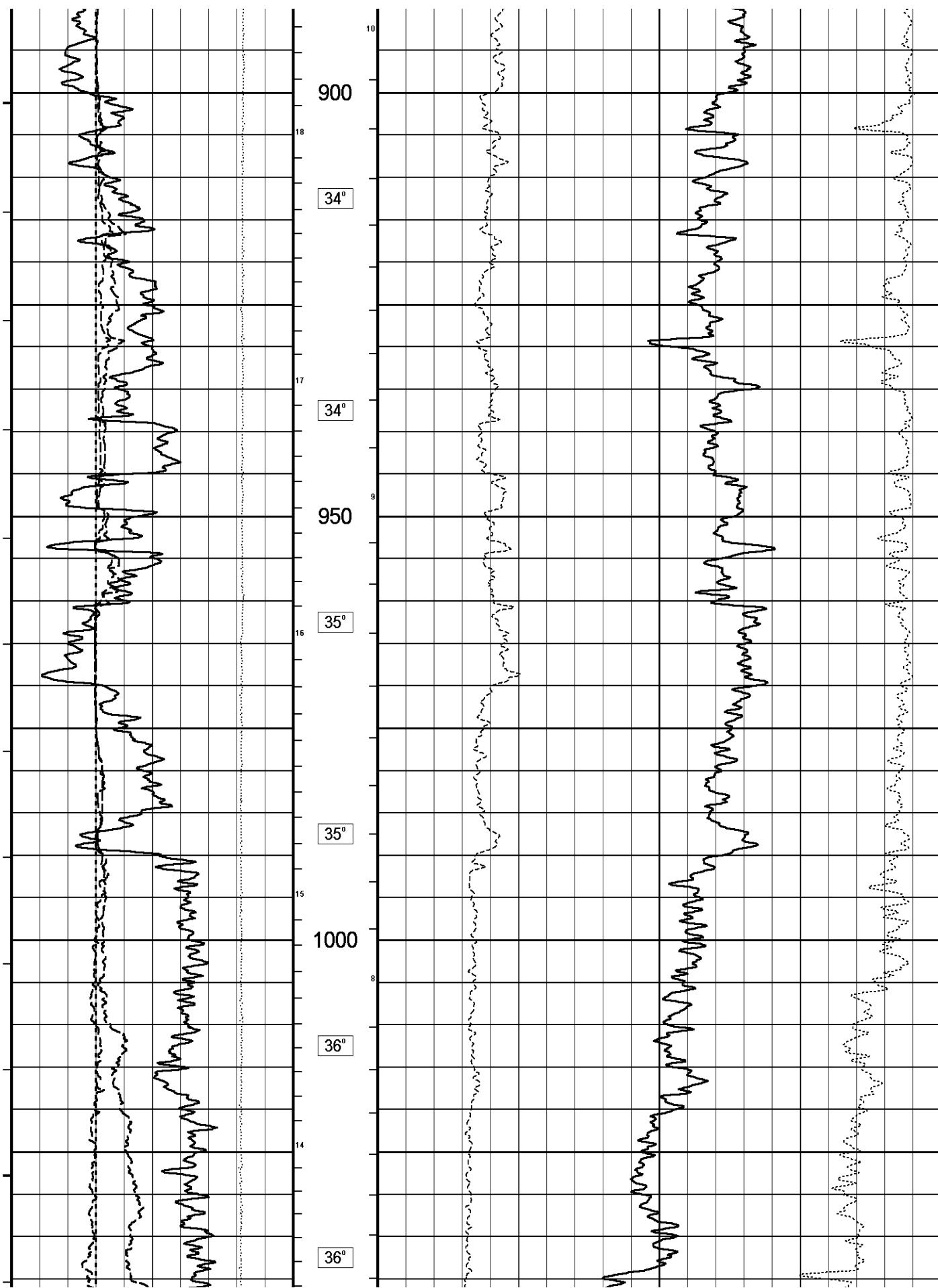
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions in our price schedule.

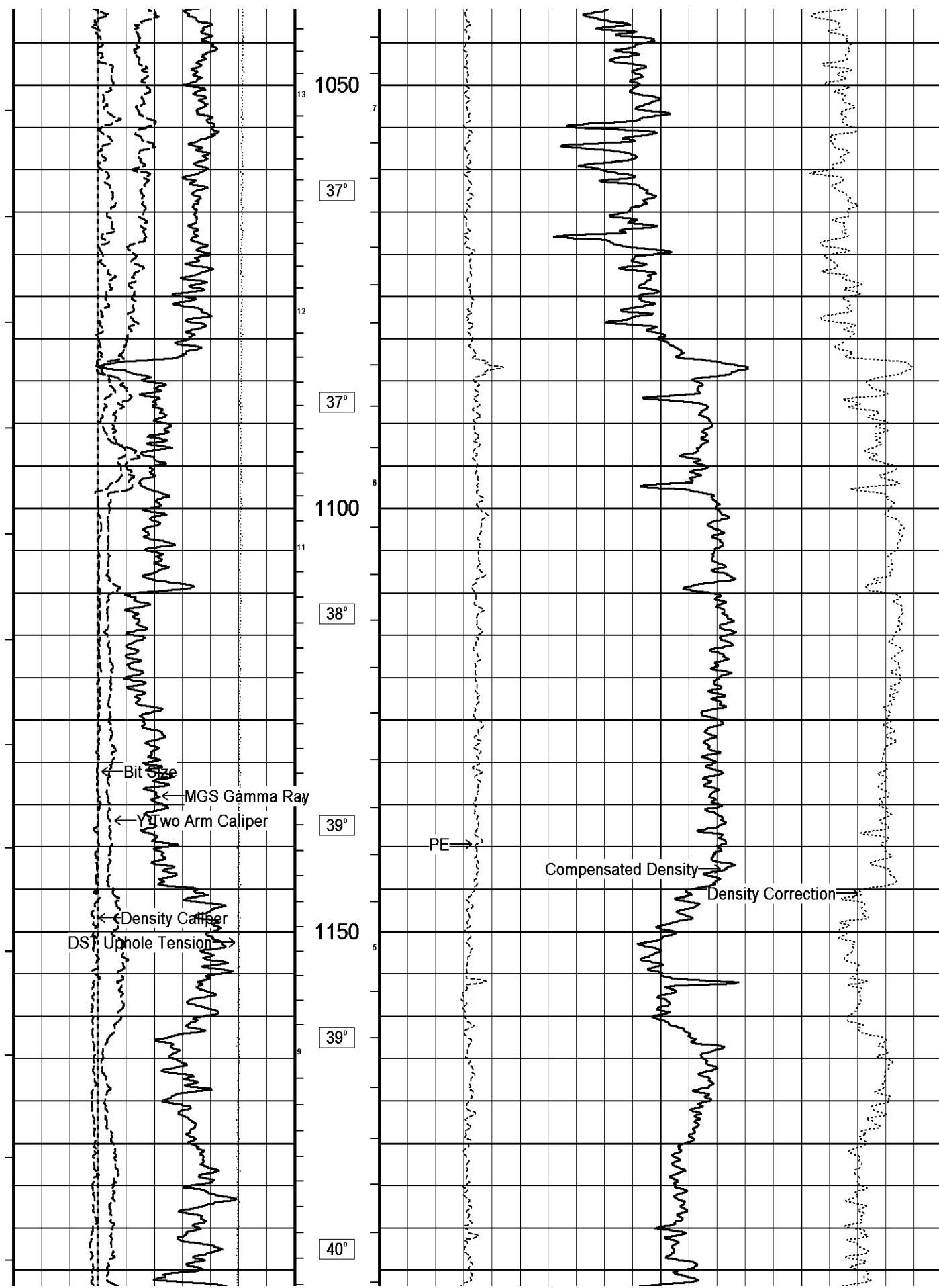


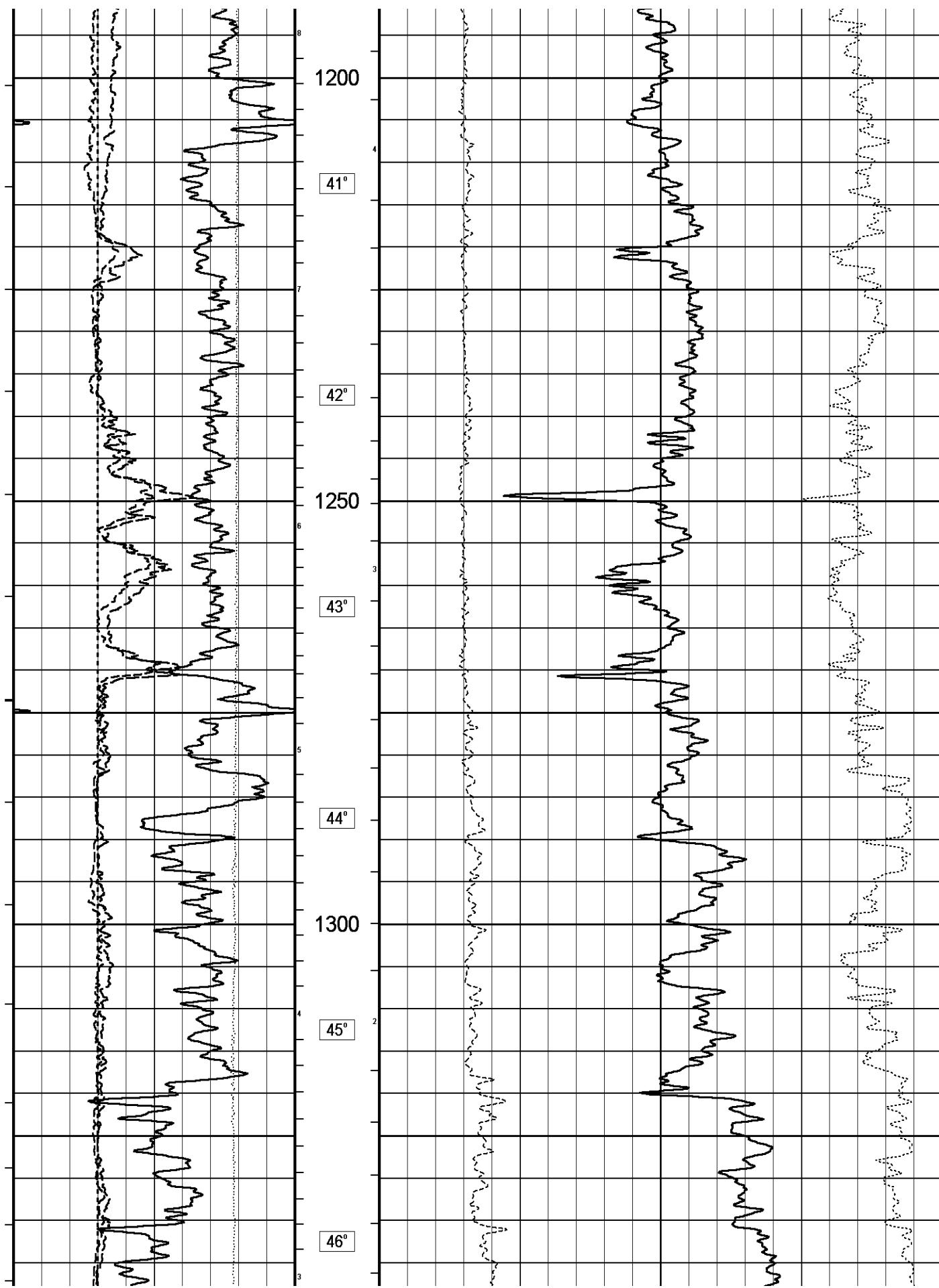


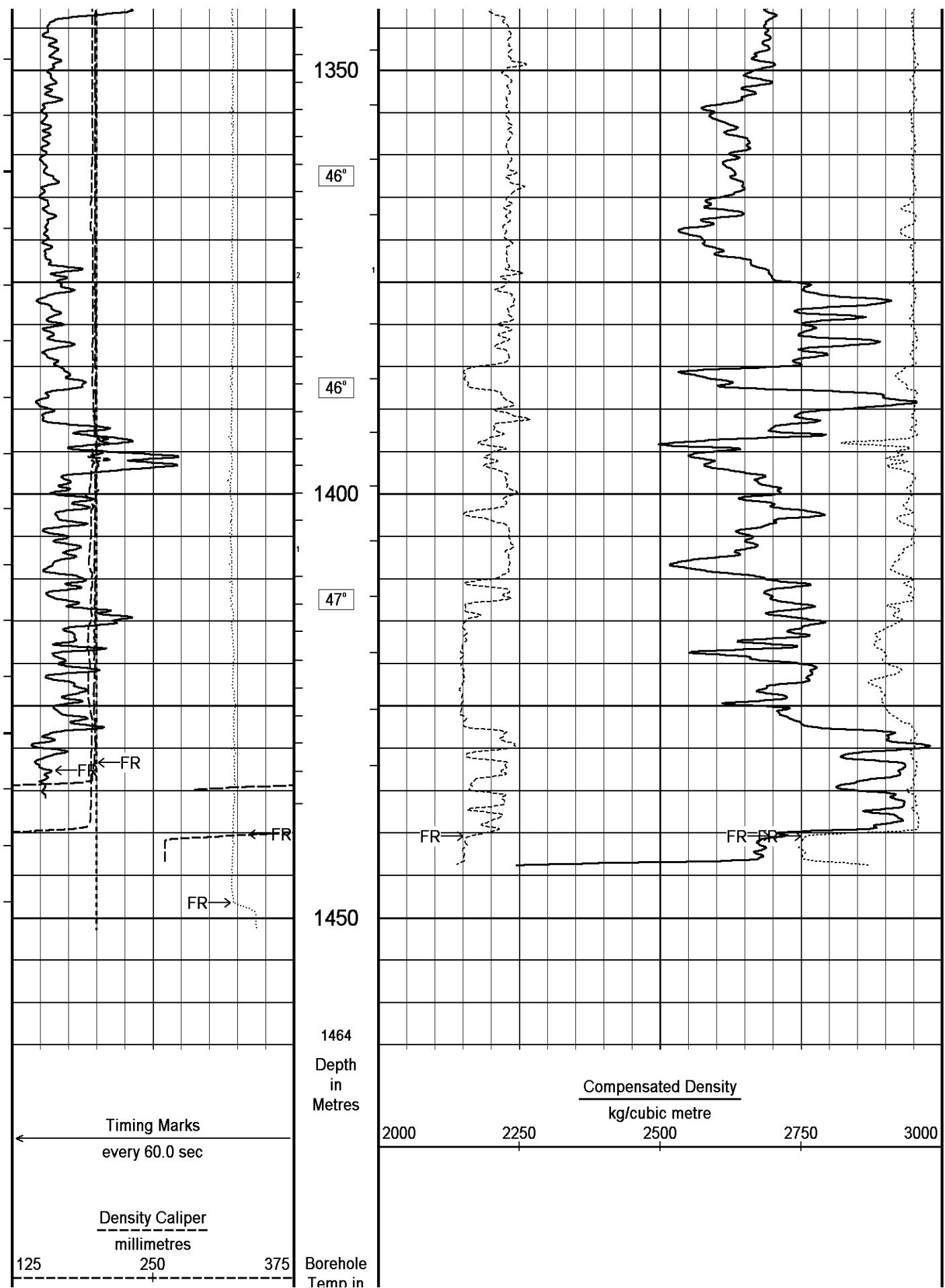


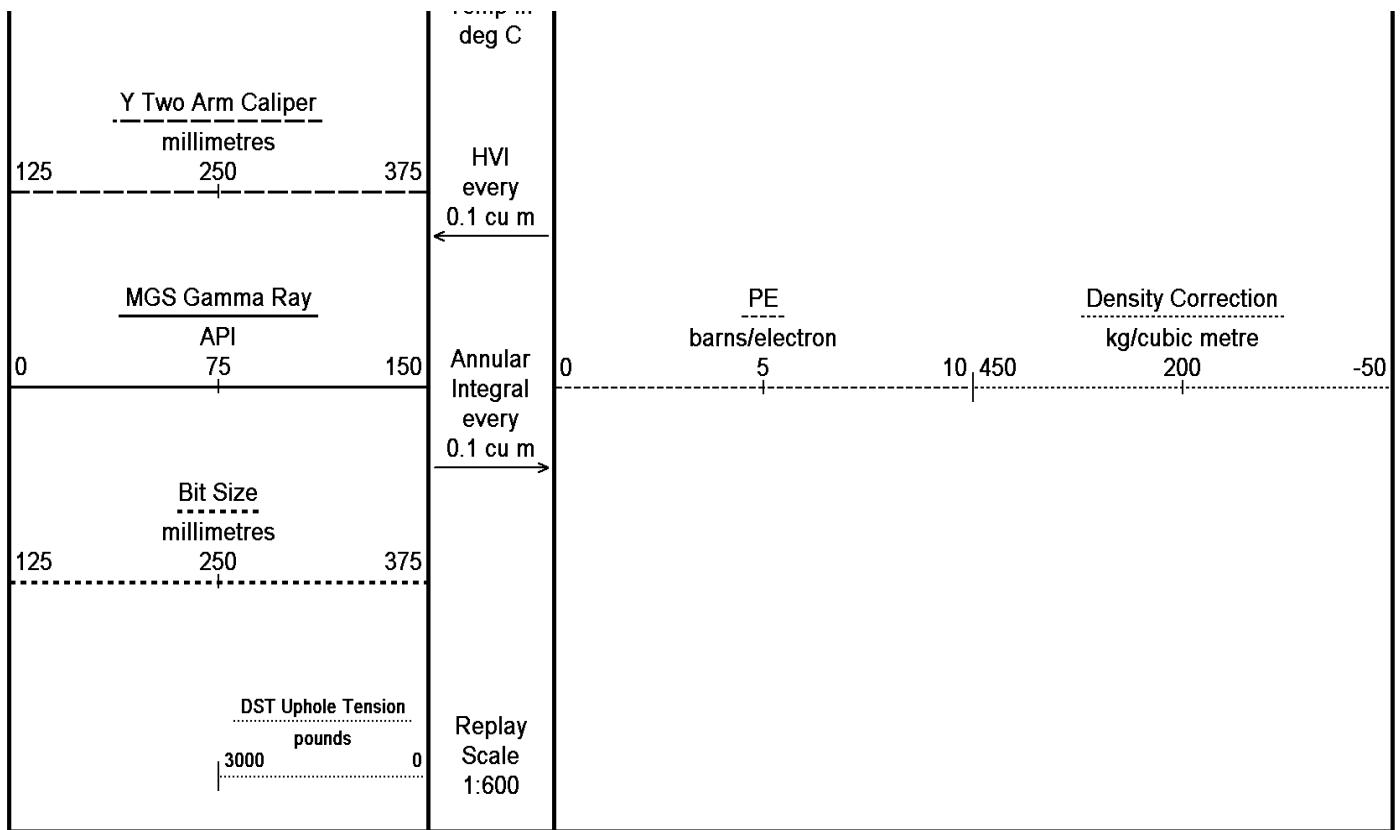












Depth Based Data - Maximum Sampling Increment 10.0cm

Plotted on 12-NOV-2007 11:22

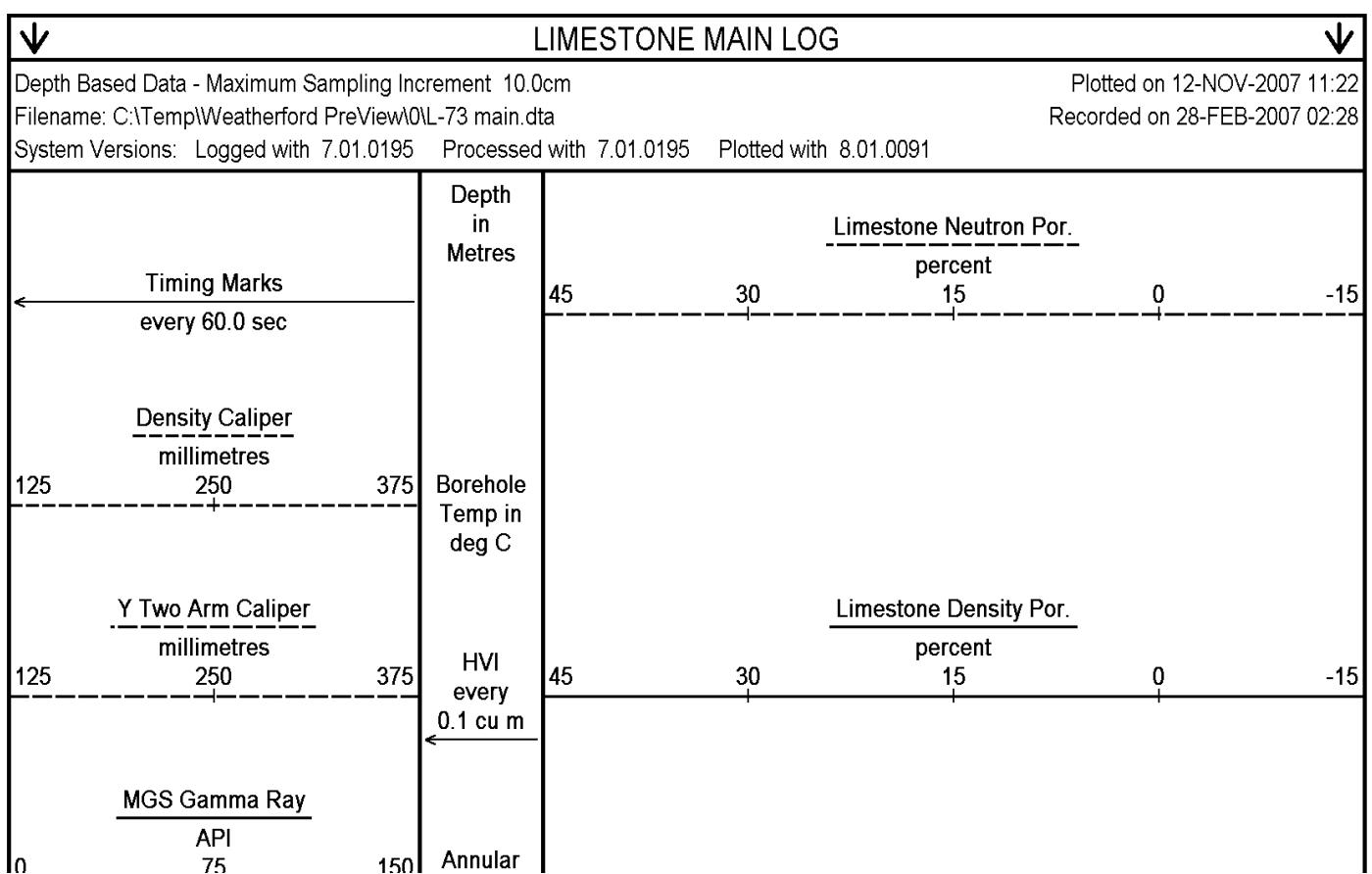
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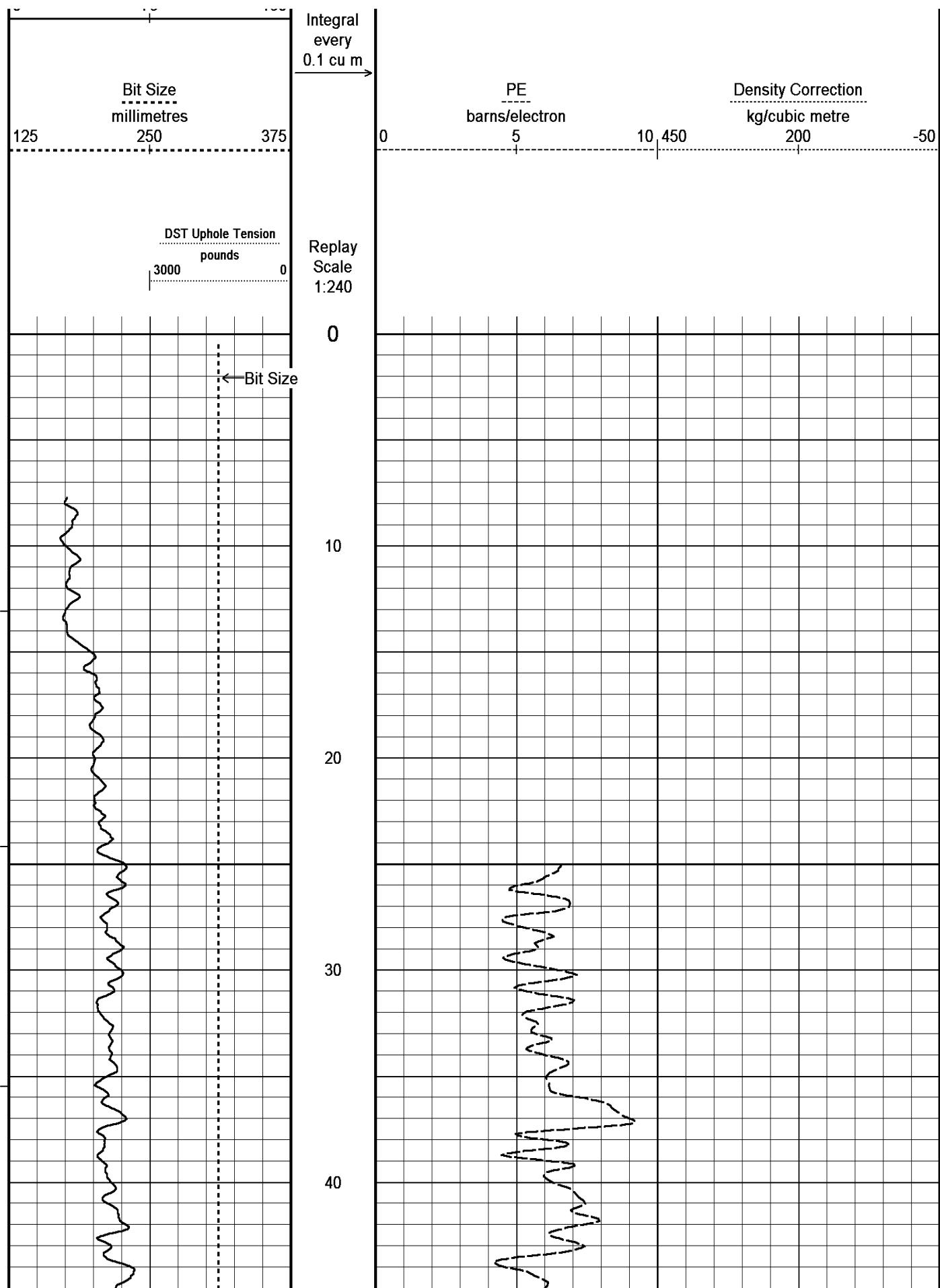
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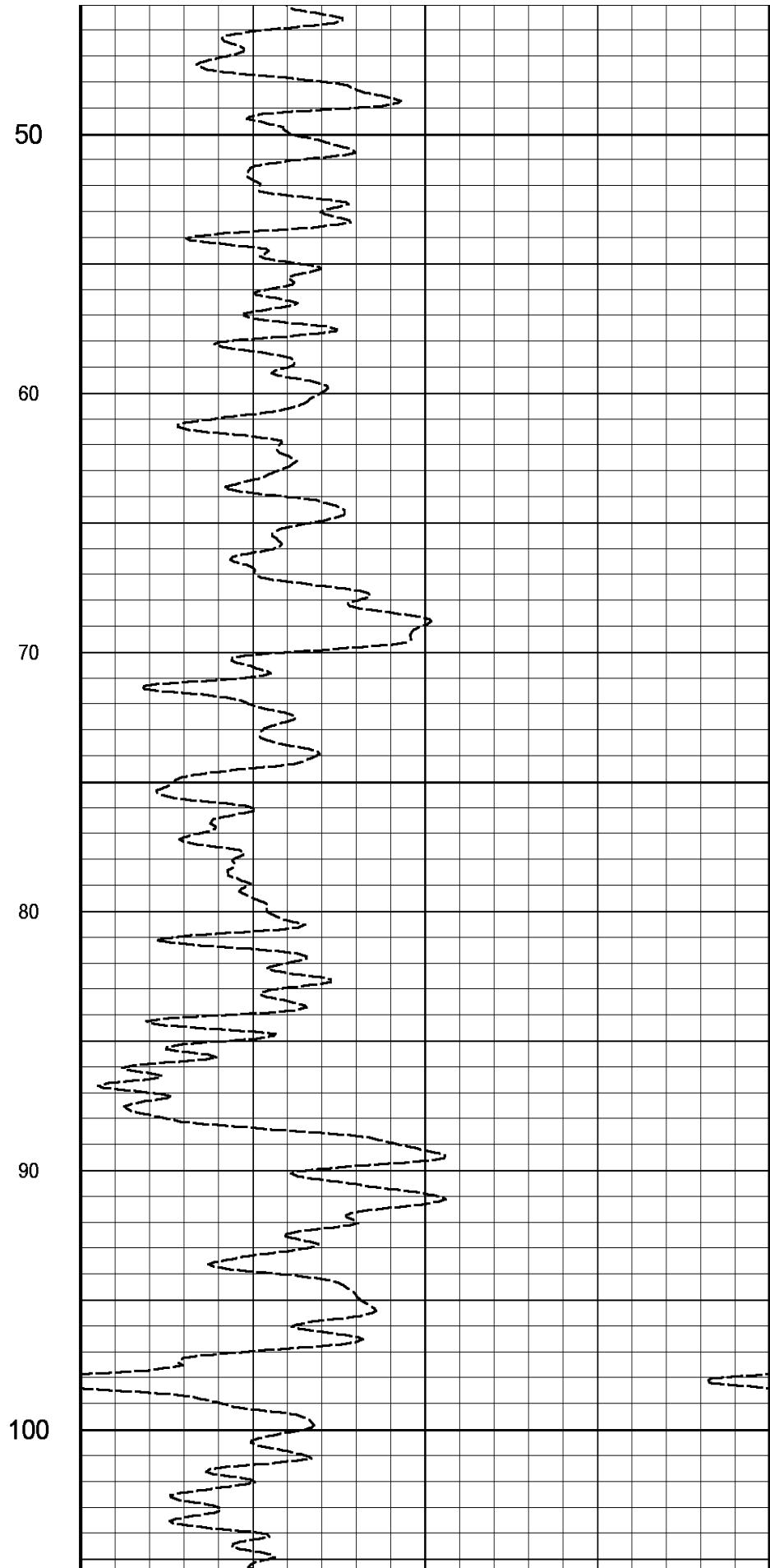
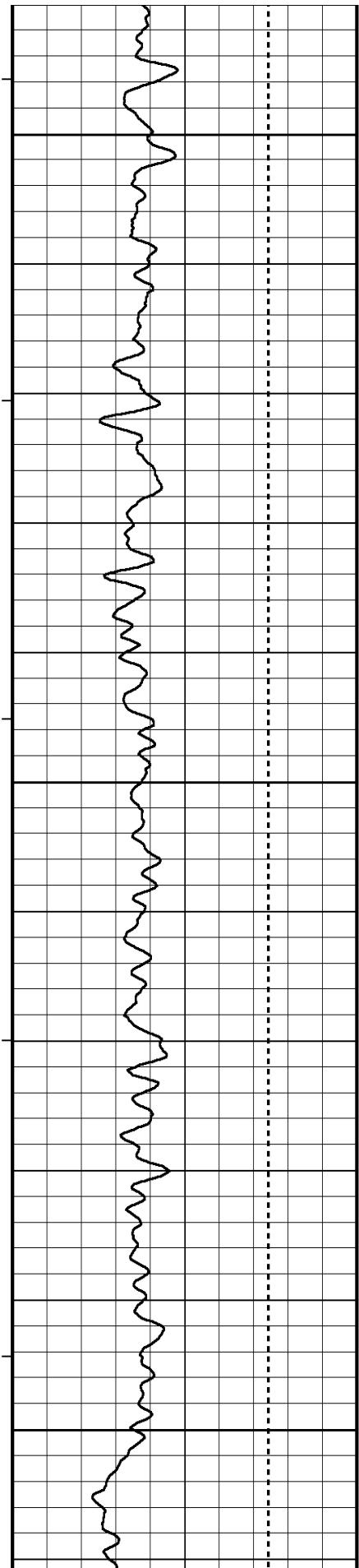
System Versions: Logged with 7.01.0195 Processed with 7.01.0195 Plotted with 8.01.0091

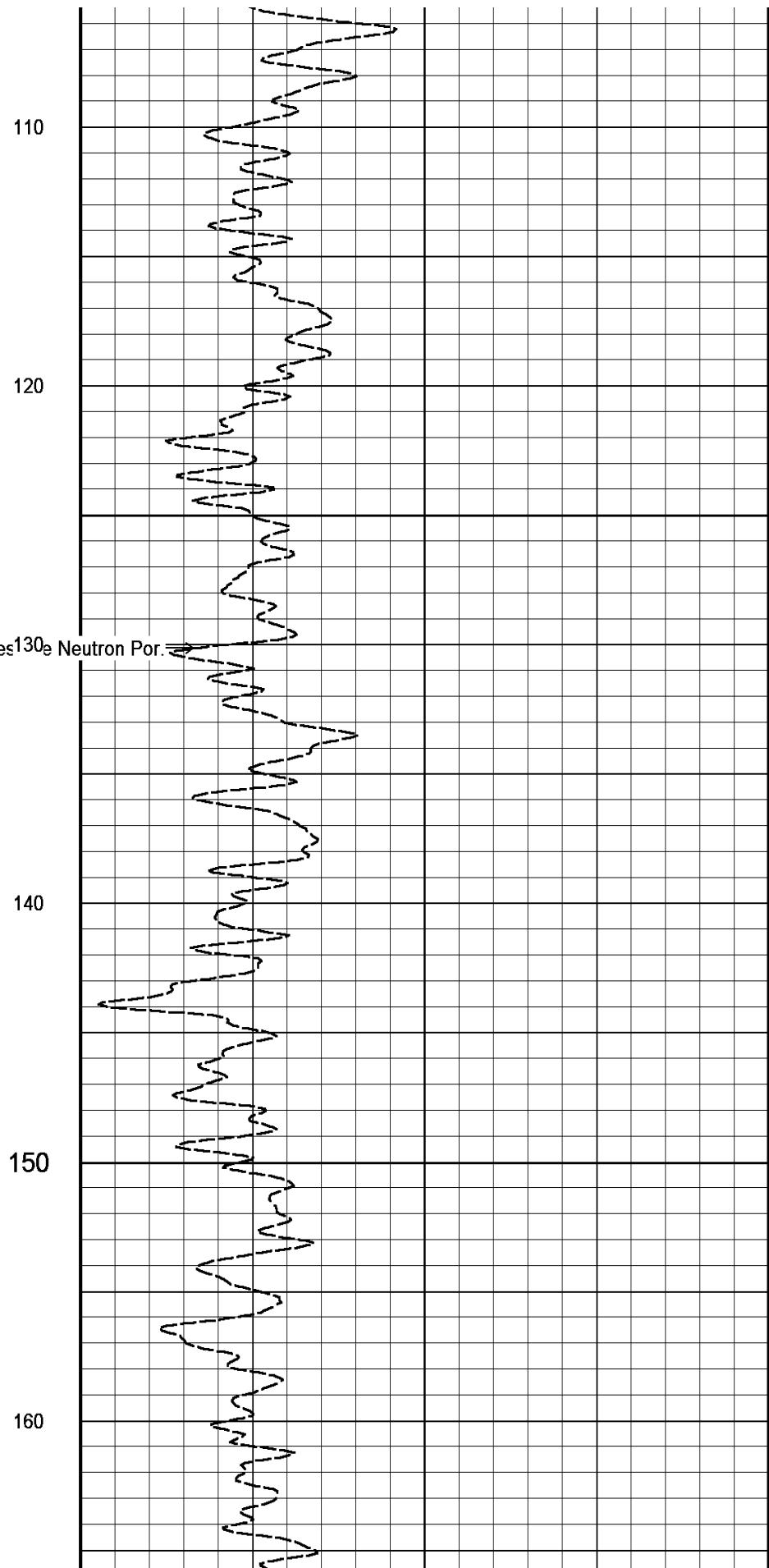
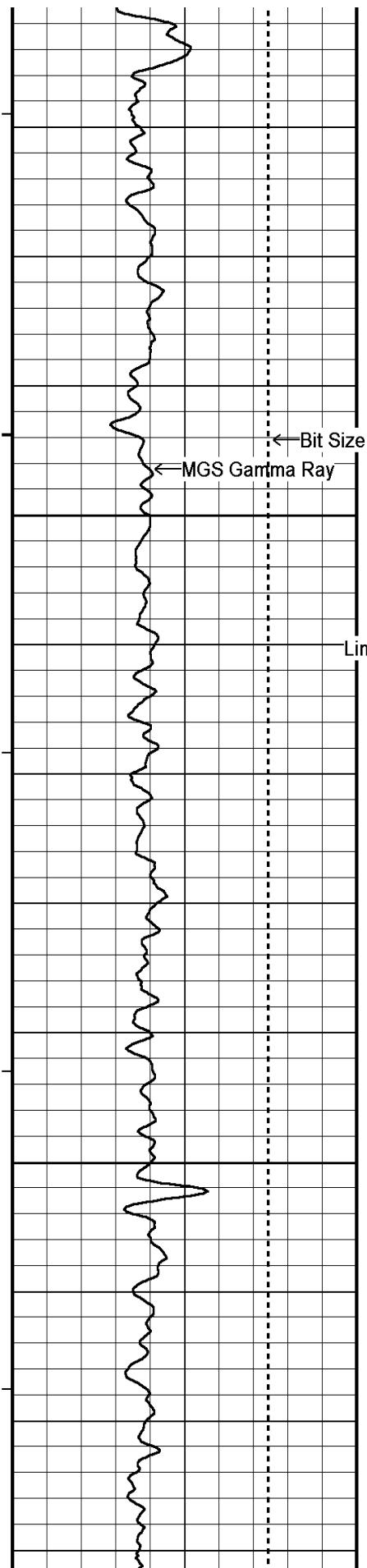


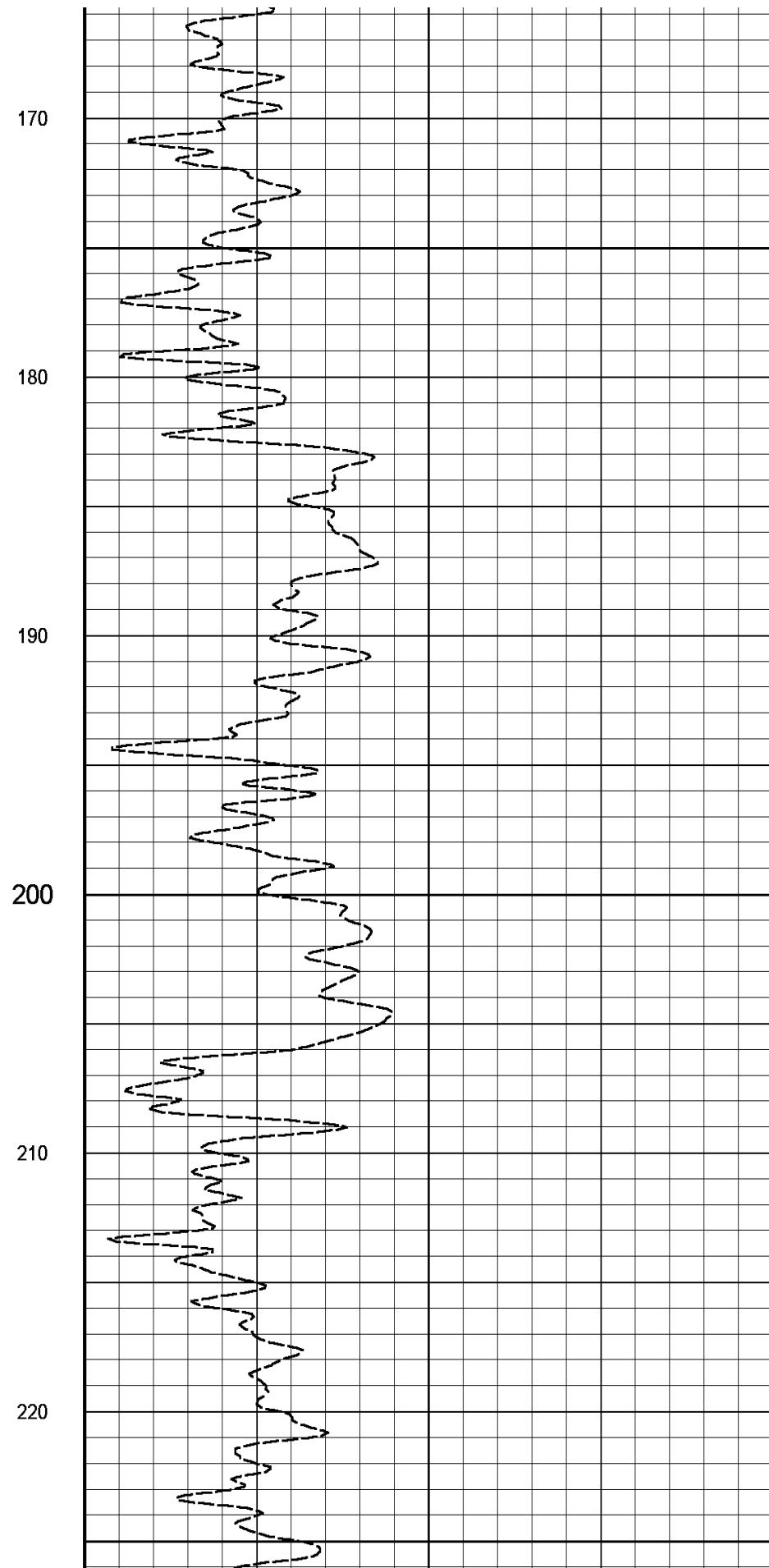
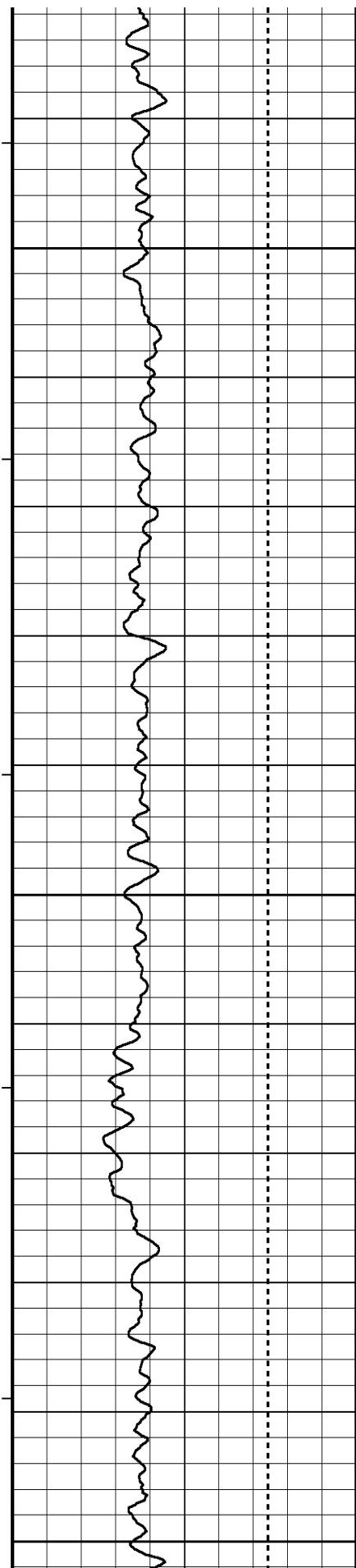
BULK DENSITY 1:600

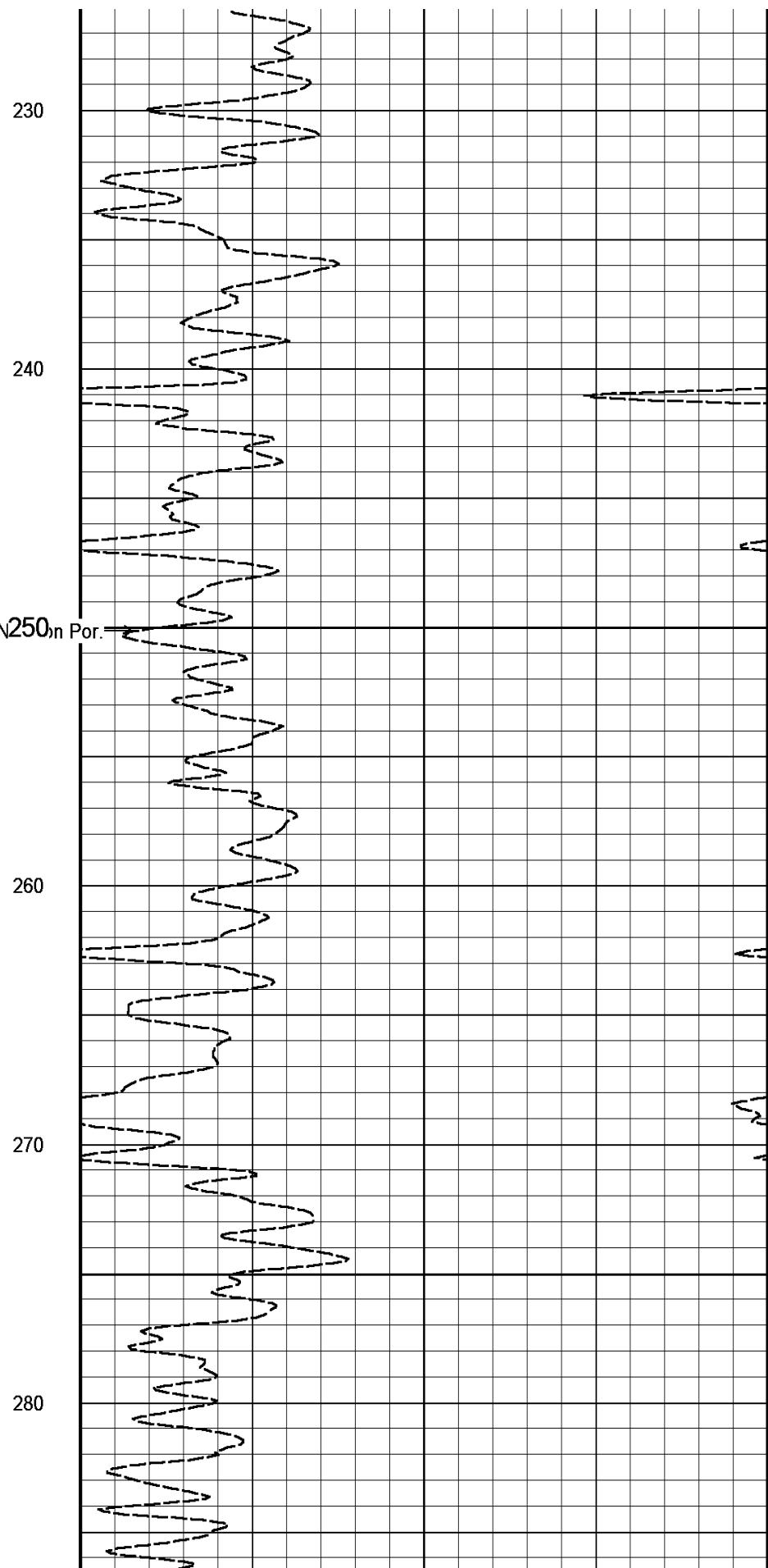
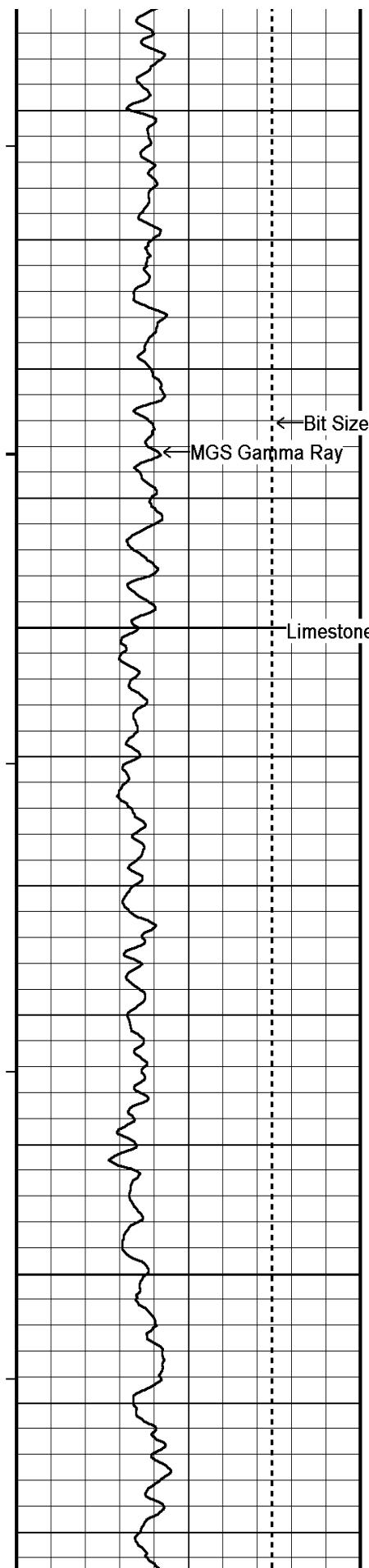


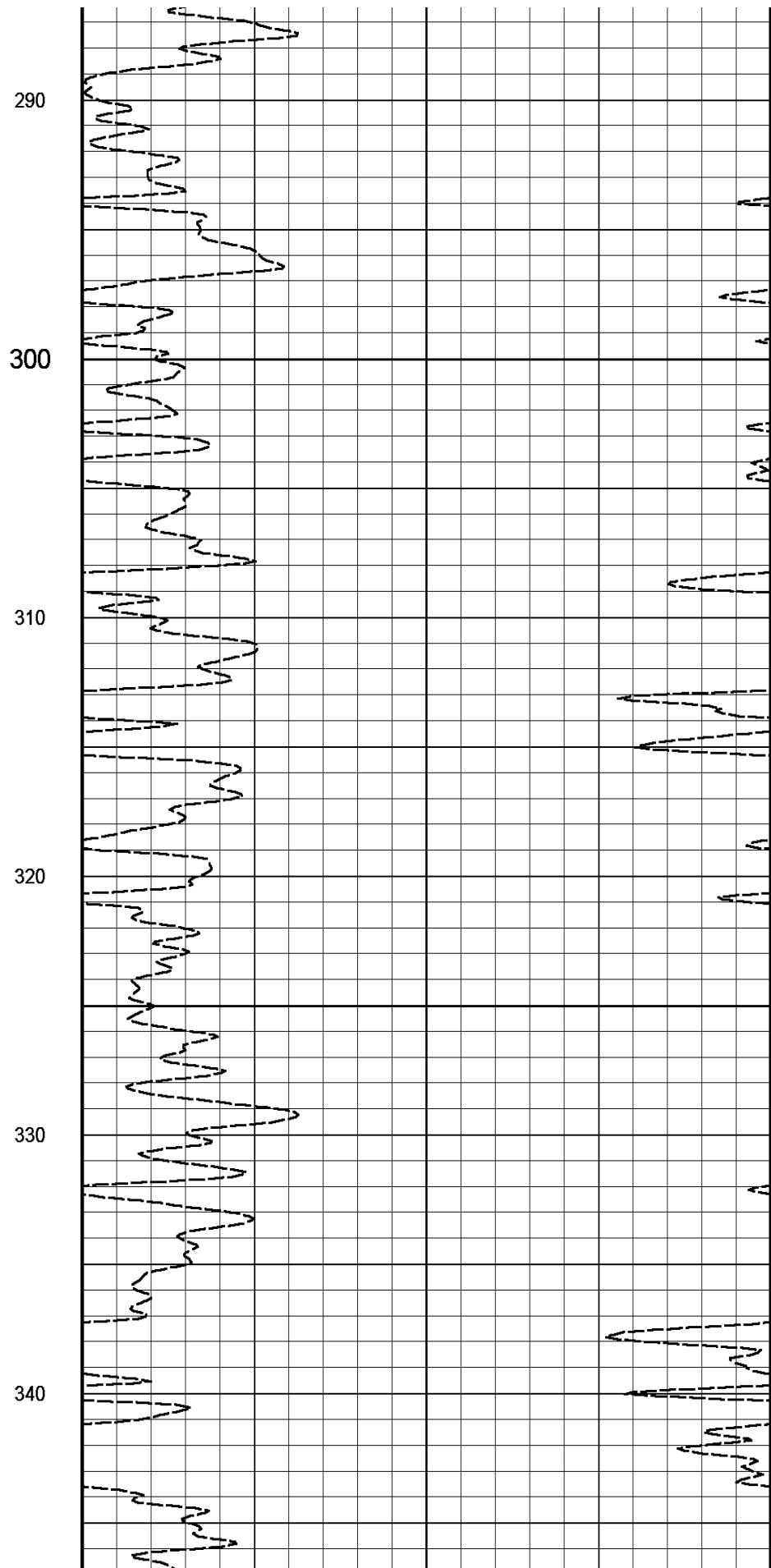
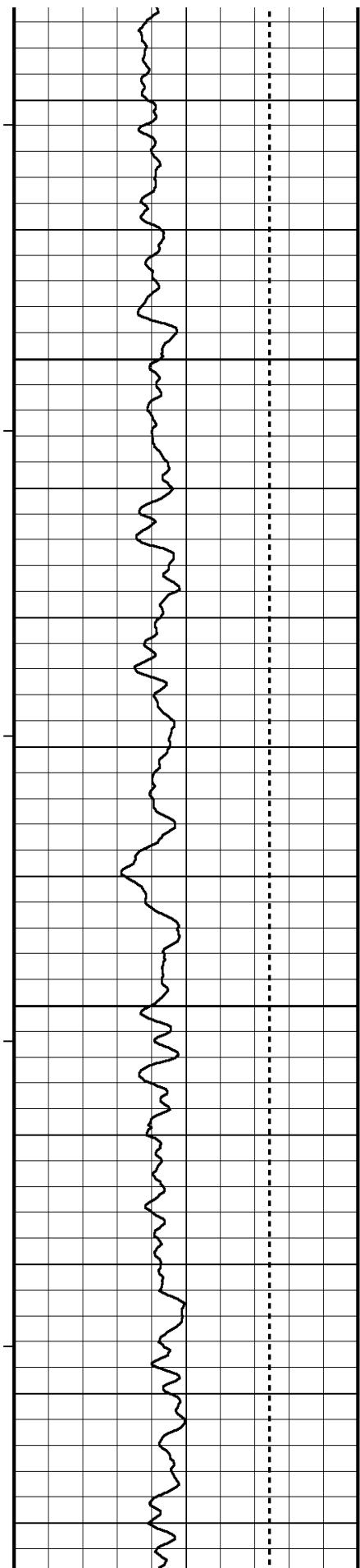


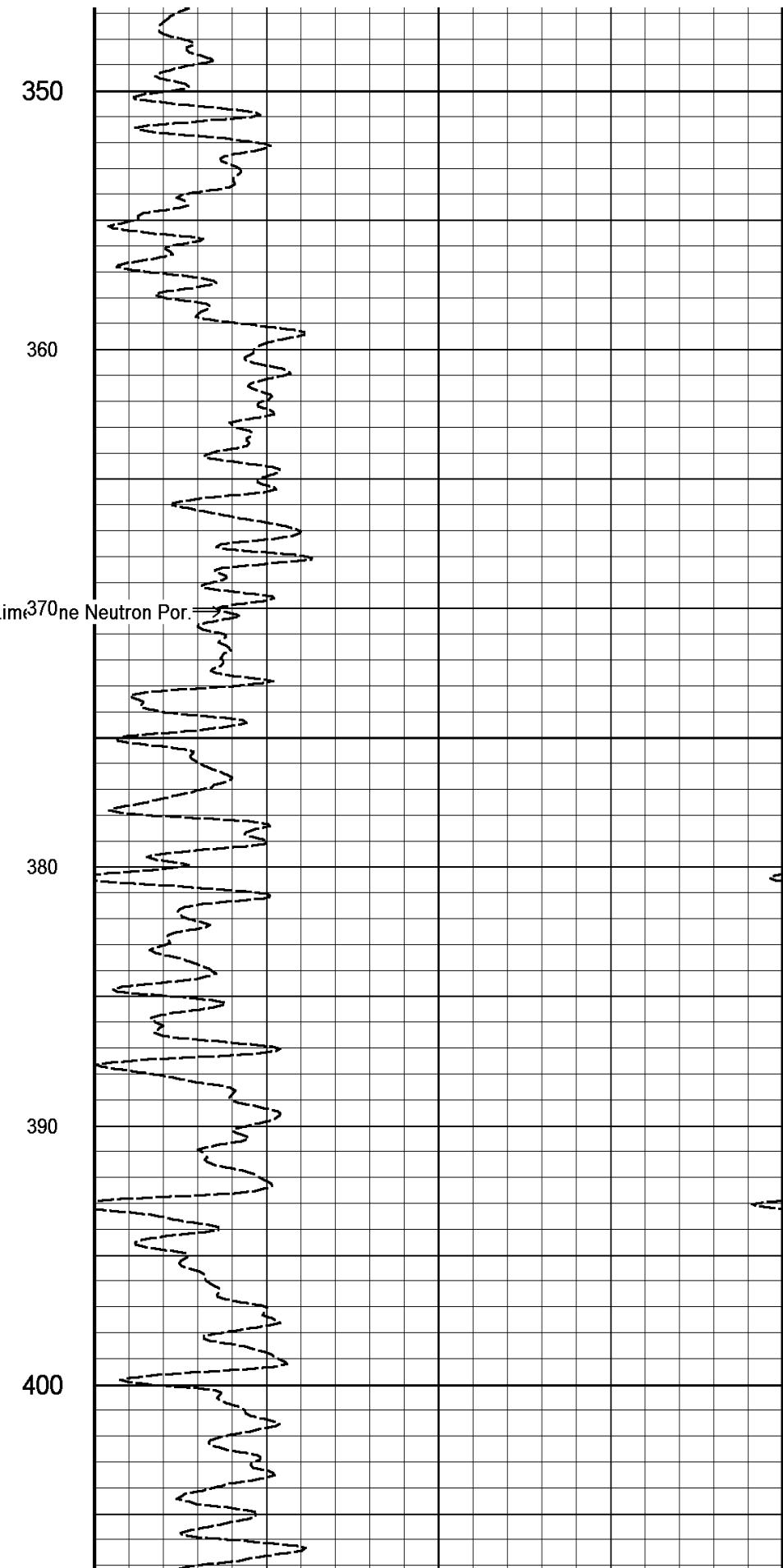
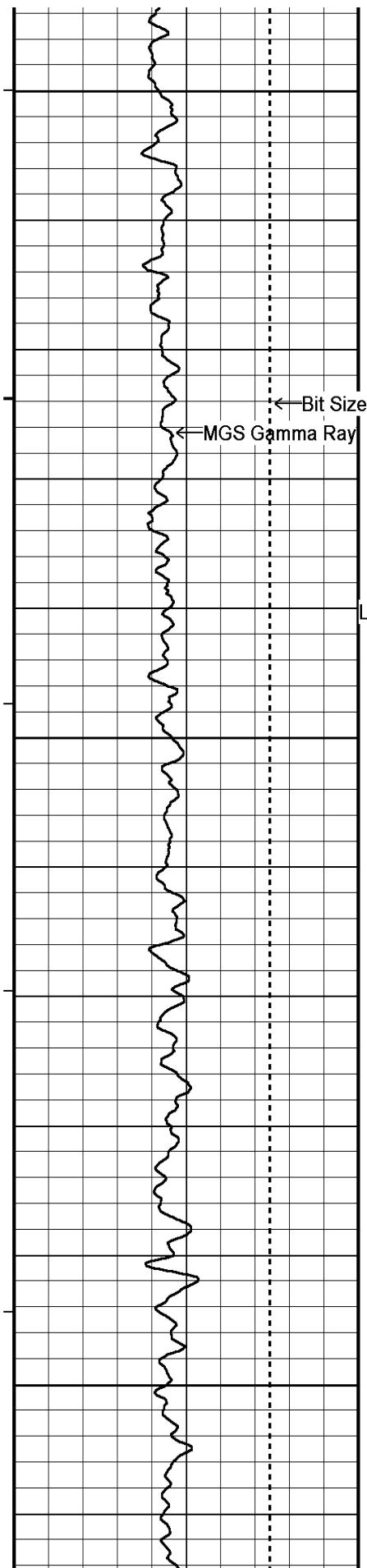


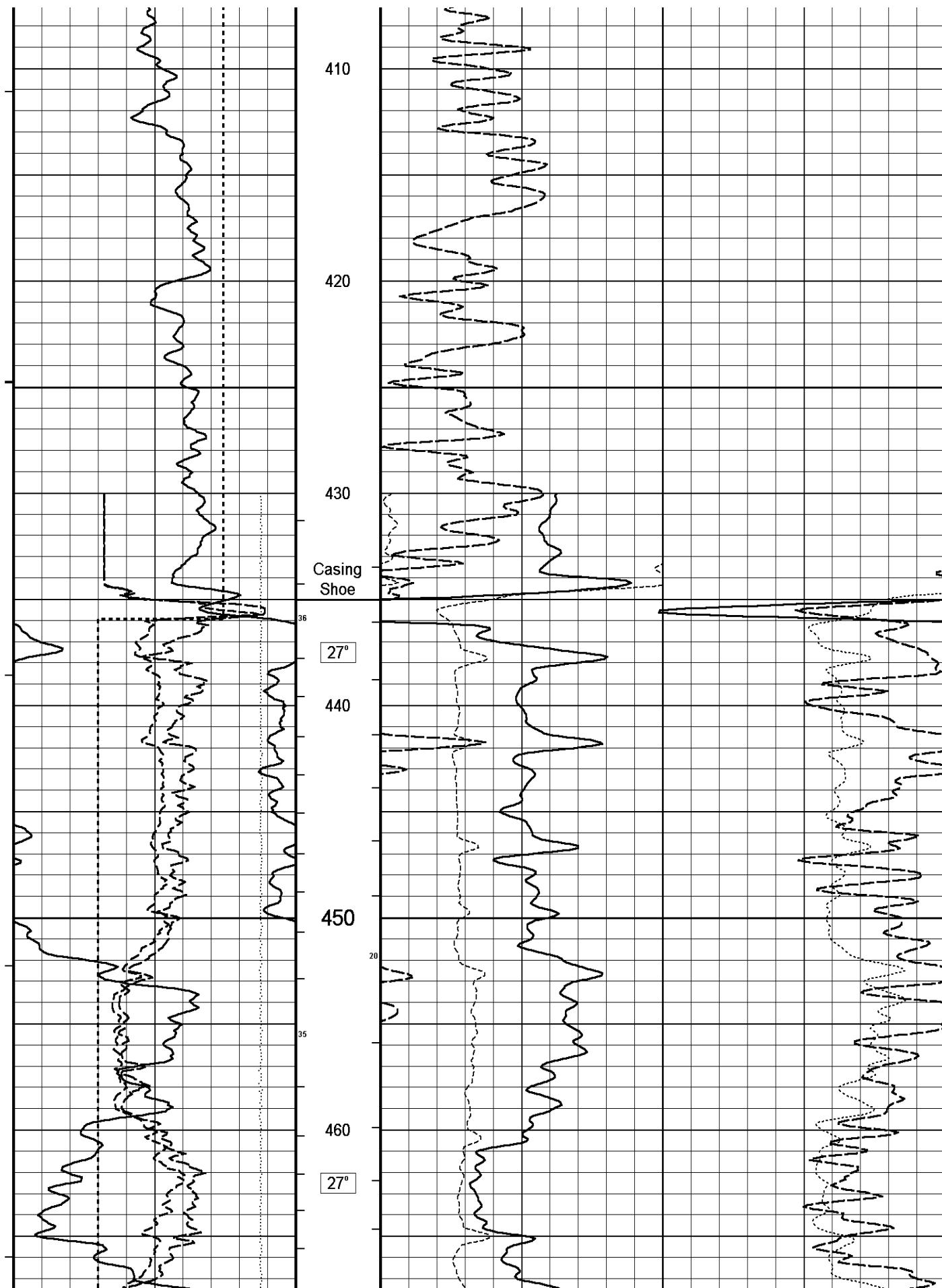


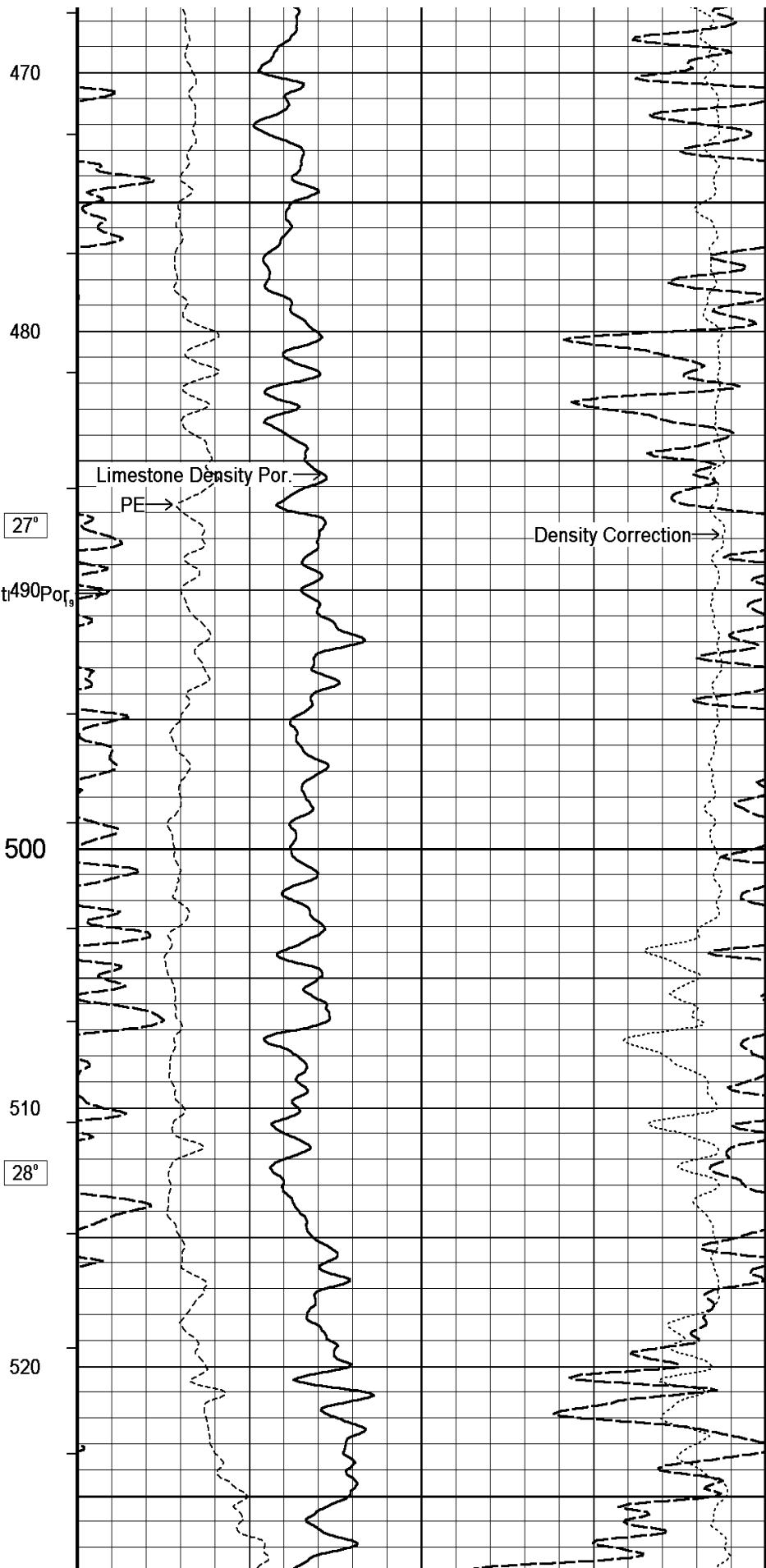
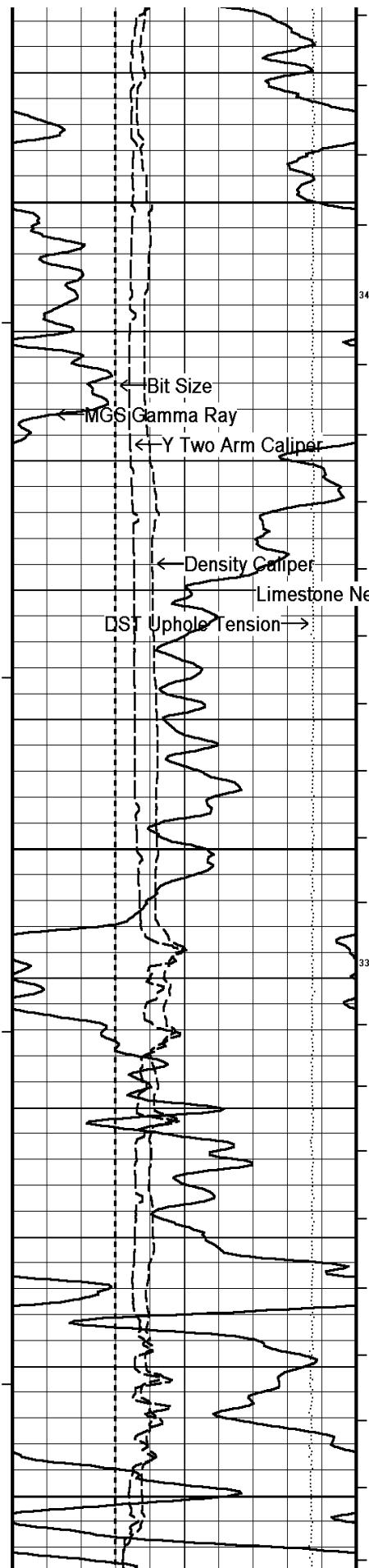


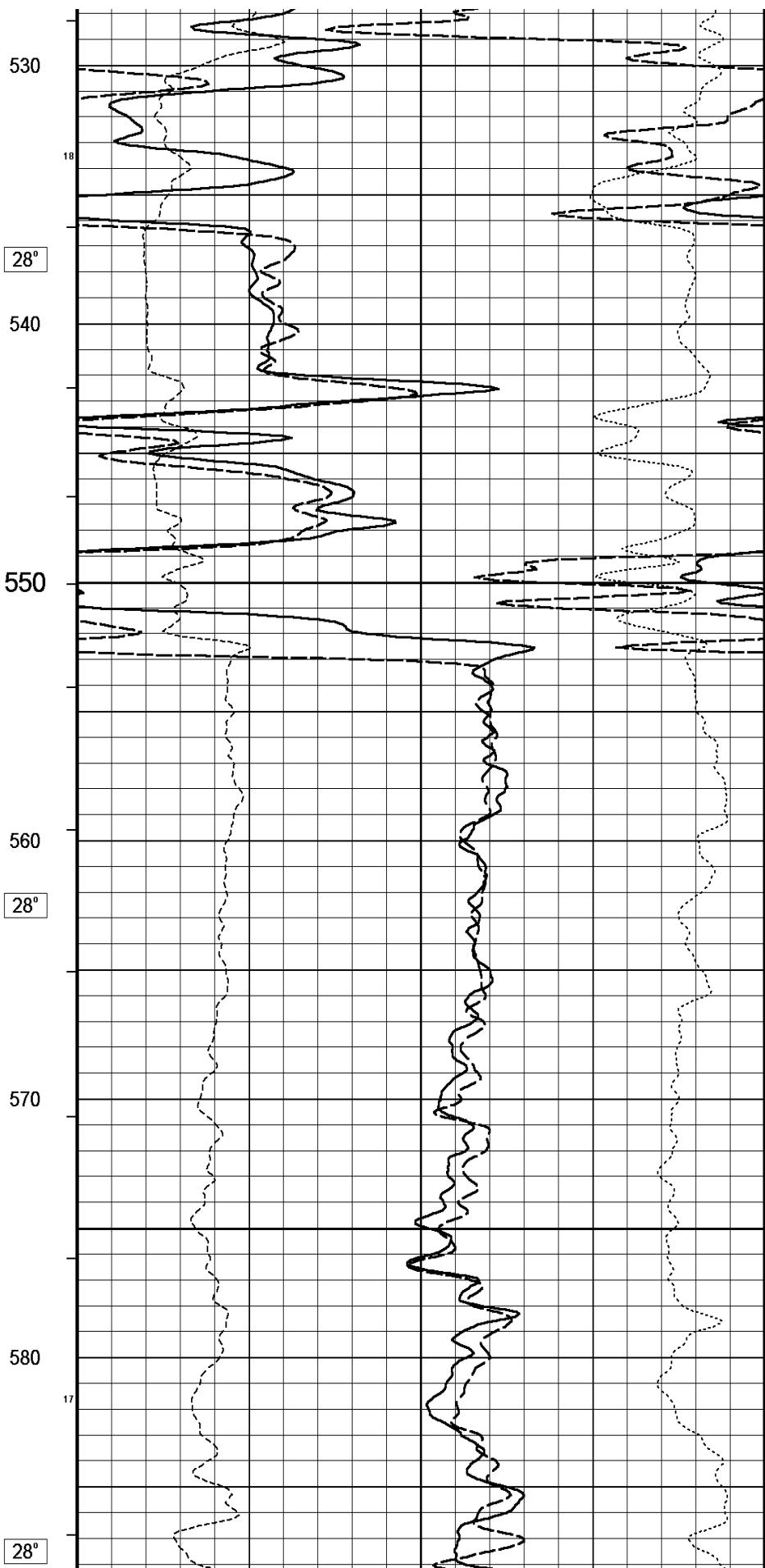
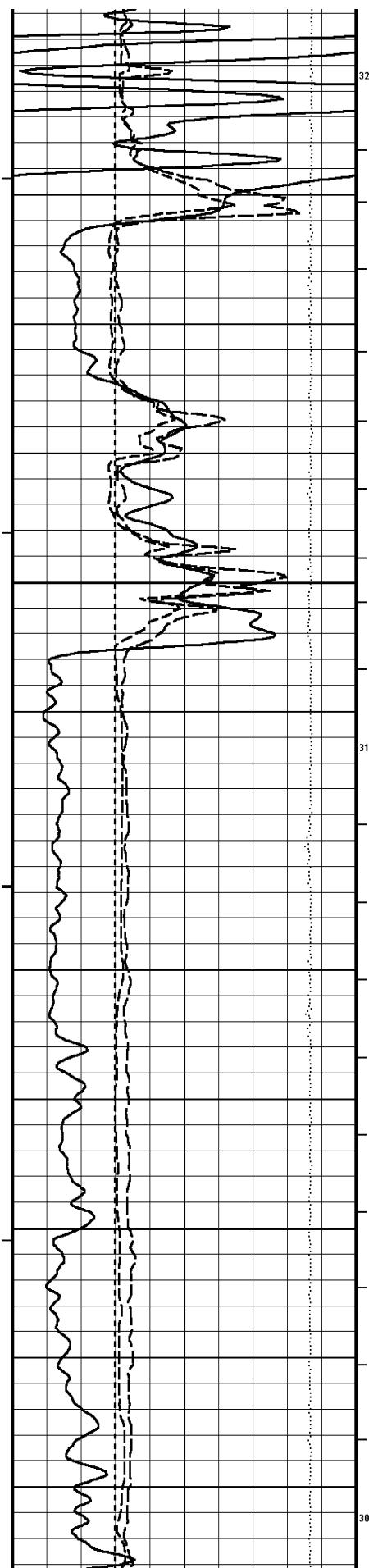


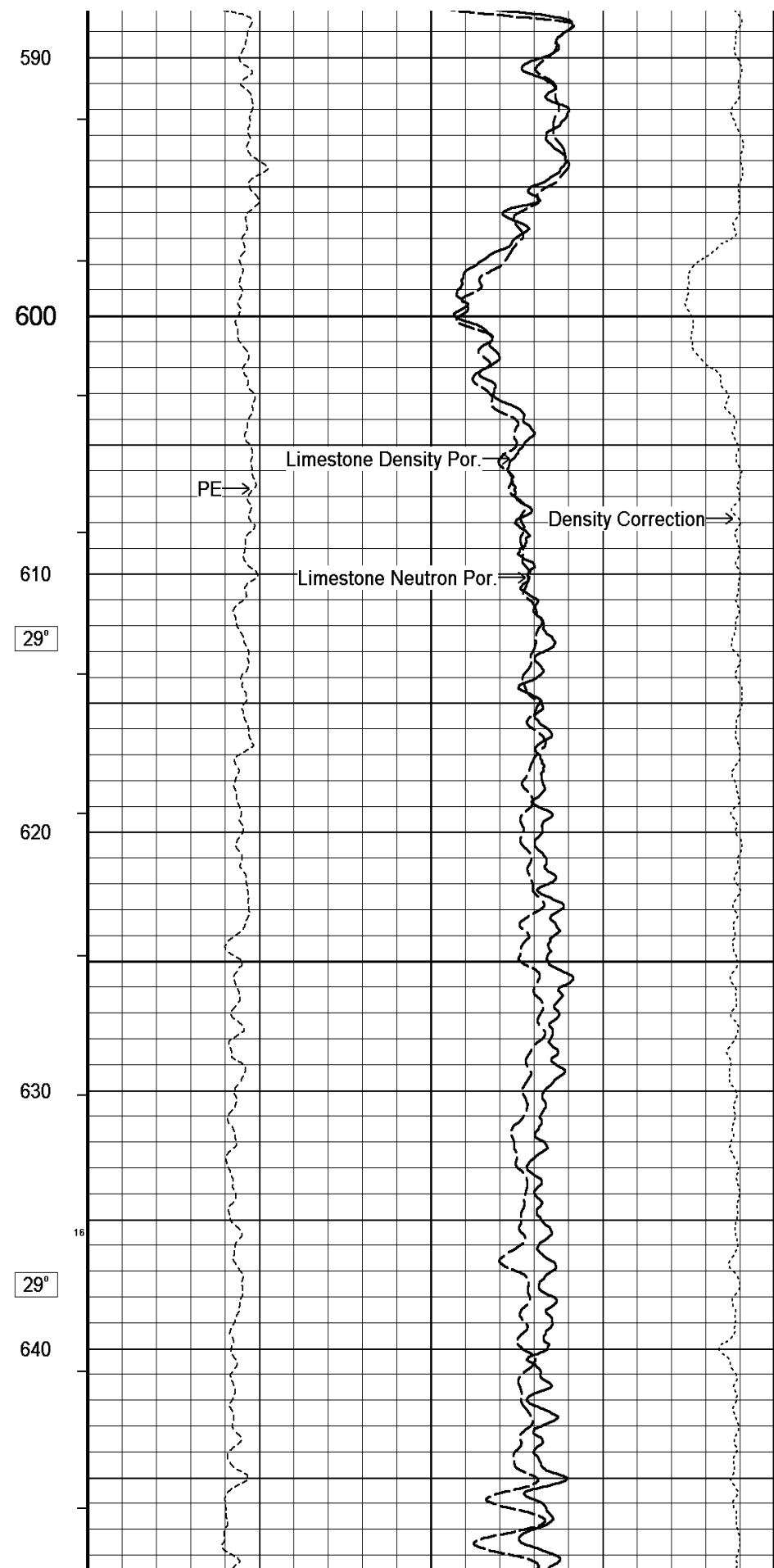
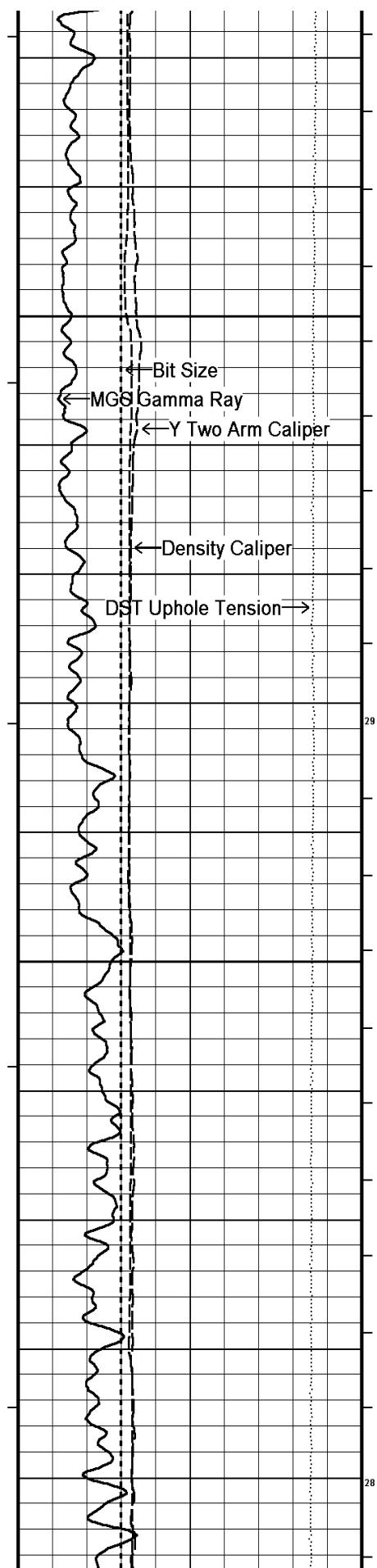


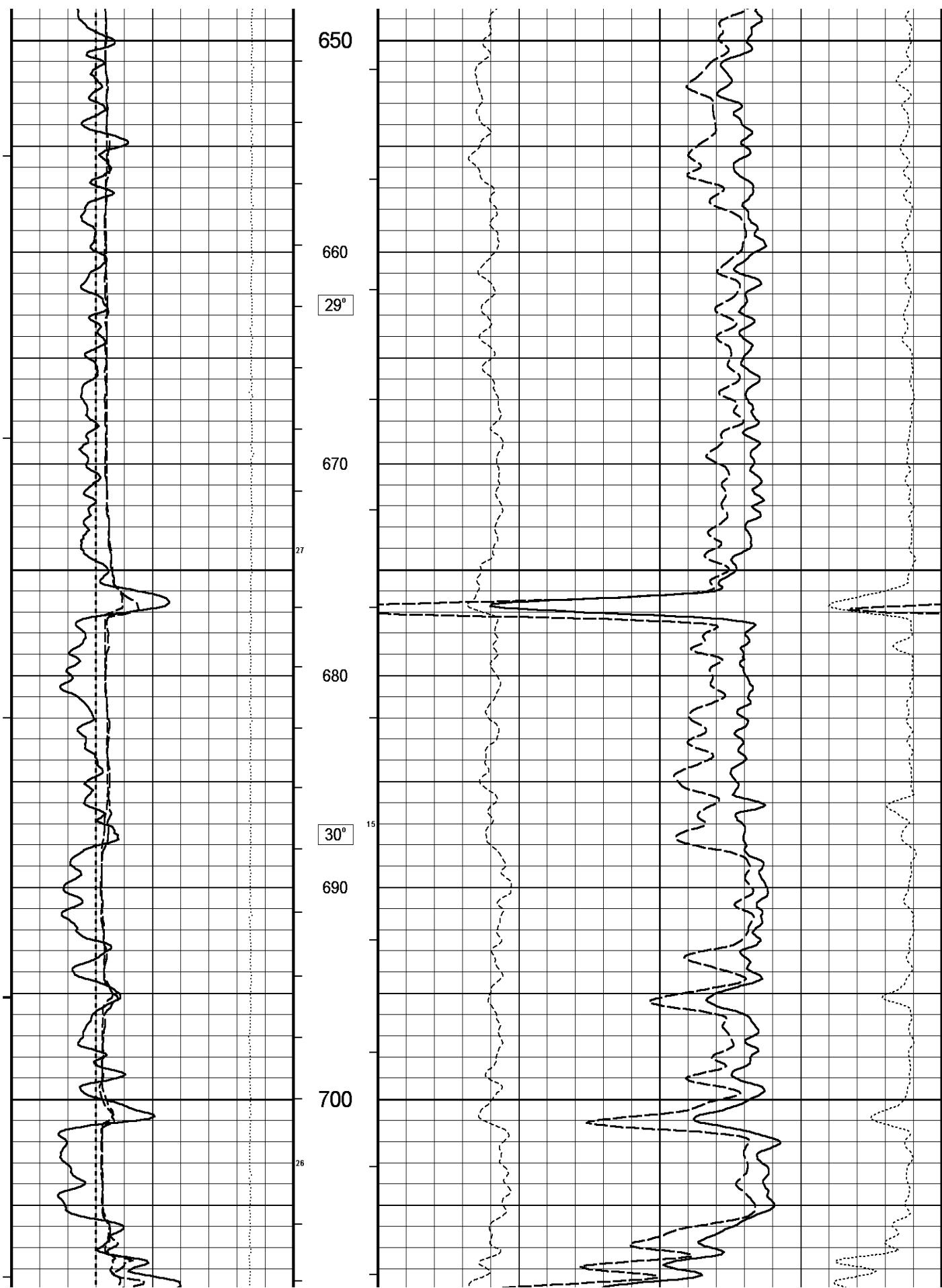


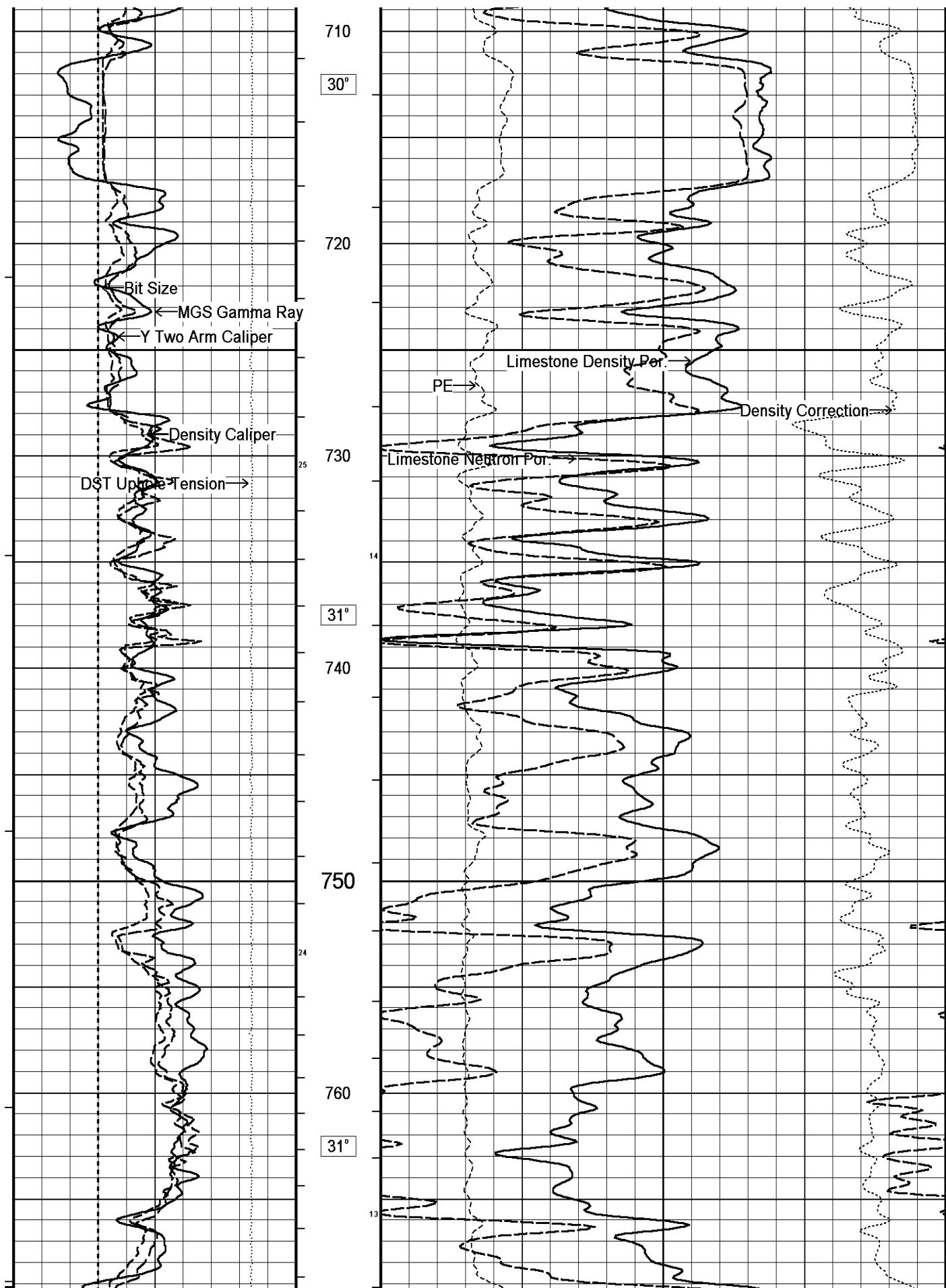


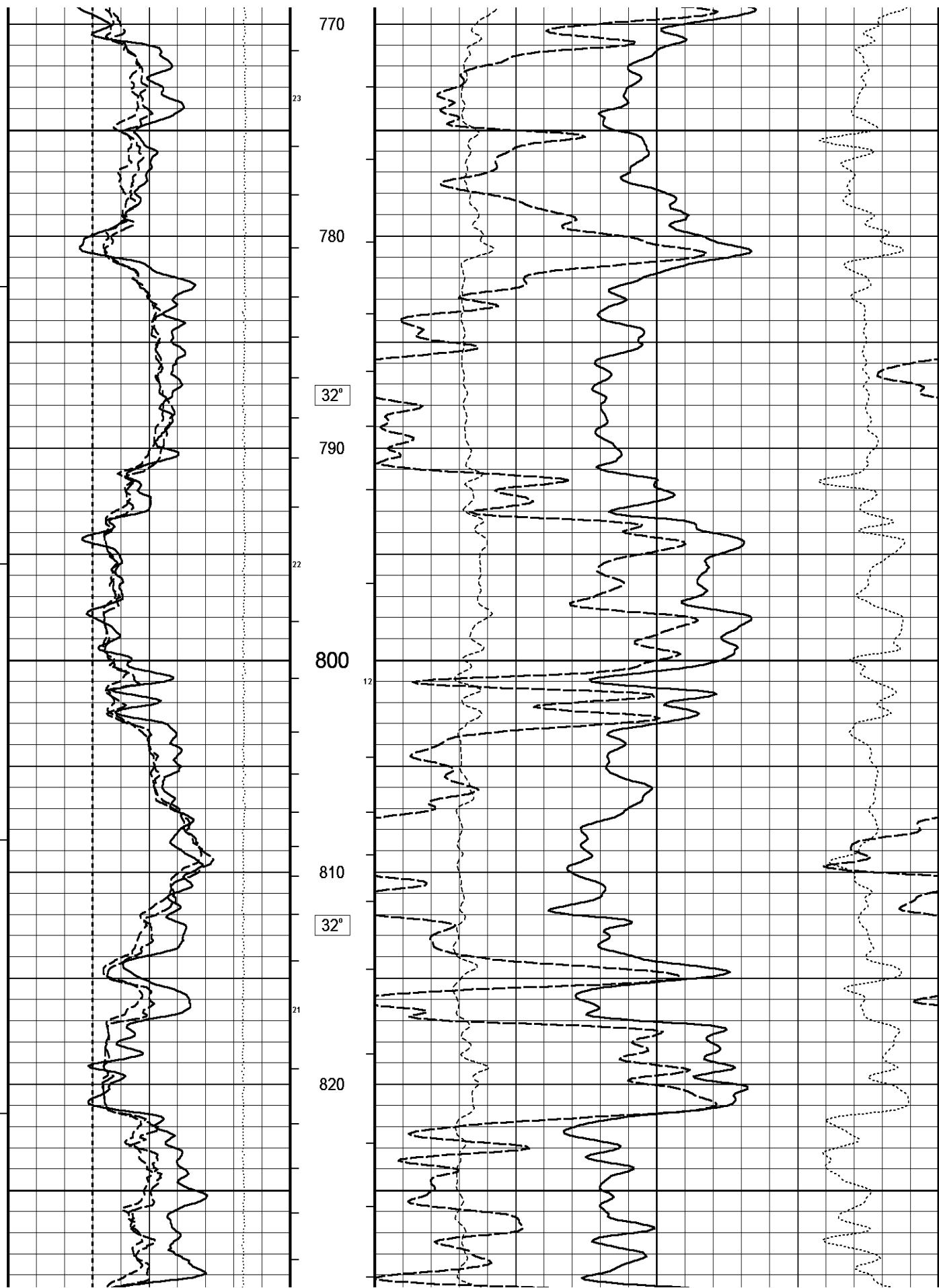


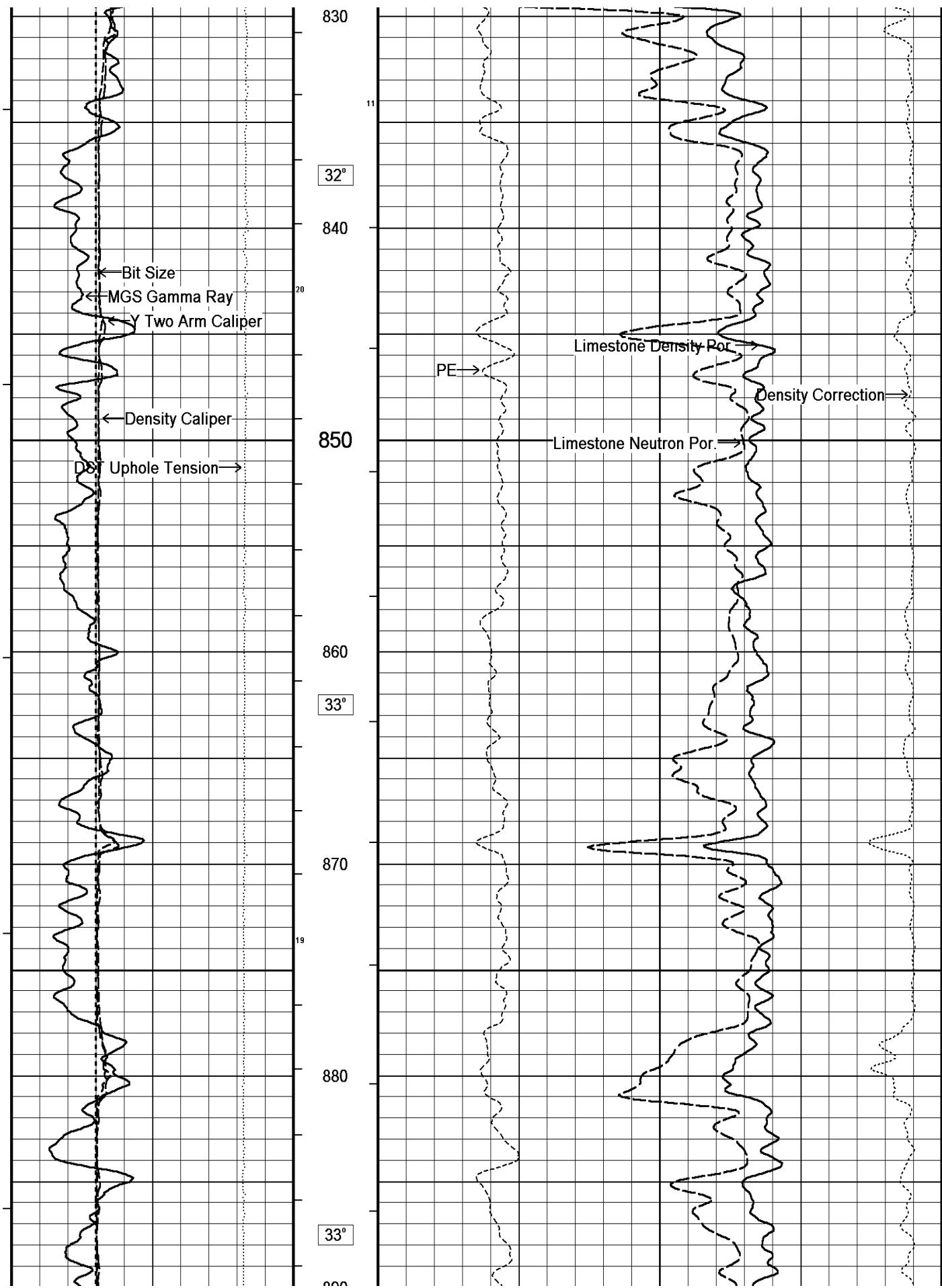


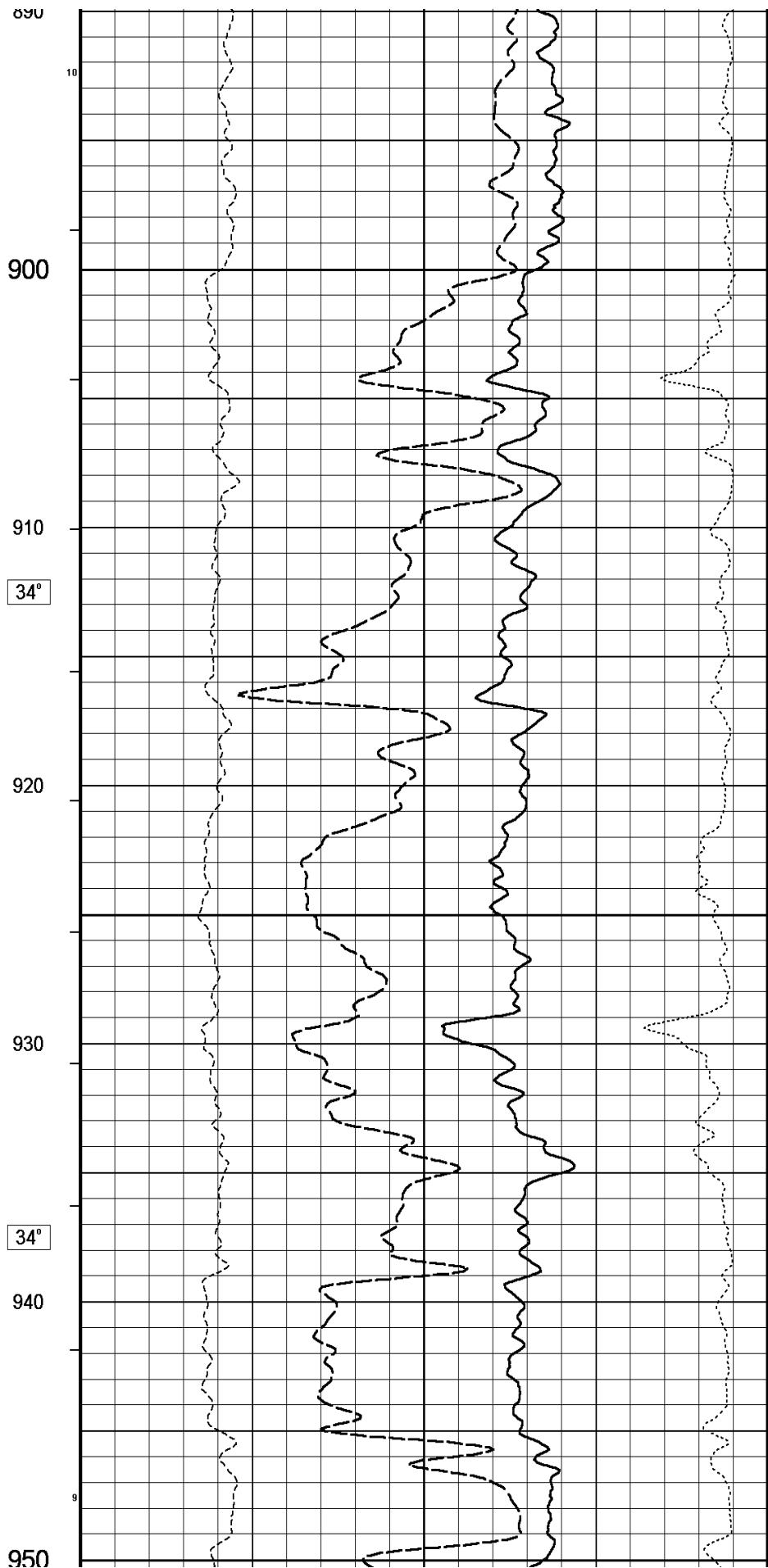
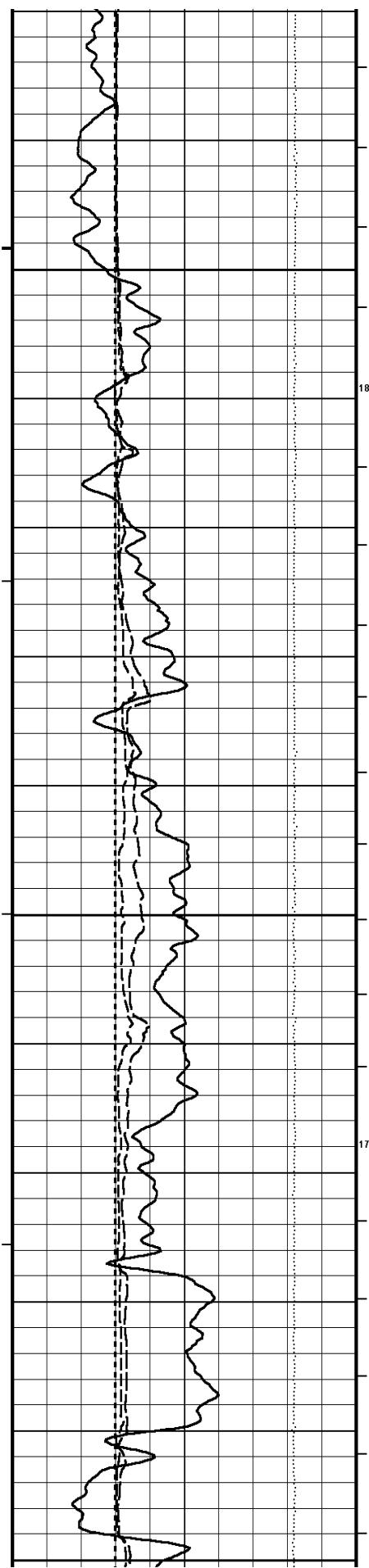


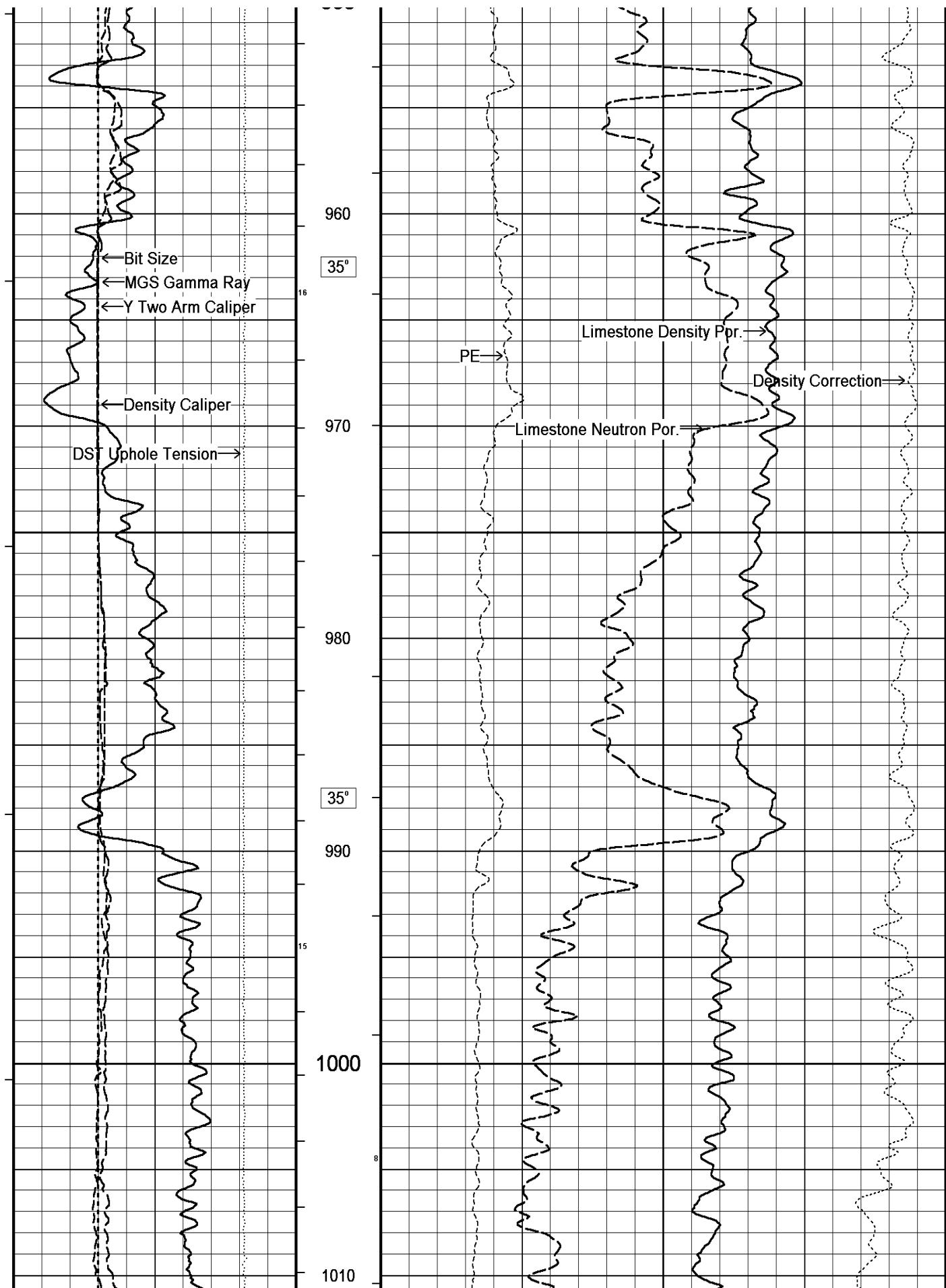


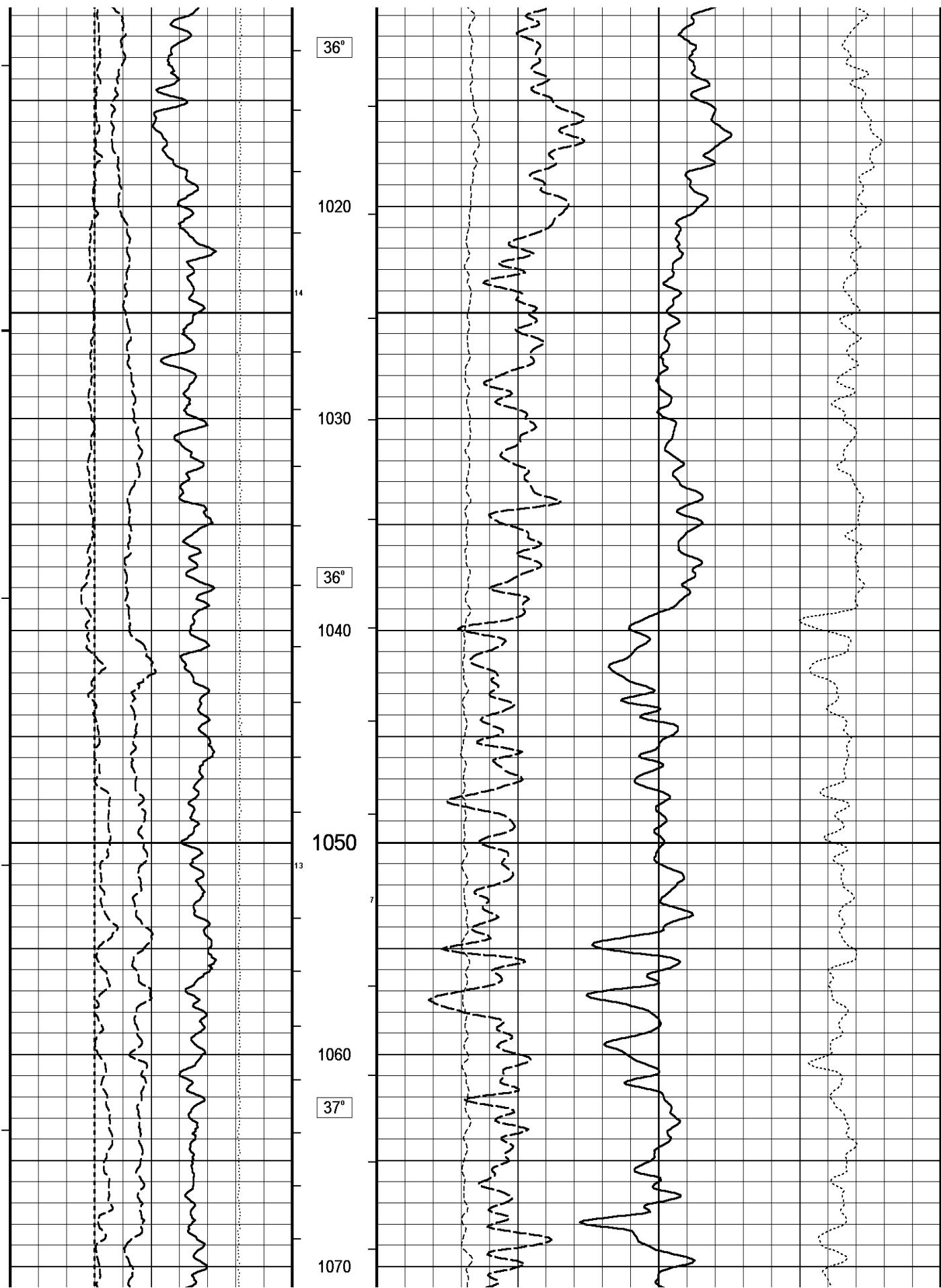


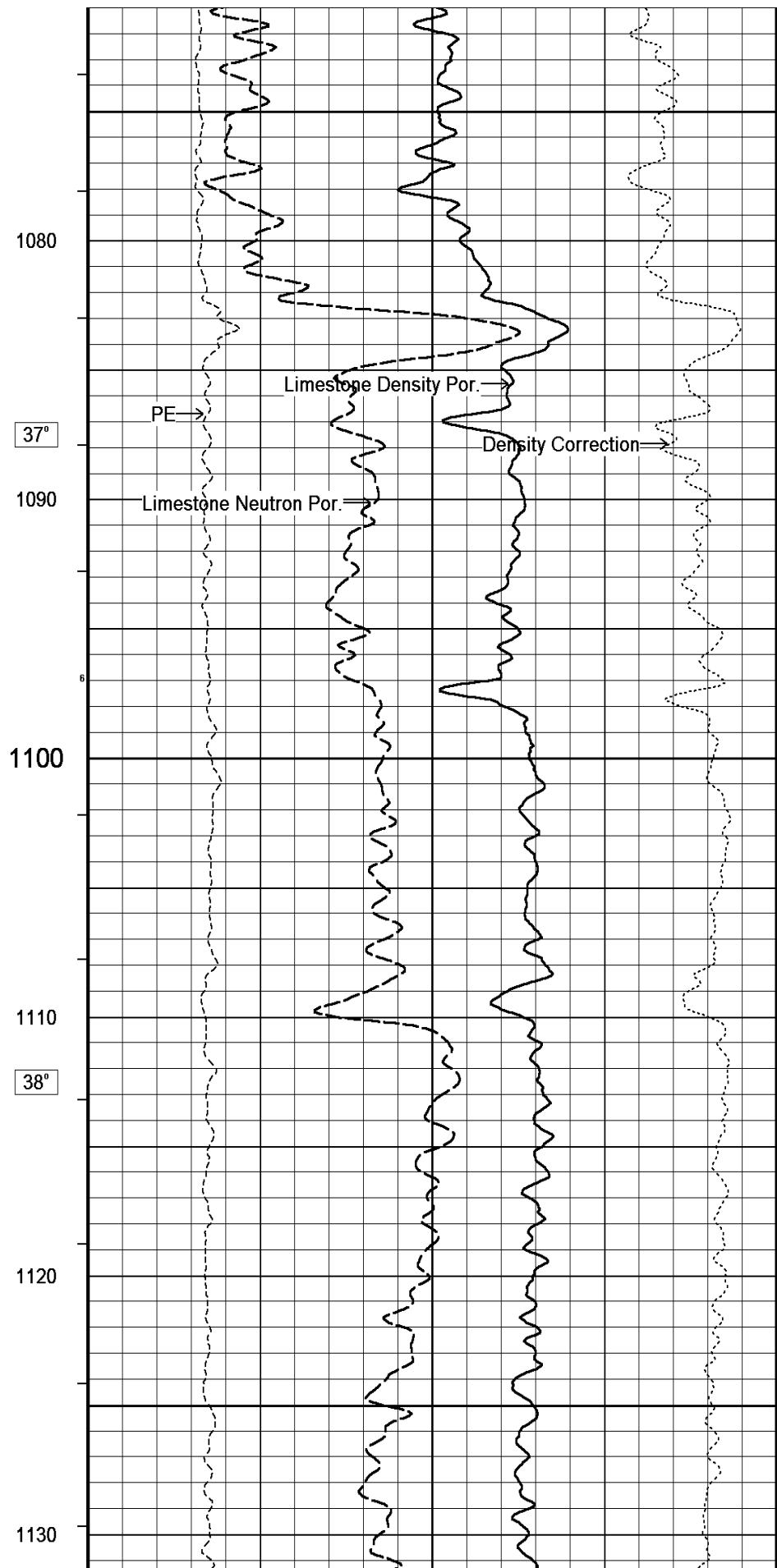
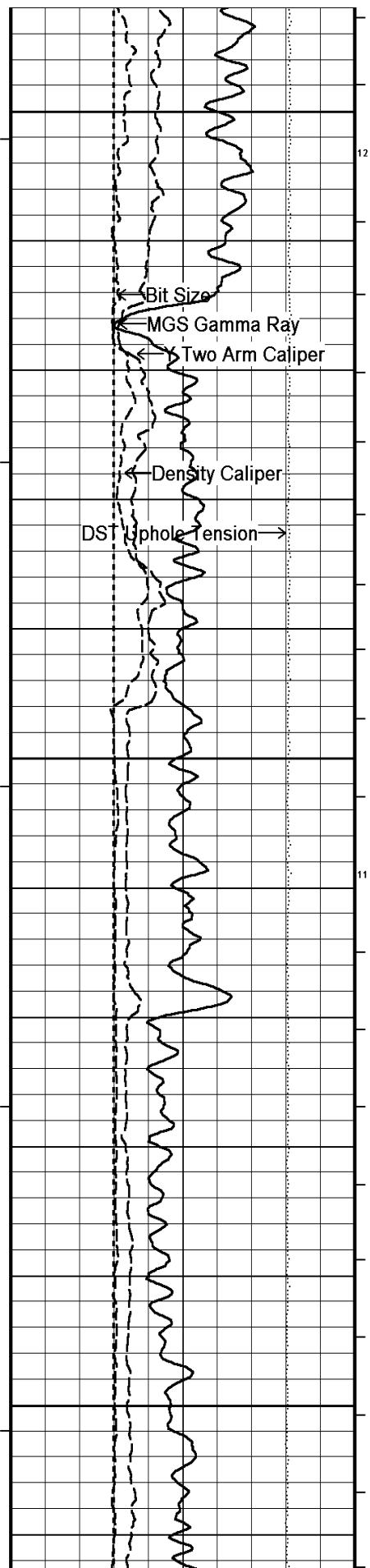


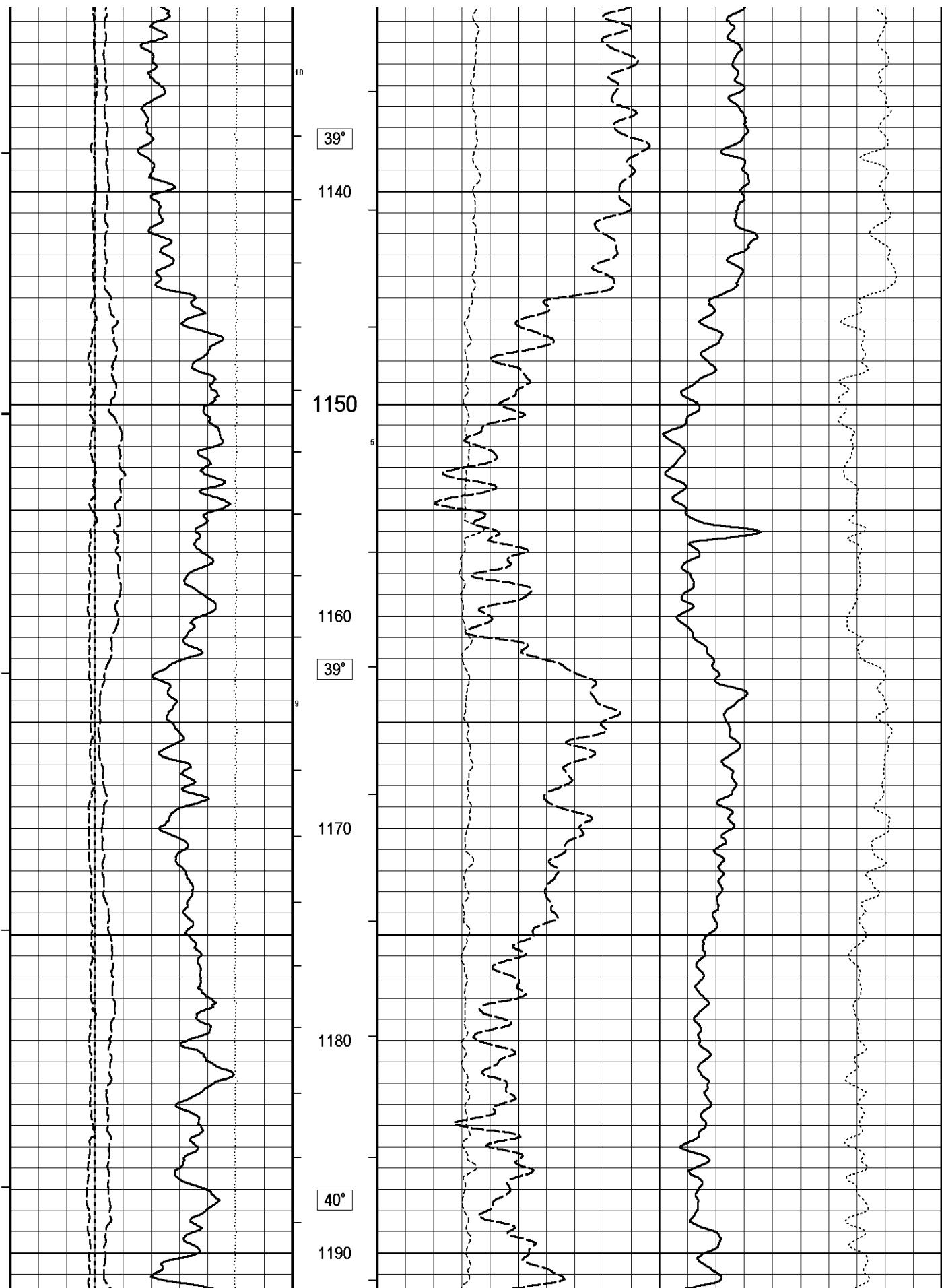


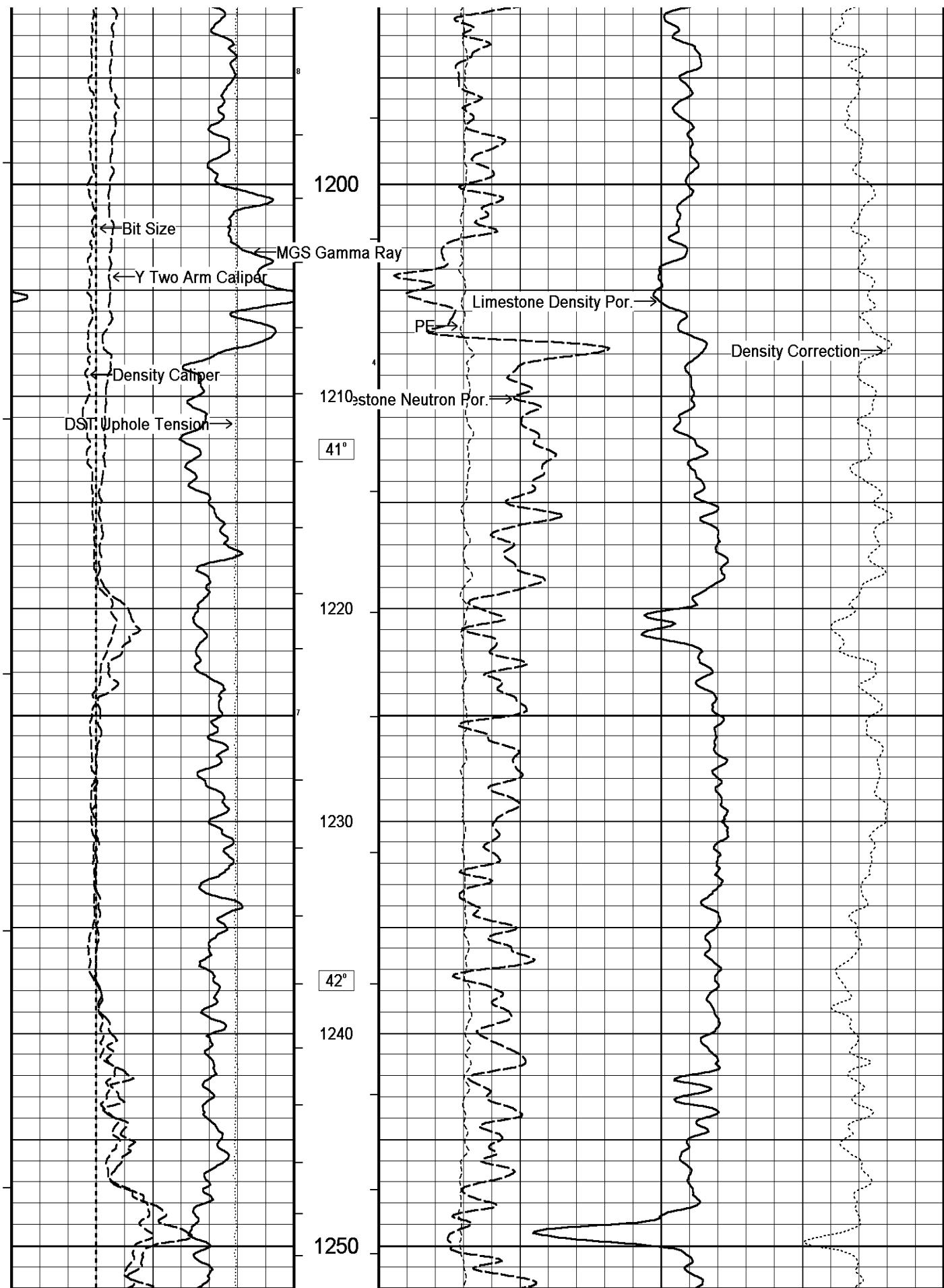


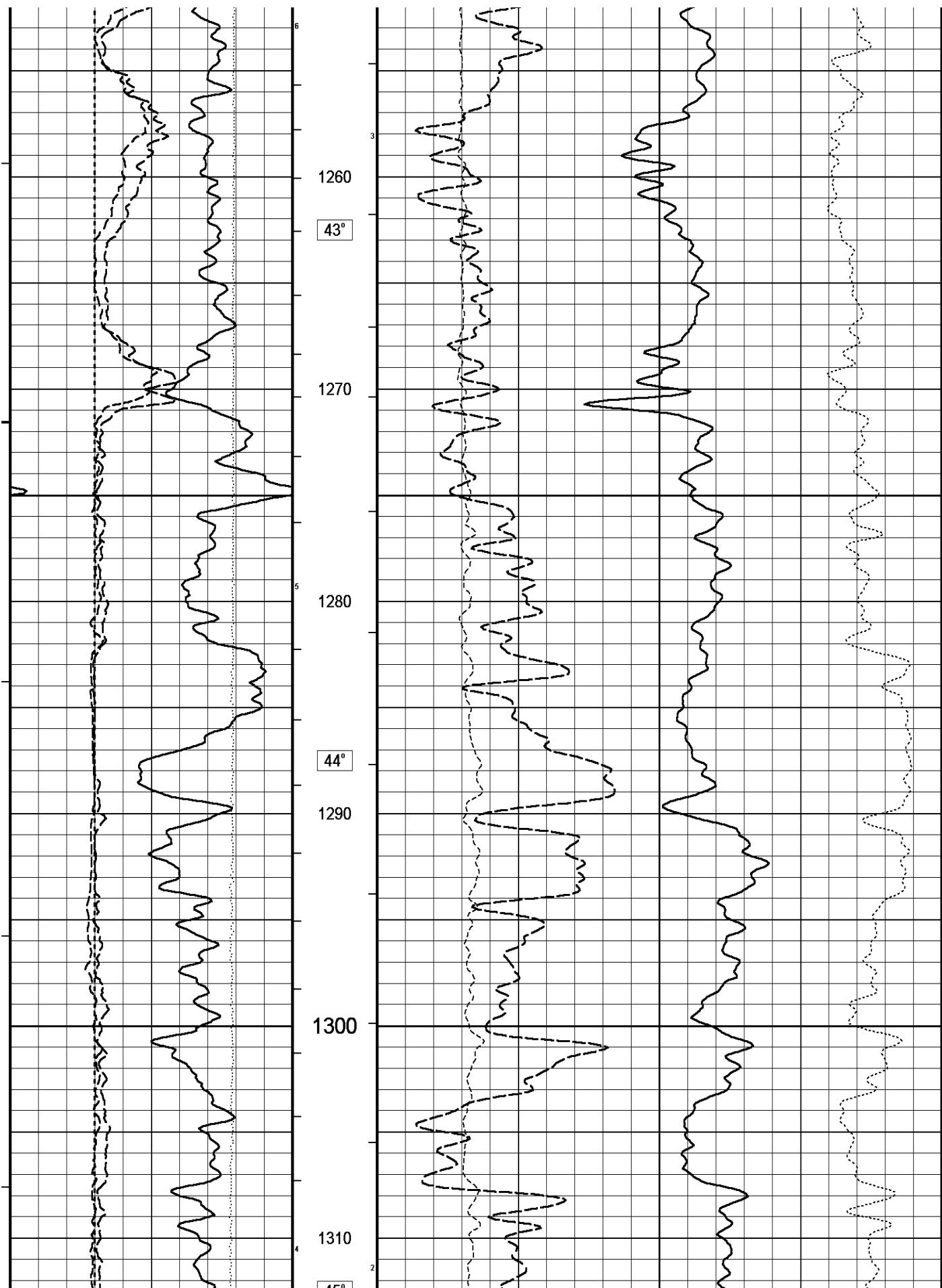


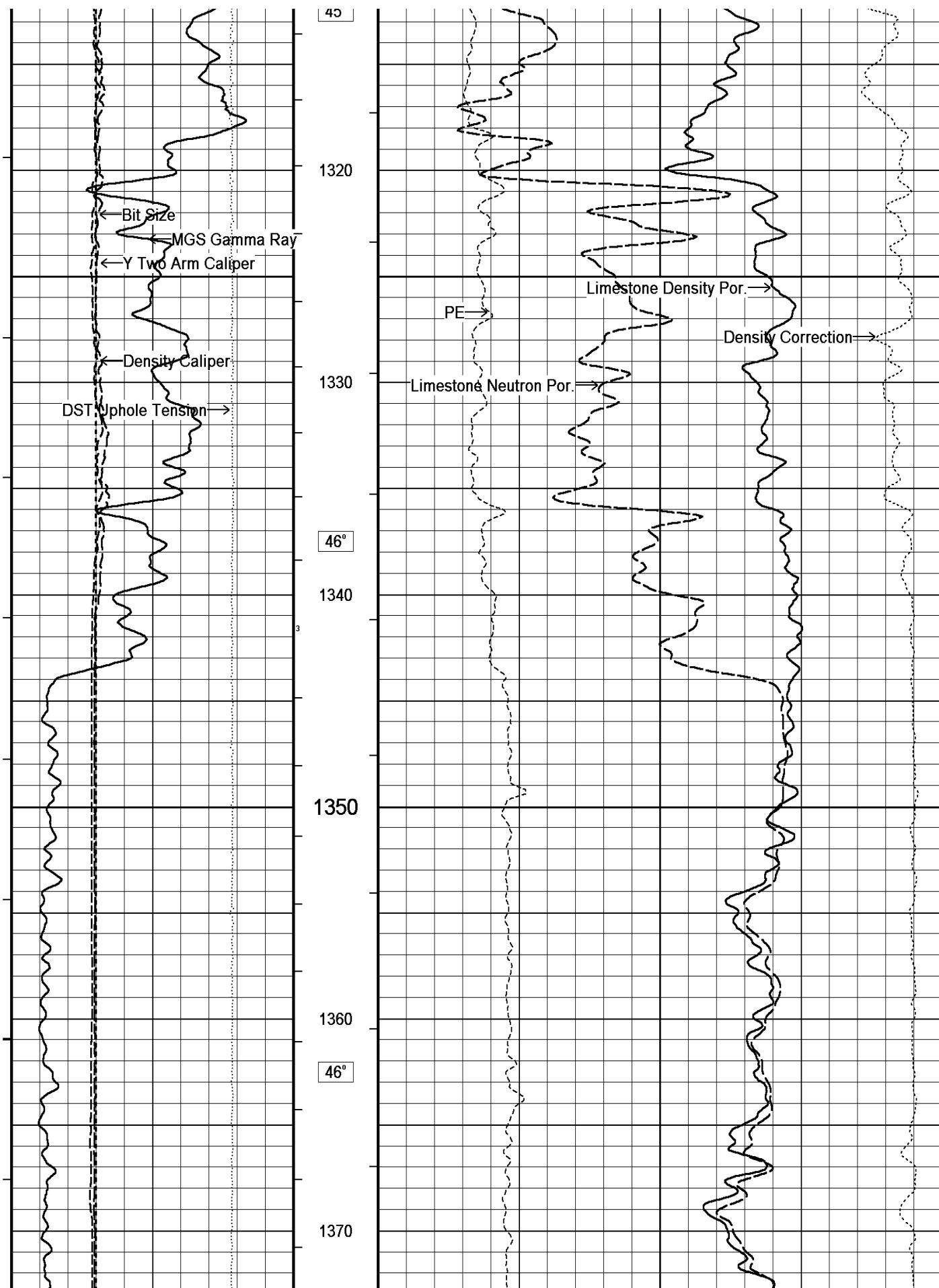


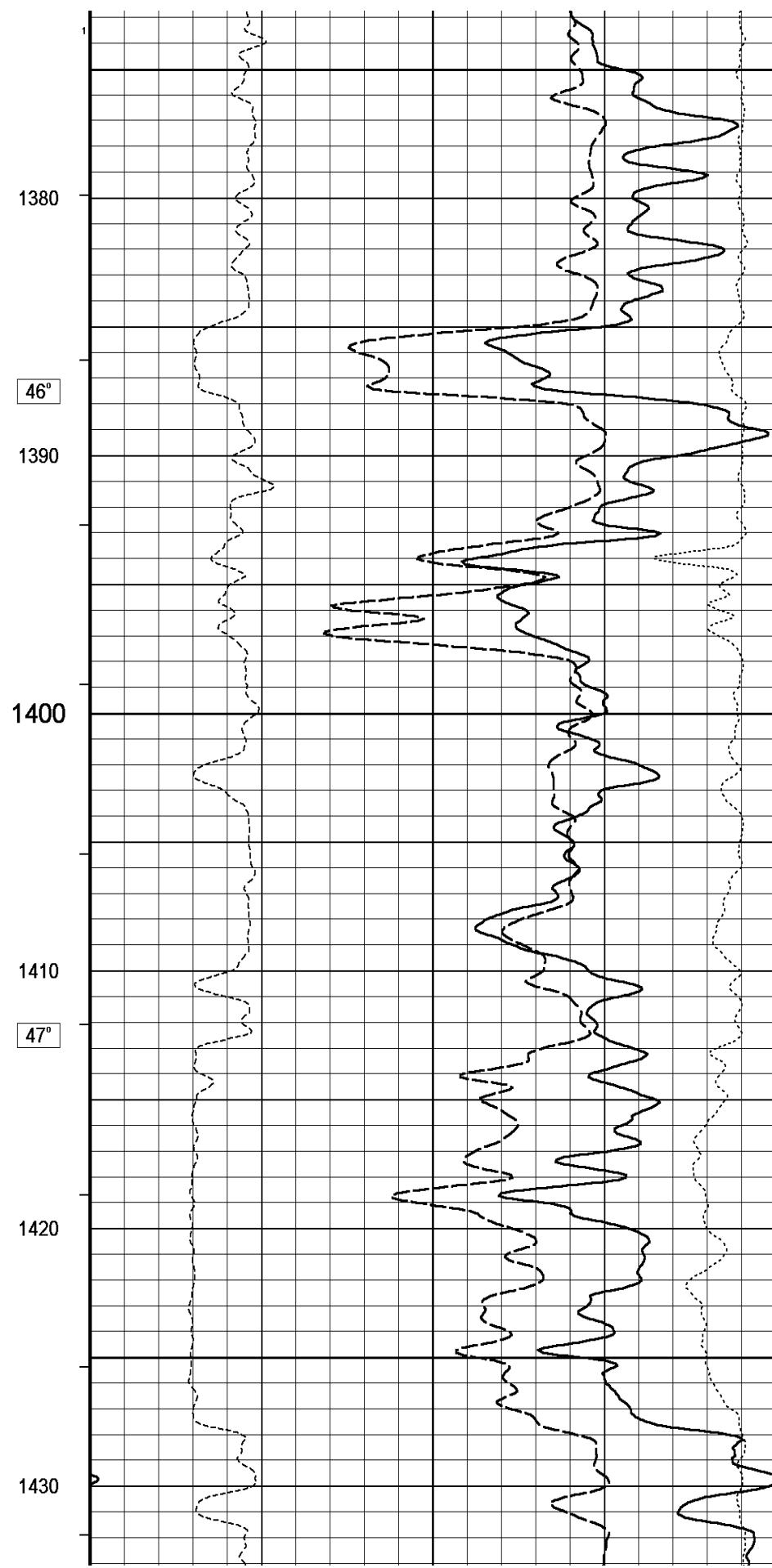
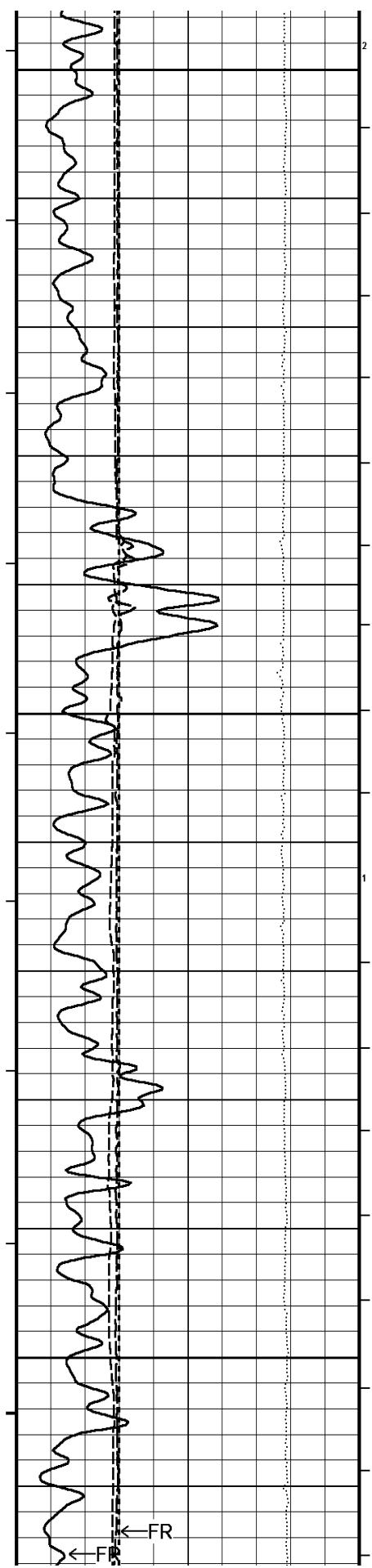


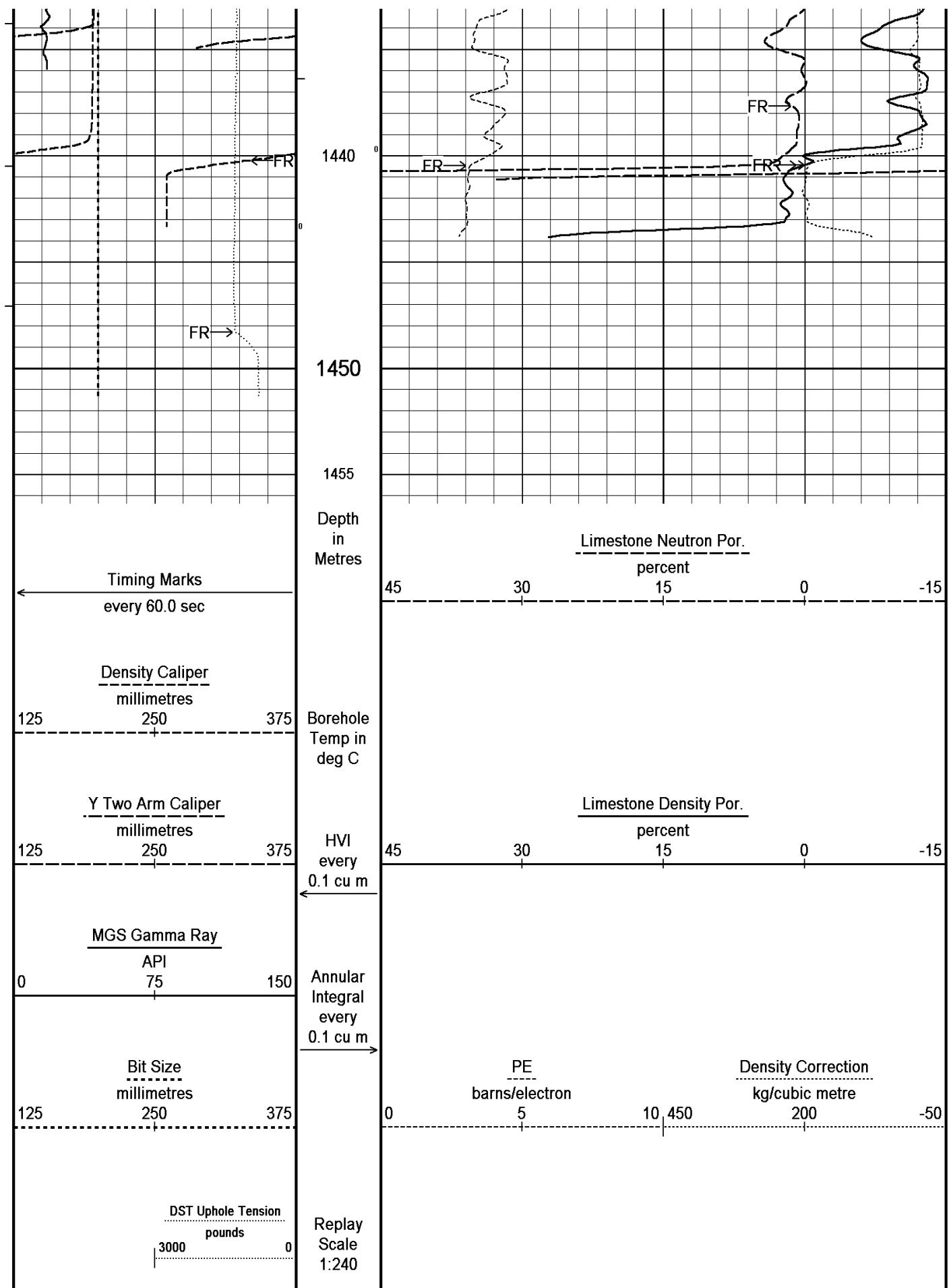












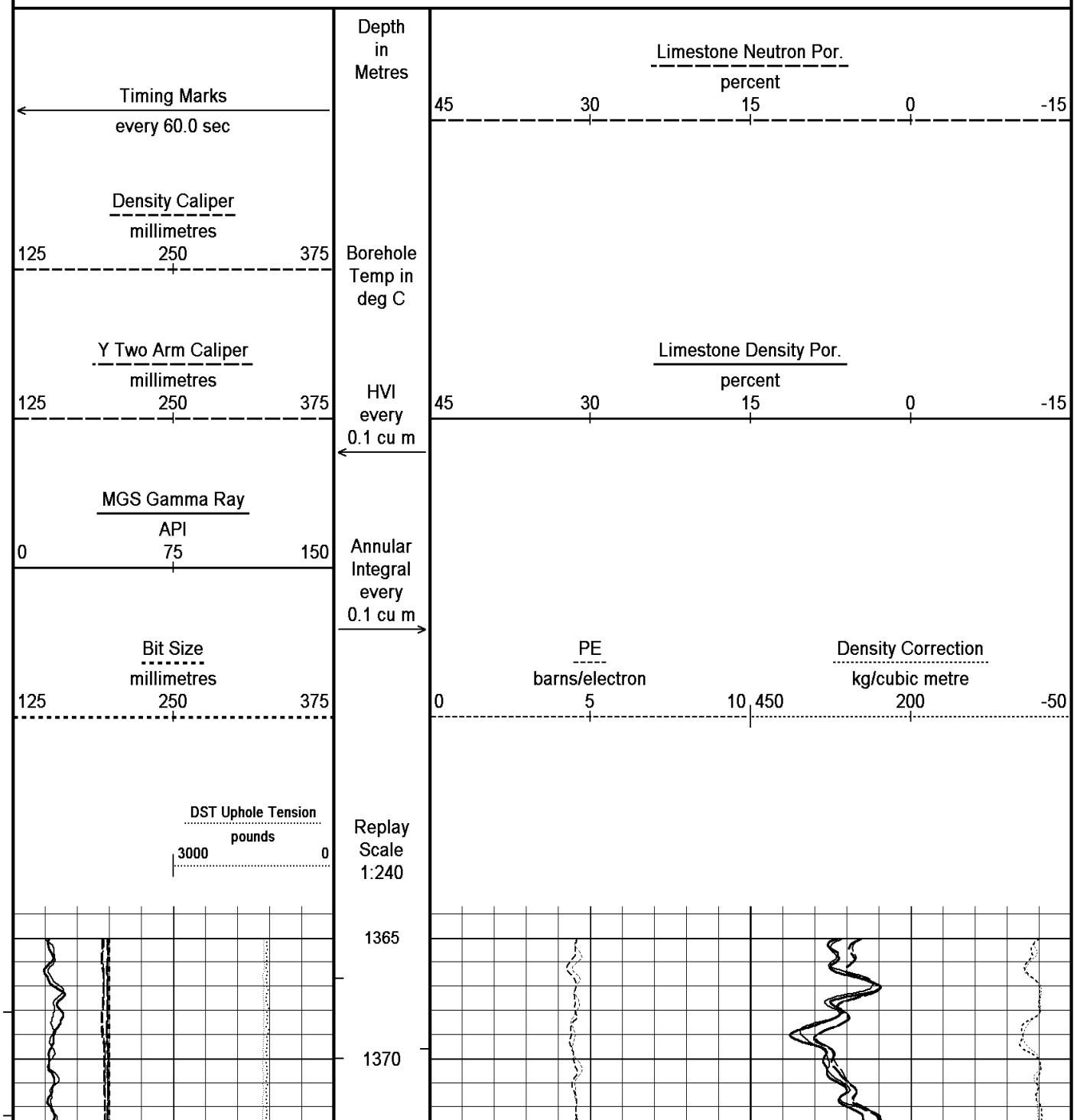
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System Versions: Logged with 7.01.0195 Processed with

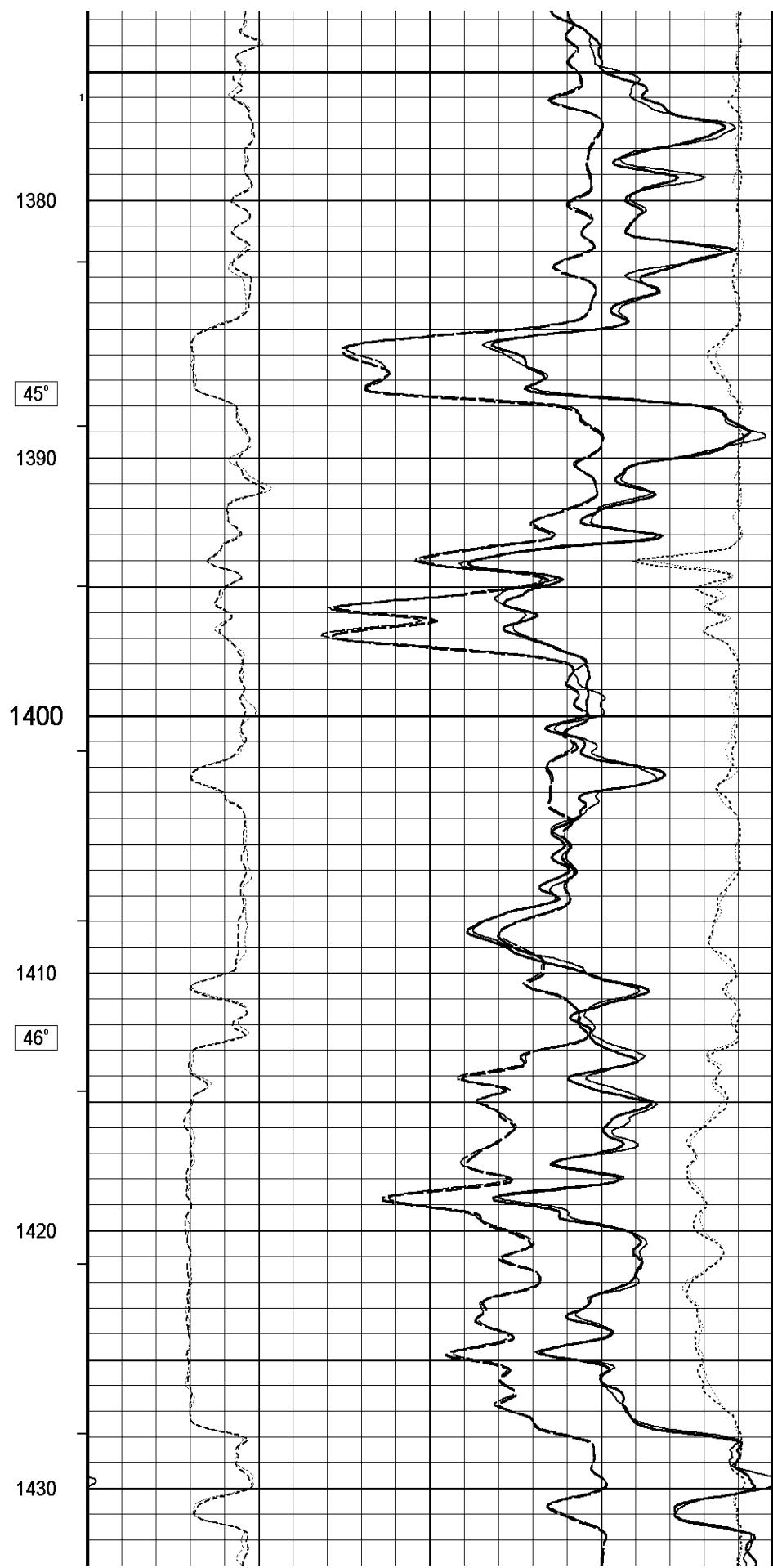
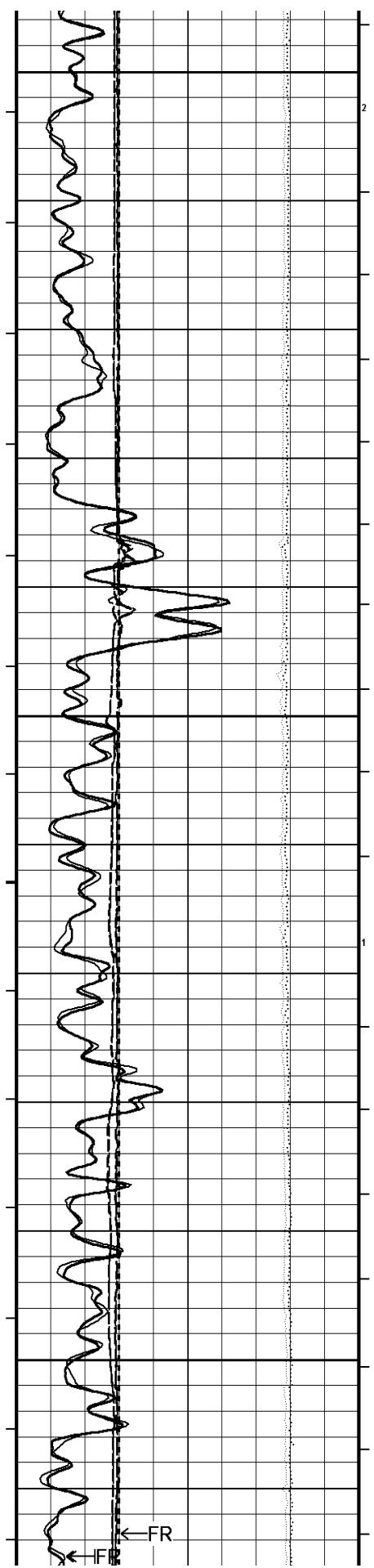
Plotted on 12-NOV-2007 11:22
Recorded on 28-FEB-2007 02:28

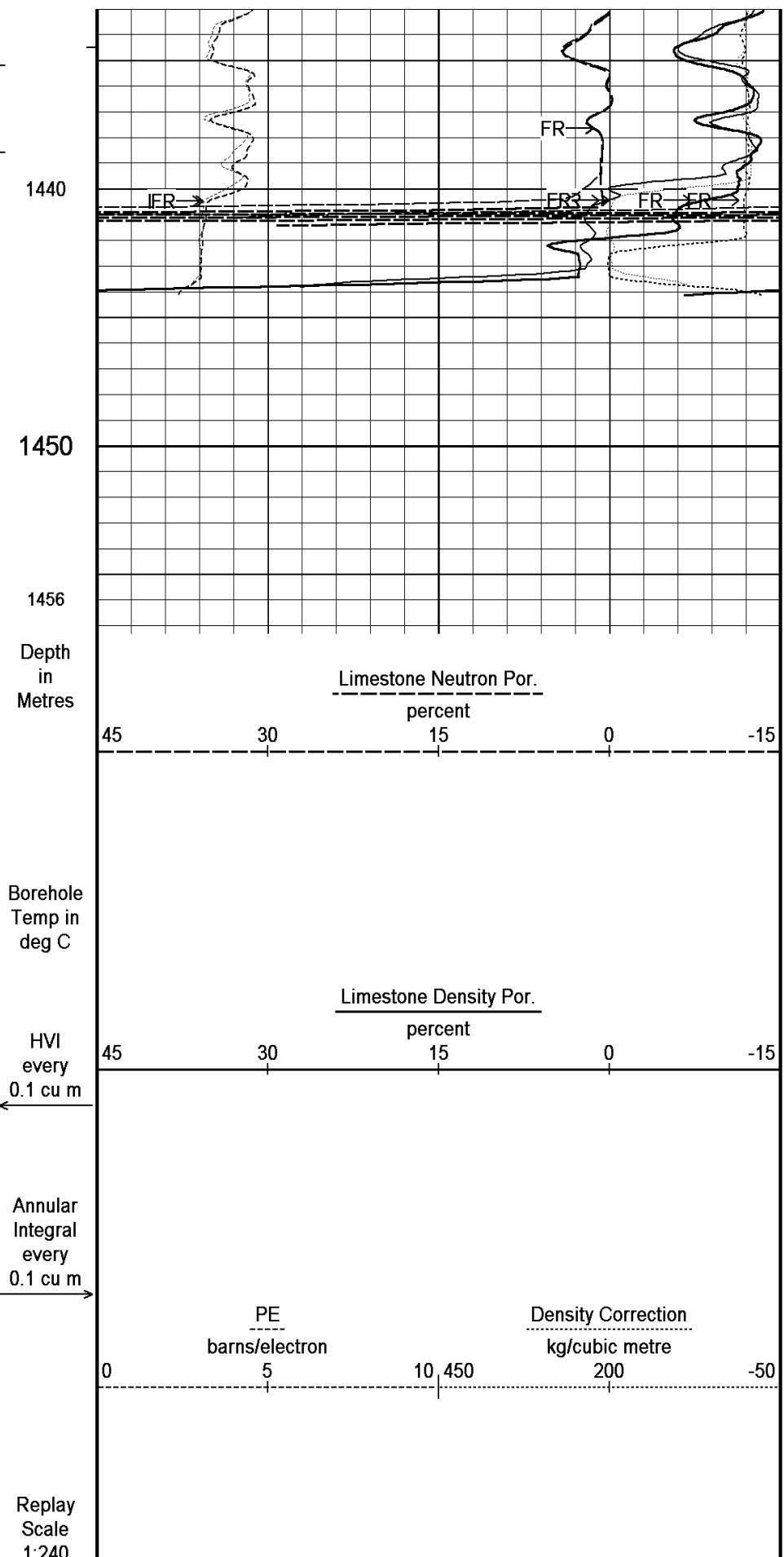
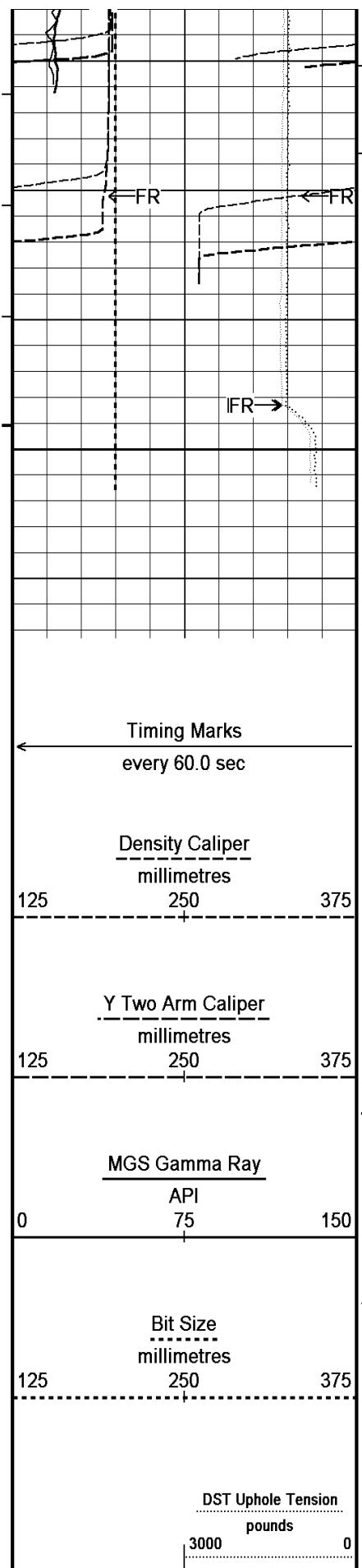
LIMESTONE MAIN LOG

↑

LIMESTONE REPEAT LIMESTONE MAIN LOG	
Depth Based Data - Maximum Sampling Increment 10.0cm	Plotted on 12-NOV-2007 11:22
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Filename: C:\Temp\Weatherford PreView\0\l-73 main.dta	Recorded on 28-FEB-2007 02:28
System Versions: Logged with 7.01.0195 Processed with 7.01.0195 Plotted with 8.01.0091	



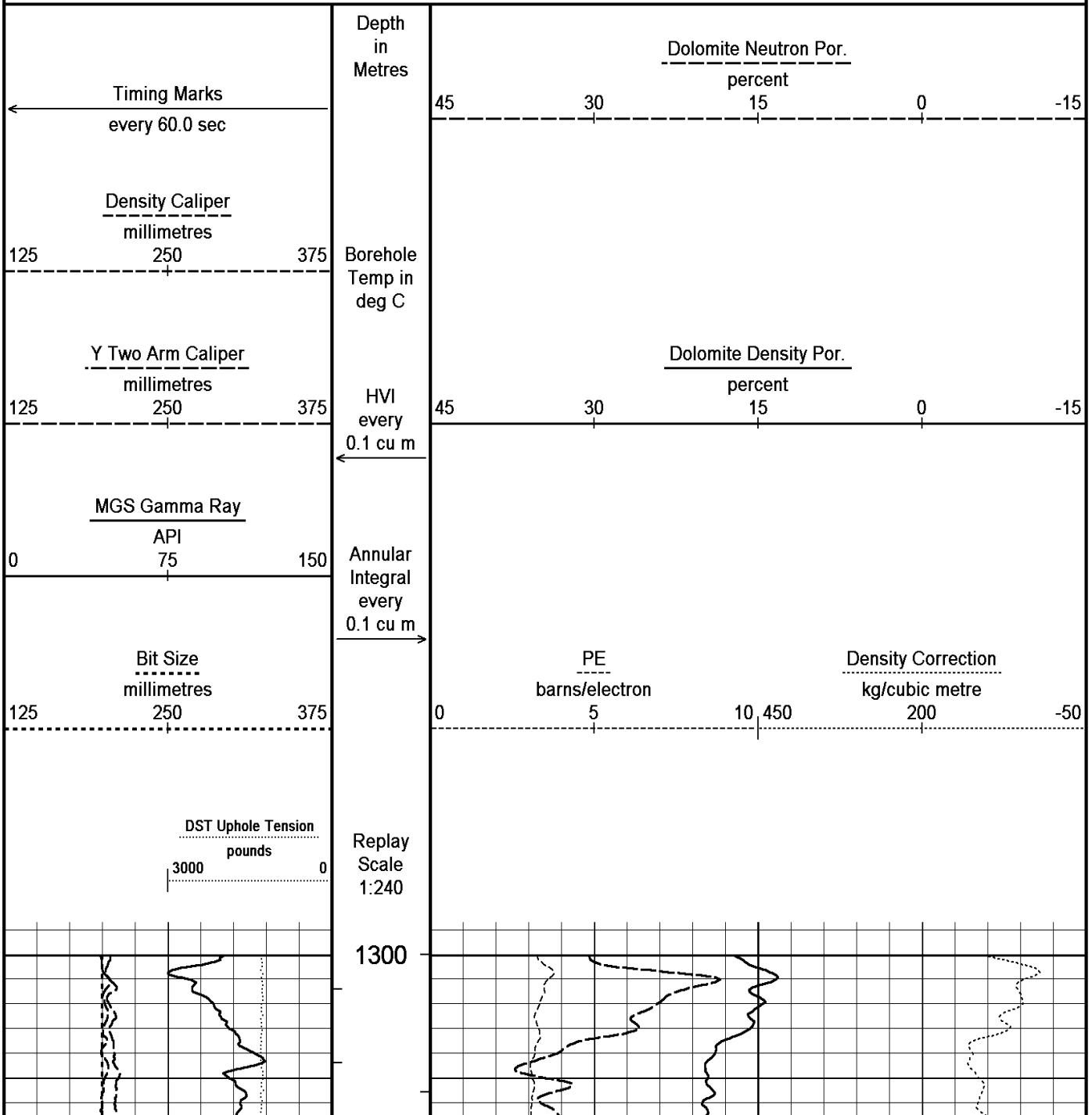


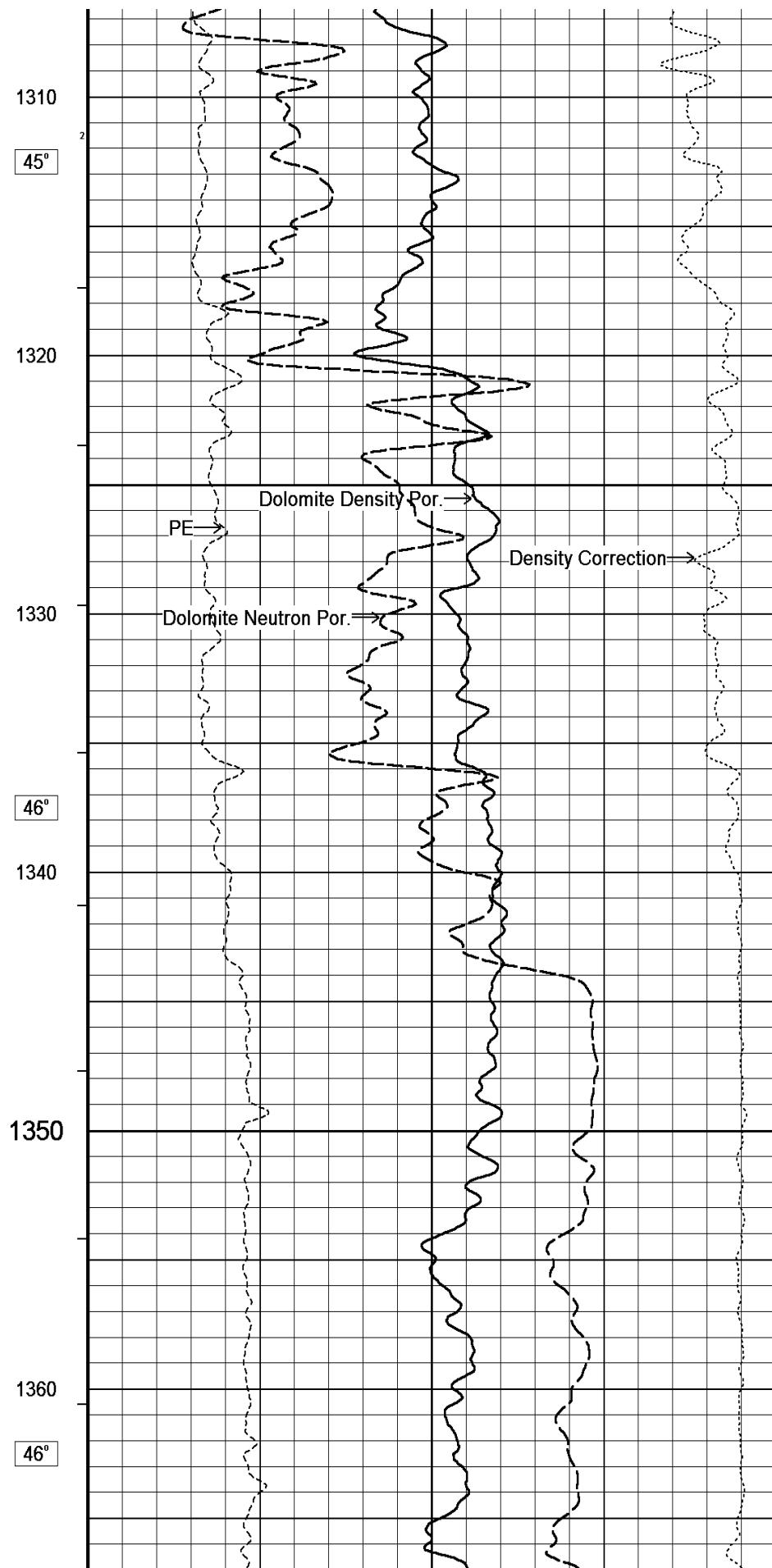
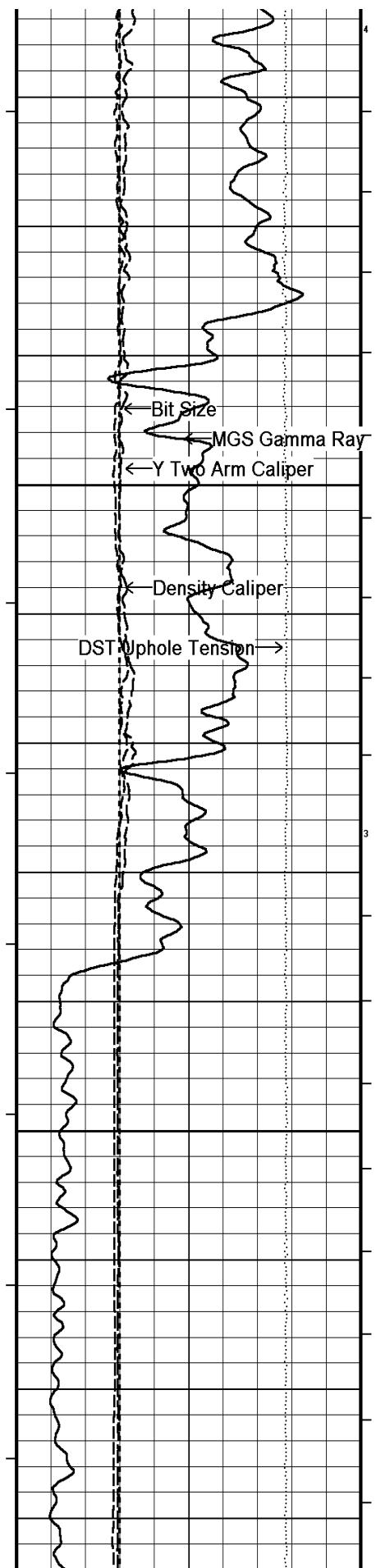


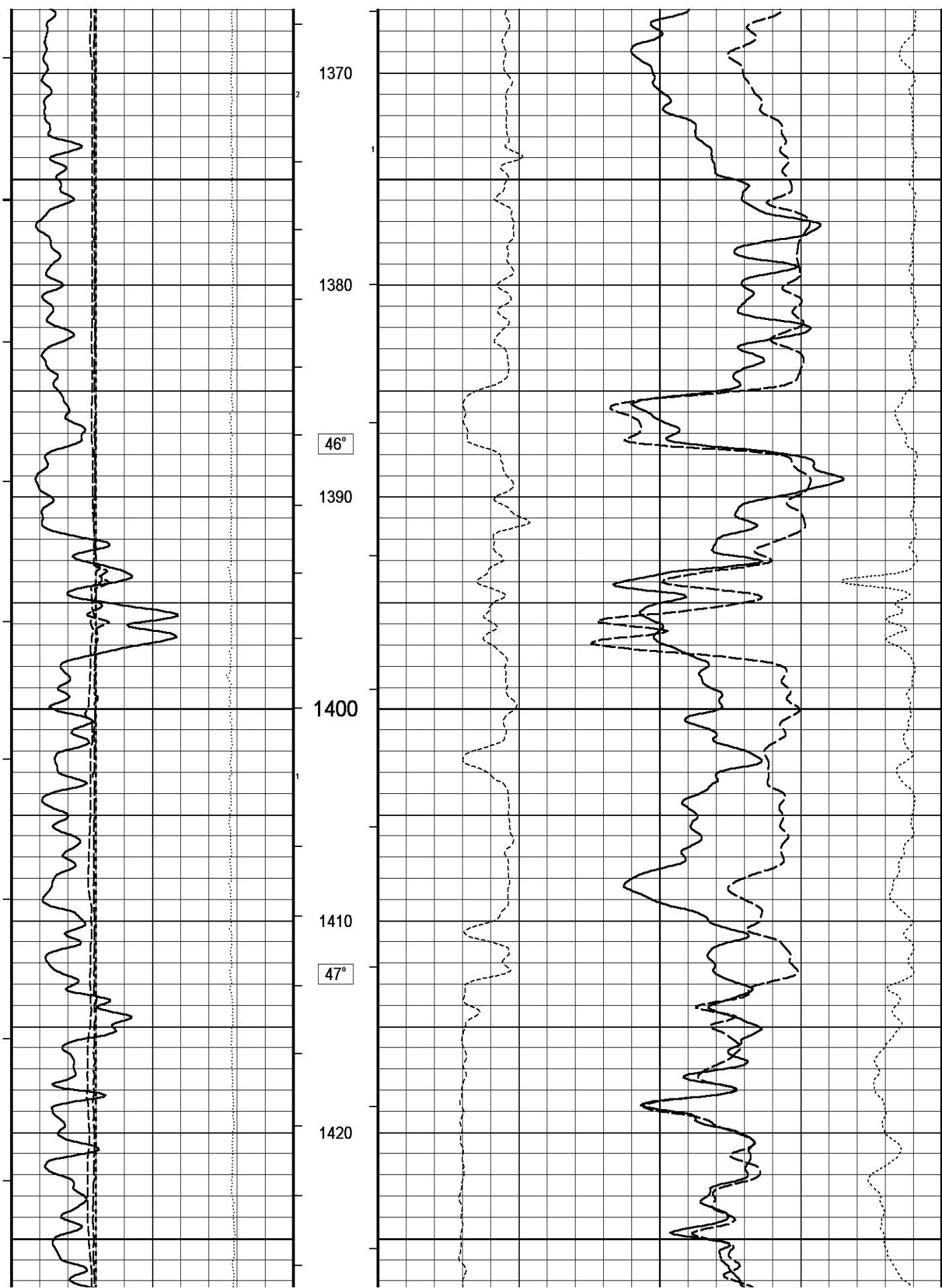
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System Versions: Logged with 7.01.0195 Processed with 7.01.0195 Plotted with 8.01.0091

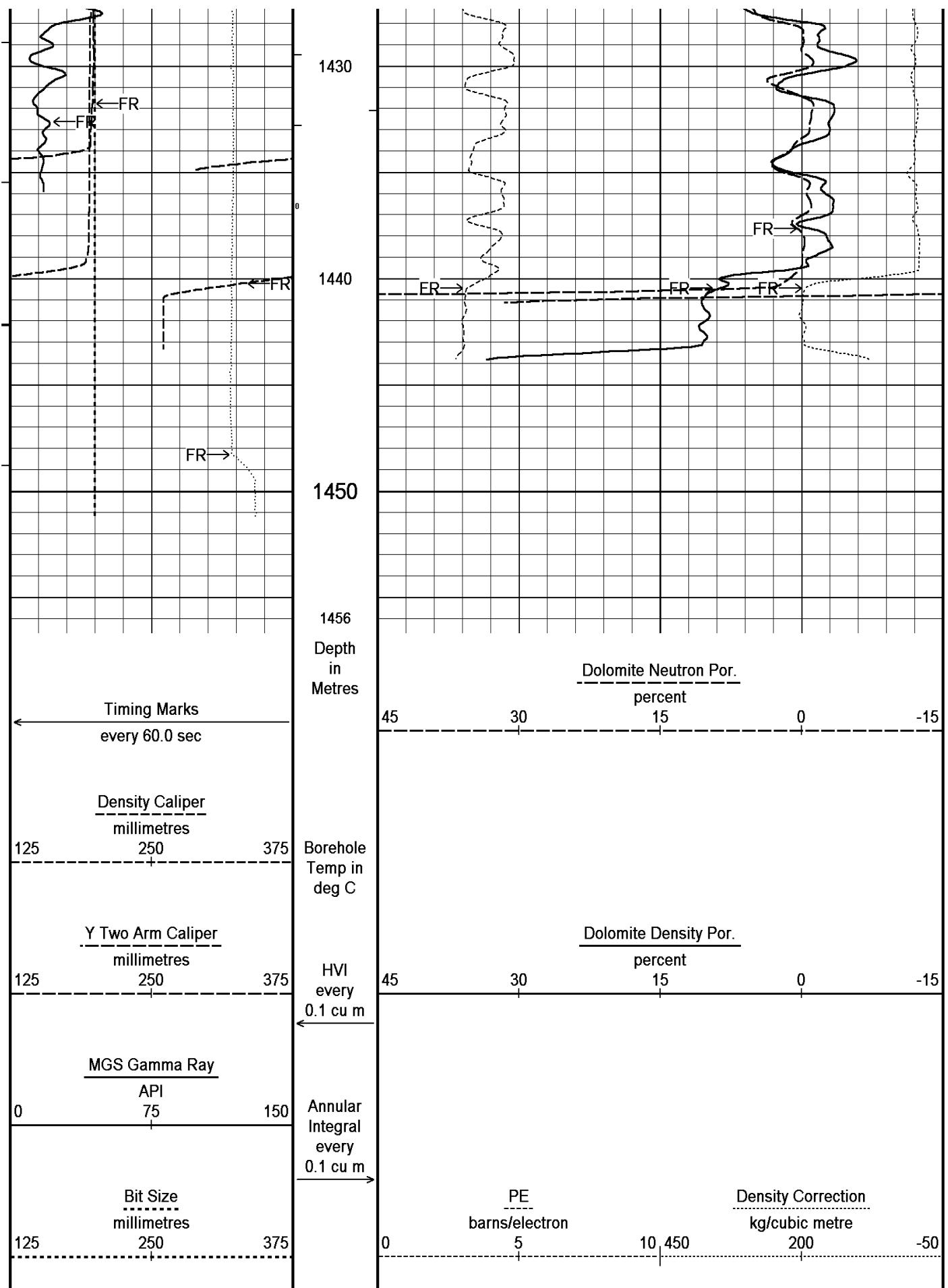
↑ LIMESTONE REPEAT
LIMESTONE MAIN LOG ↑

↓ DOLOMITE MAIN LOG ↓
Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 12-NOV-2007 11:22
Filename: C:\Temp\Weatherford PreView\0\l-73 main.dta
Recorded on 28-FEB-2007 02:28
System Versions: Logged with 7.01.0195 Processed with 7.01.0195 Plotted with 8.01.0091









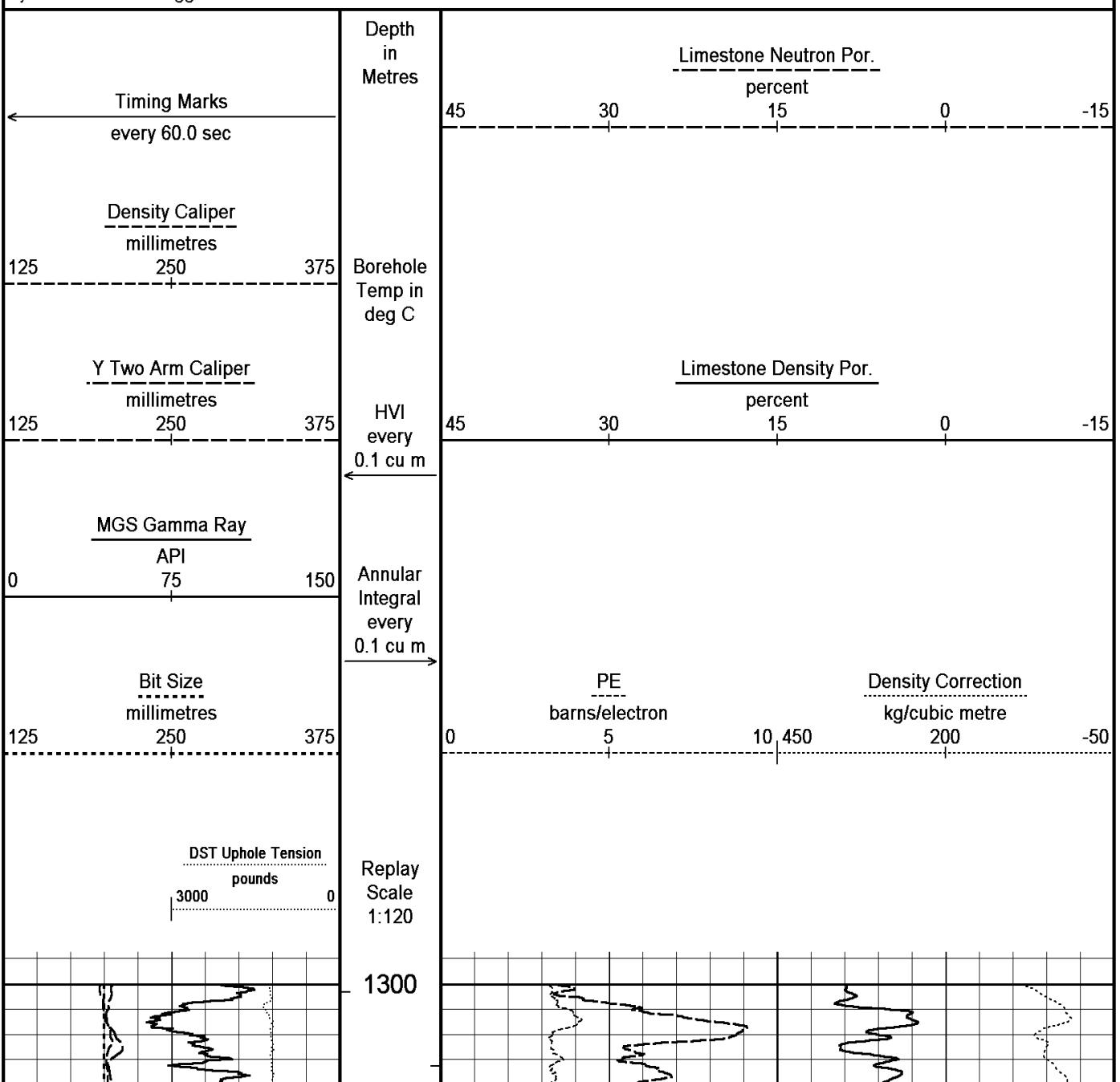
DST Uphole Tension
pounds
3000 0
Replay Scale
1:240

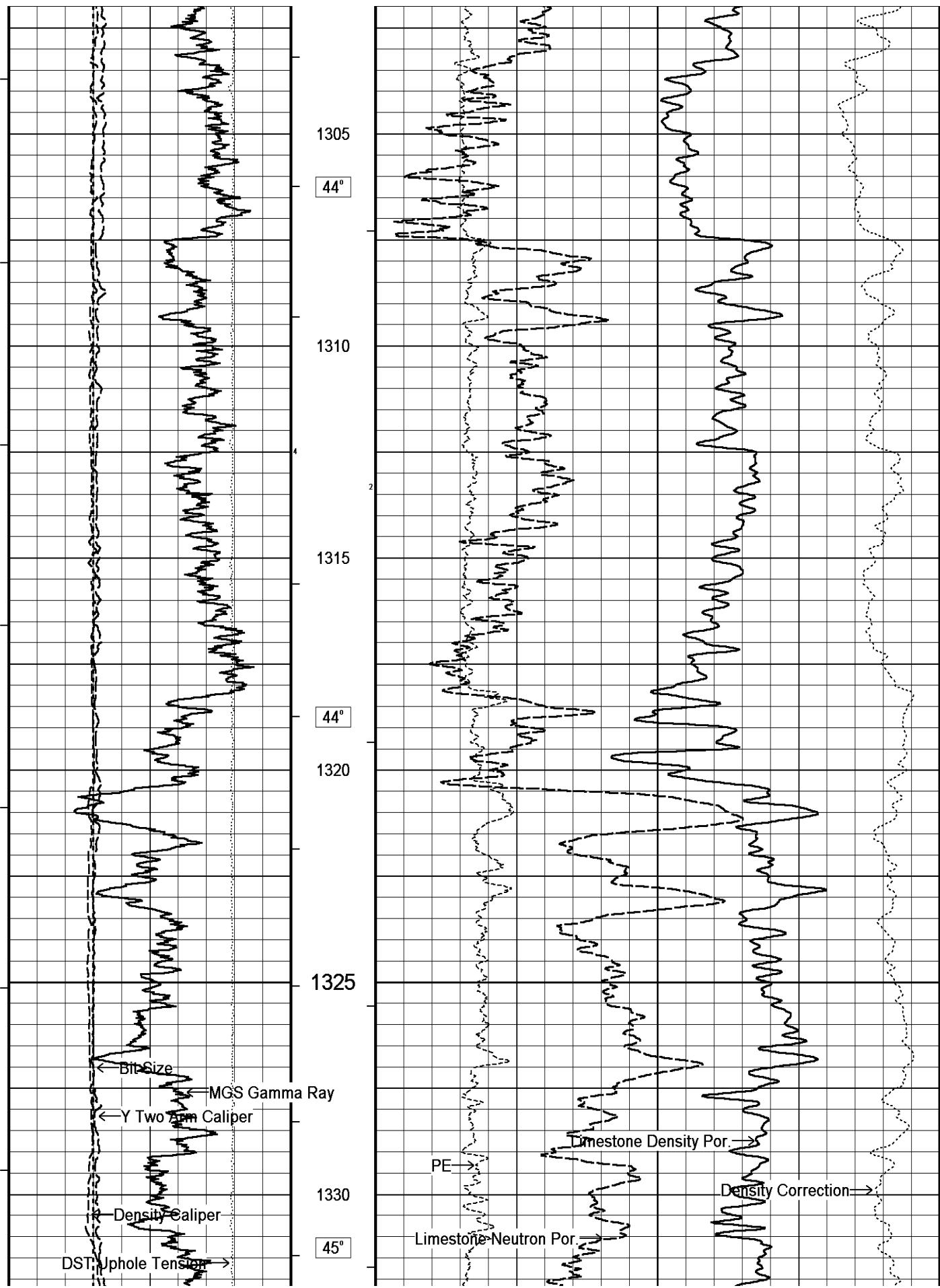
Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 12-NOV-2007 11:22
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Recorded on 28-FEB-2007 02:28
System Versions: Logged with 7.01.0195 Processed with 7.01.0195 Plotted with 8.01.0091

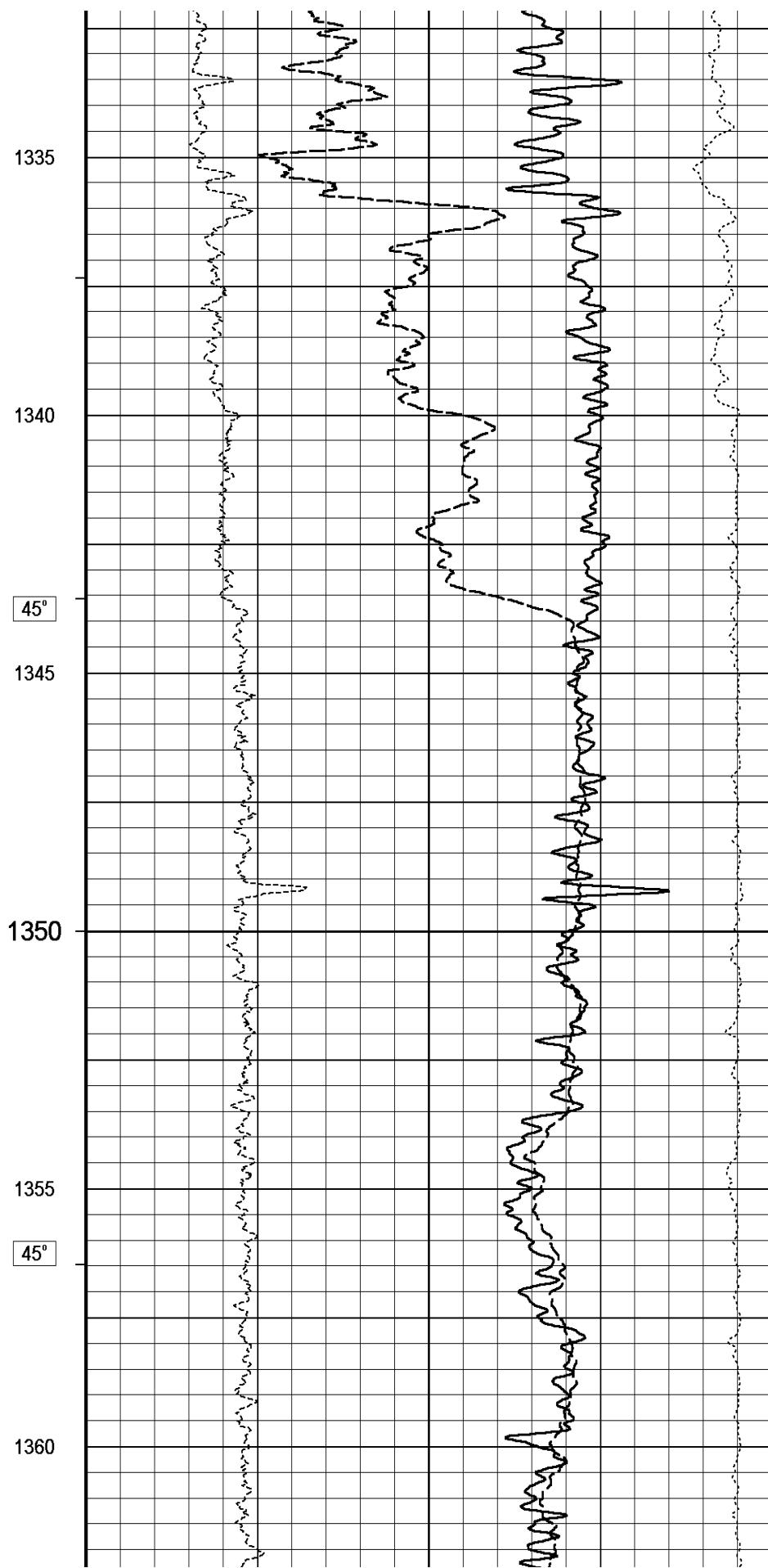
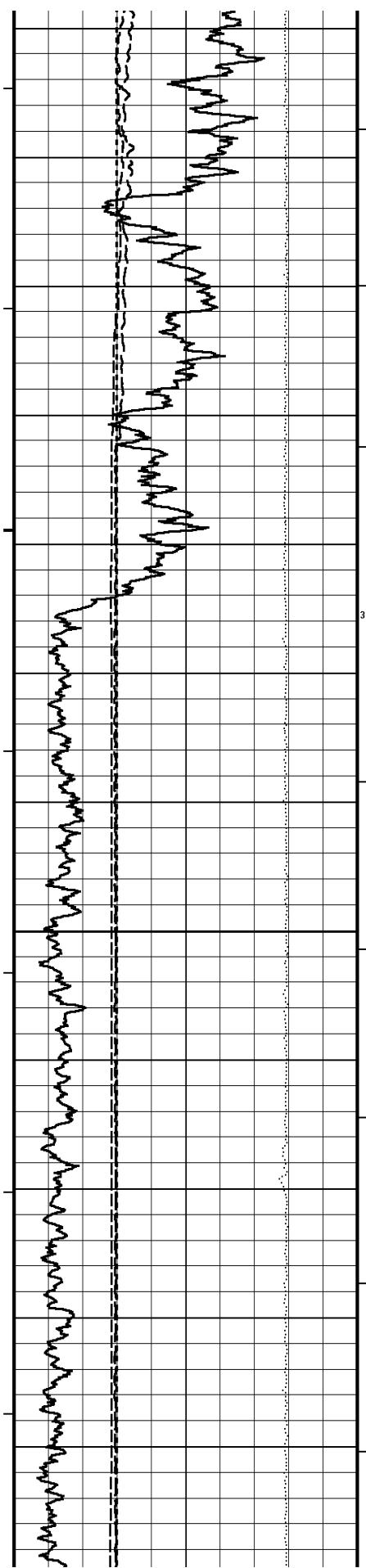
↑ DOLOMITE MAIN LOG ↑

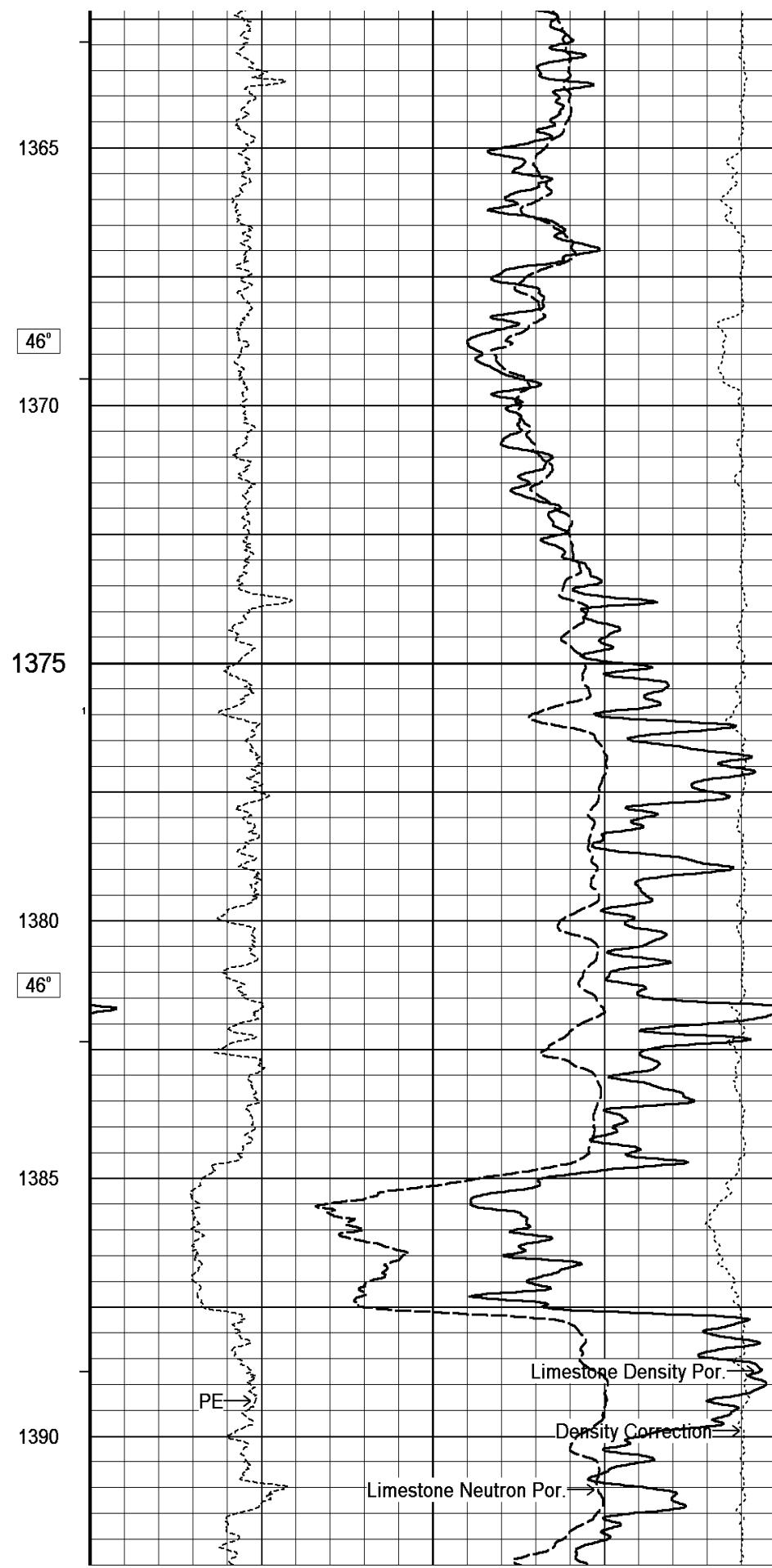
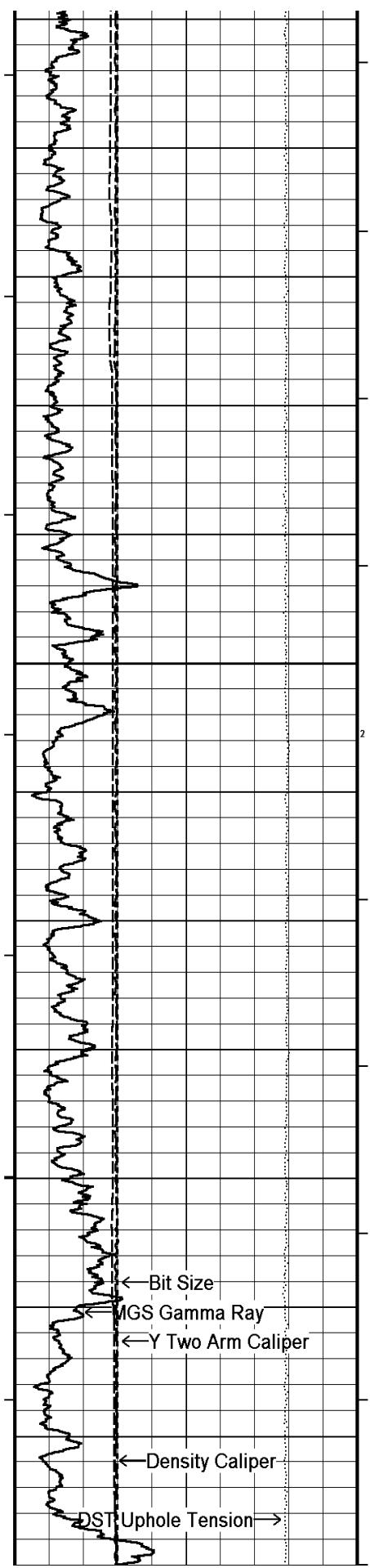
↓ LIMESTONE HIGH RESOLUTION ↓

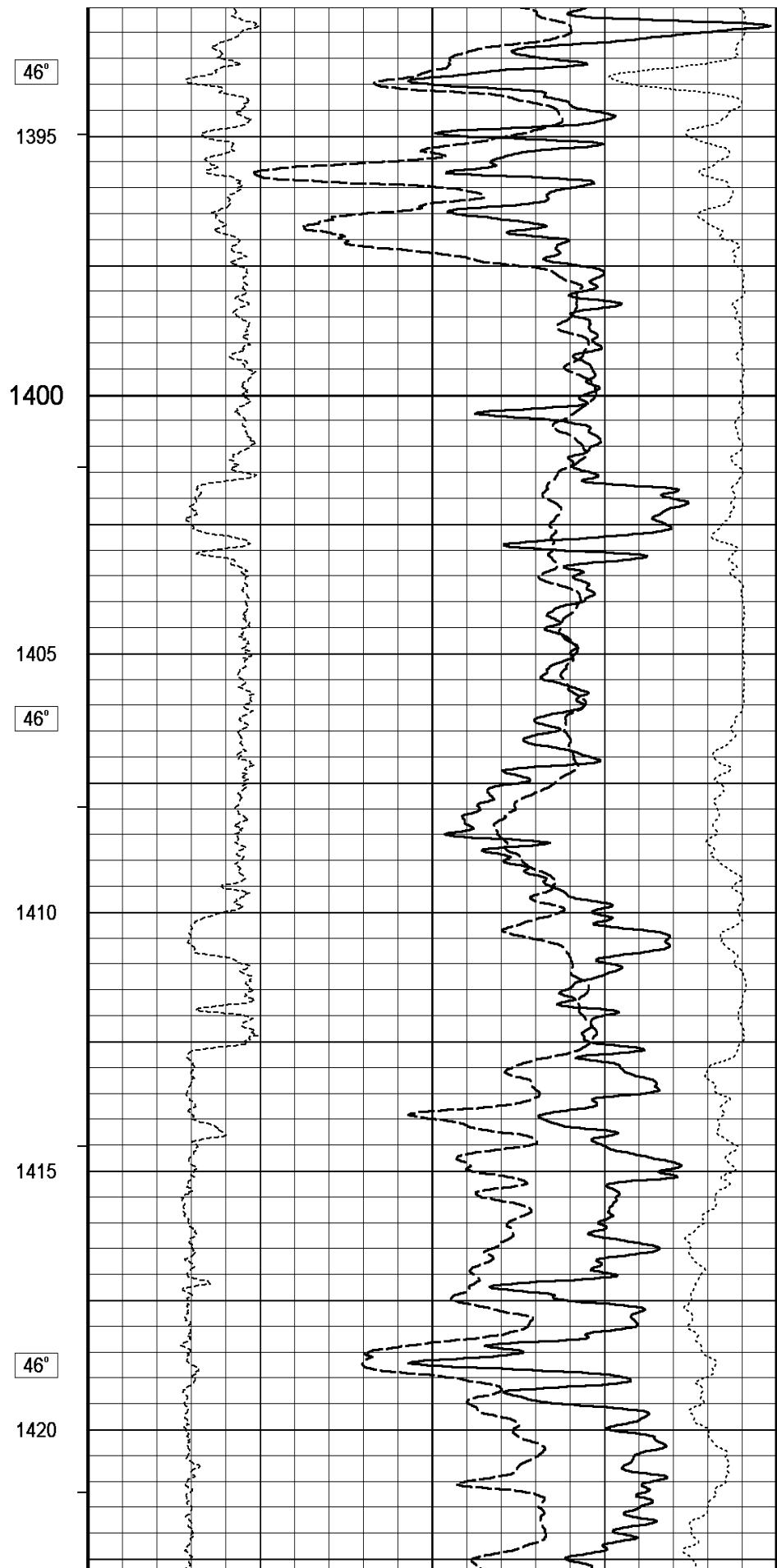
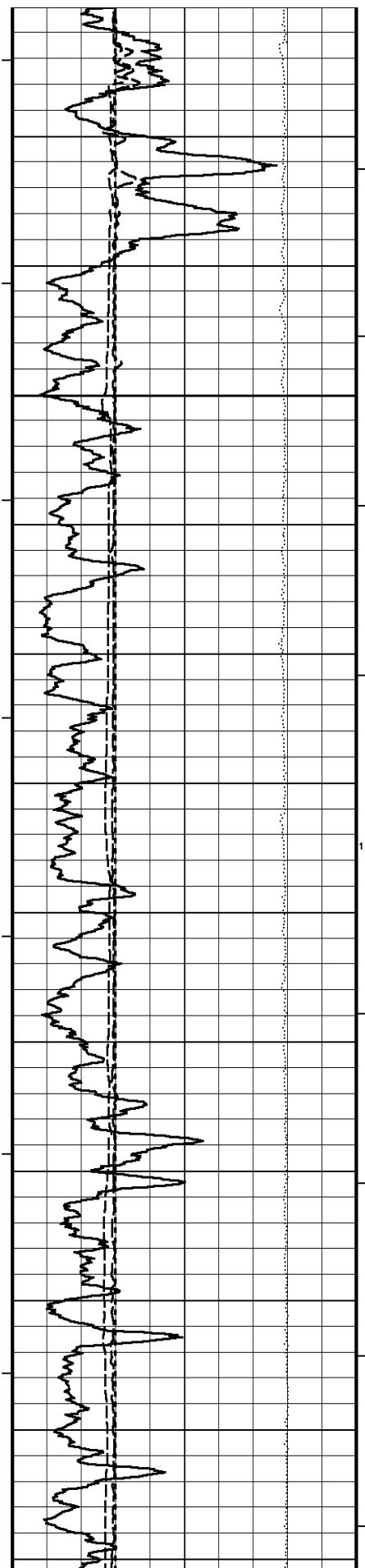
Depth Based Data - Maximum Sampling Increment 2.5cm
Plotted on 12-NOV-2007 11:22
Filename: C:\Temp\Weatherford PreView\0\L-73 hr.dta
Recorded on 28-FEB-2007 01:43
System Versions: Logged with 7.01.0195 Plotted with 8.01.0091

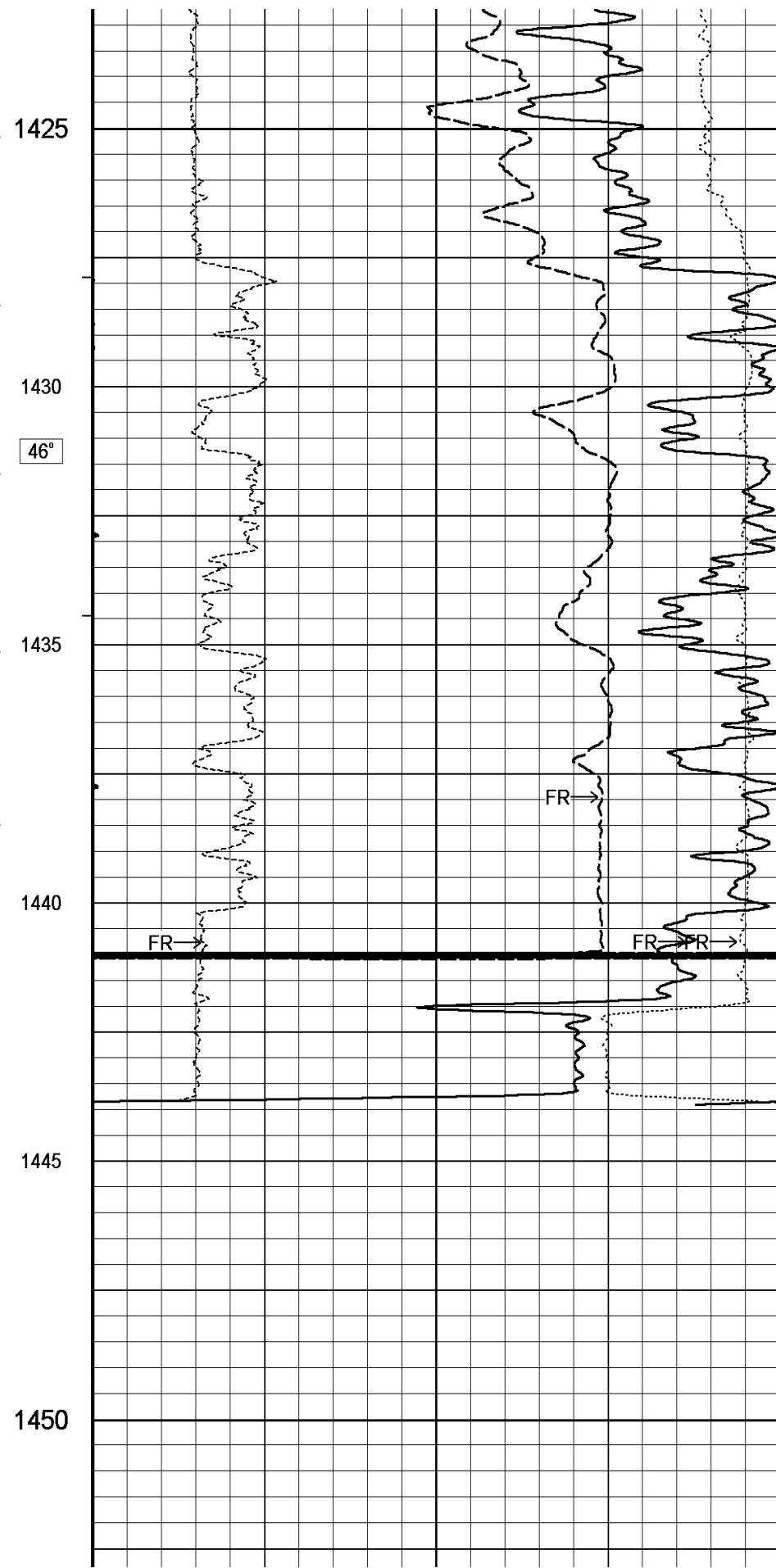
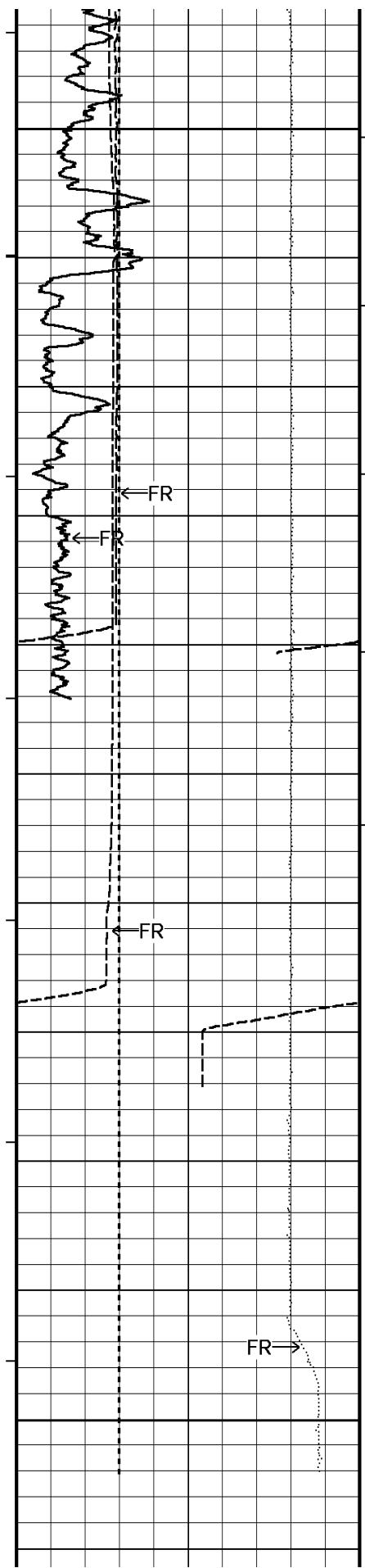


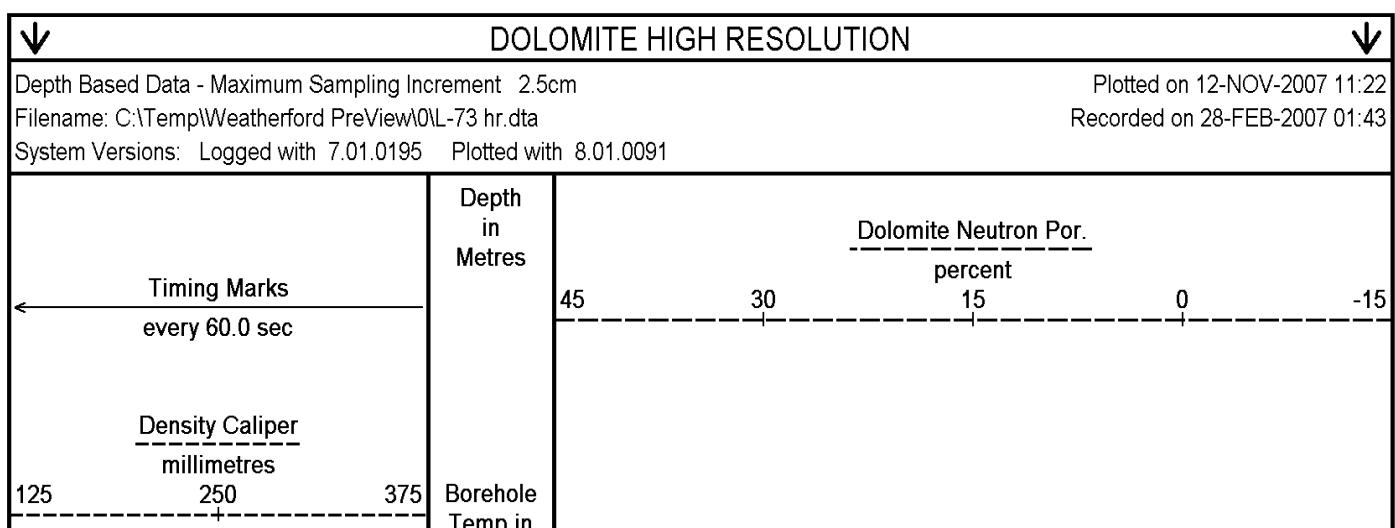
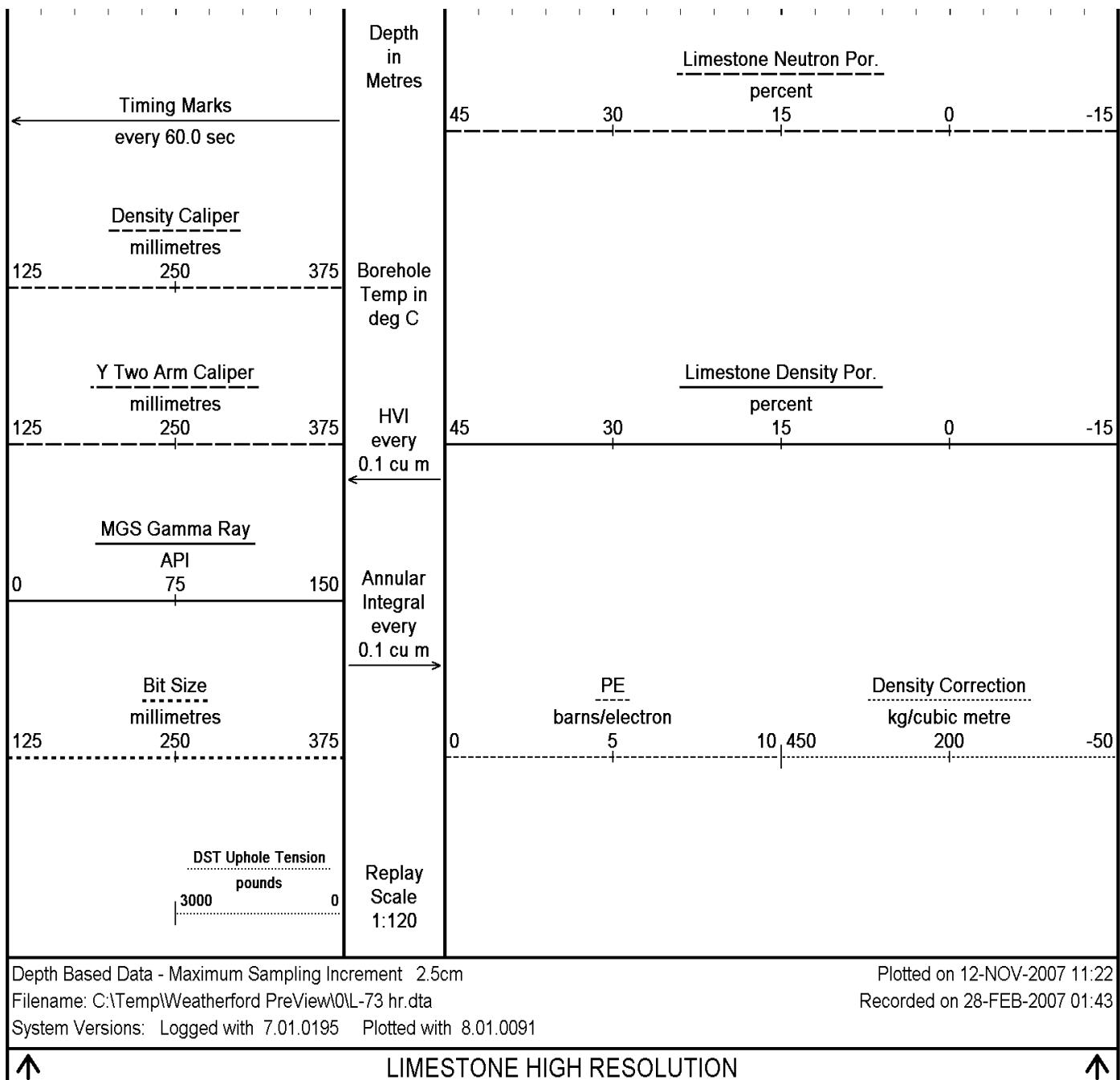


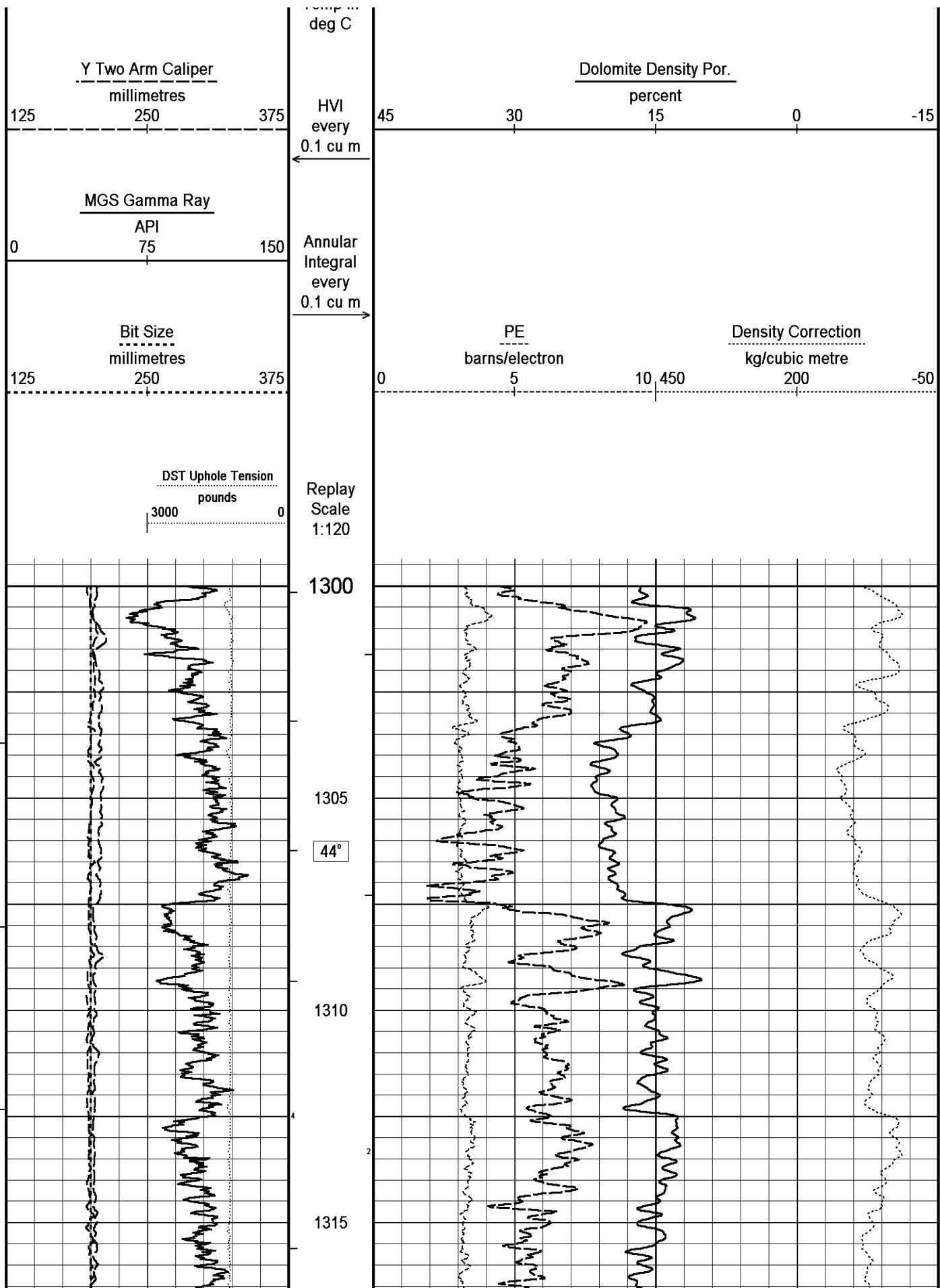


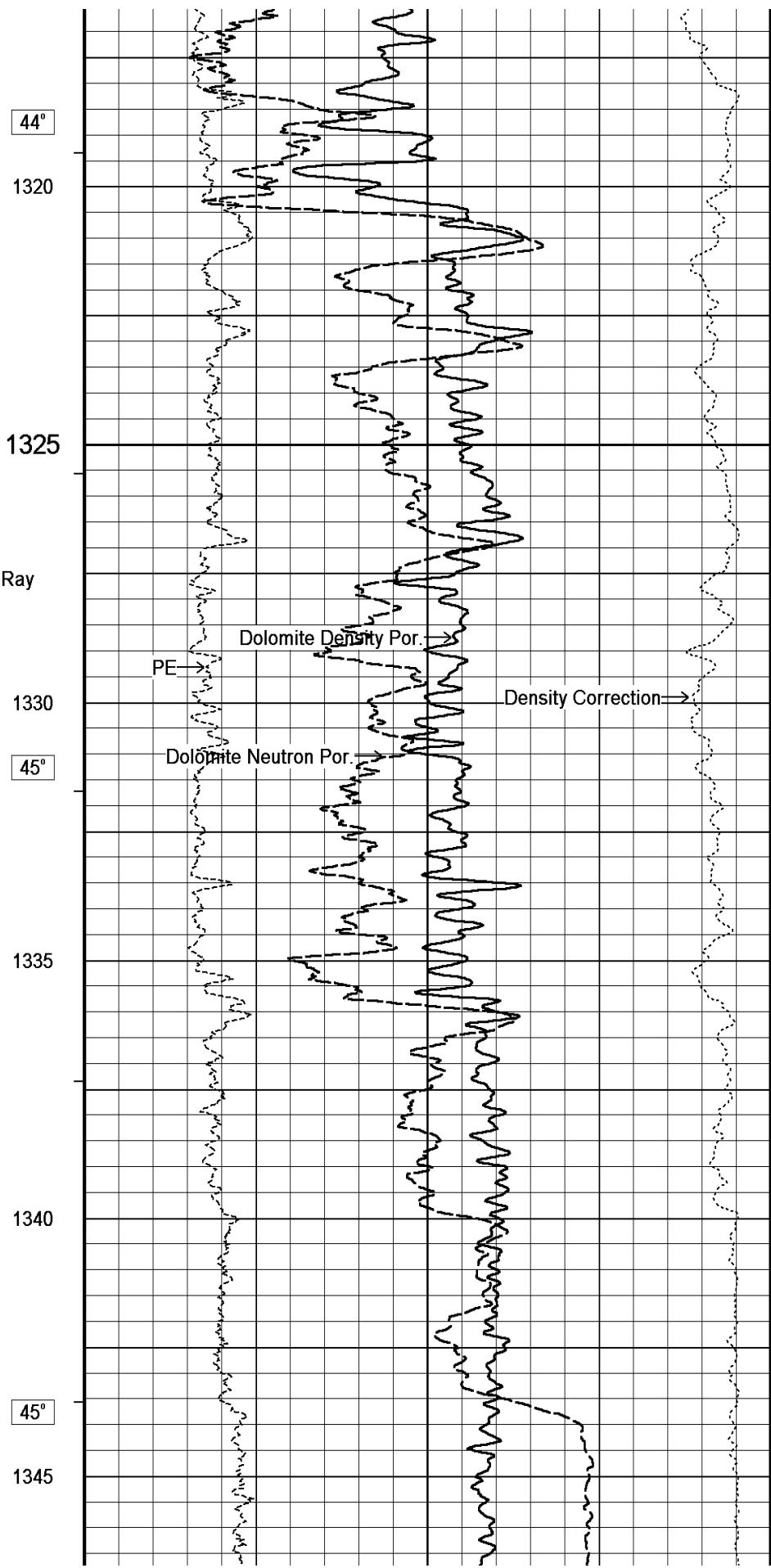
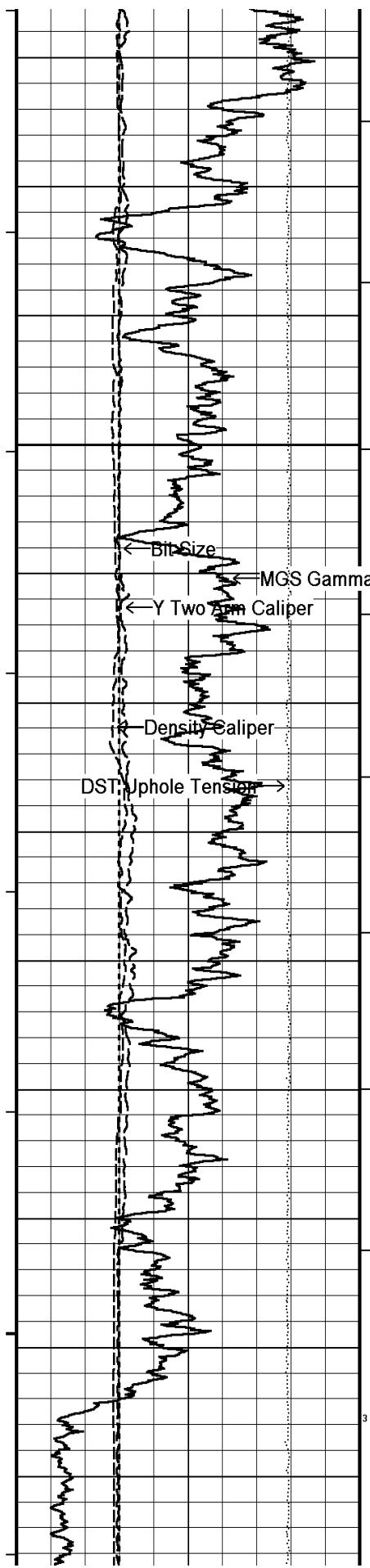


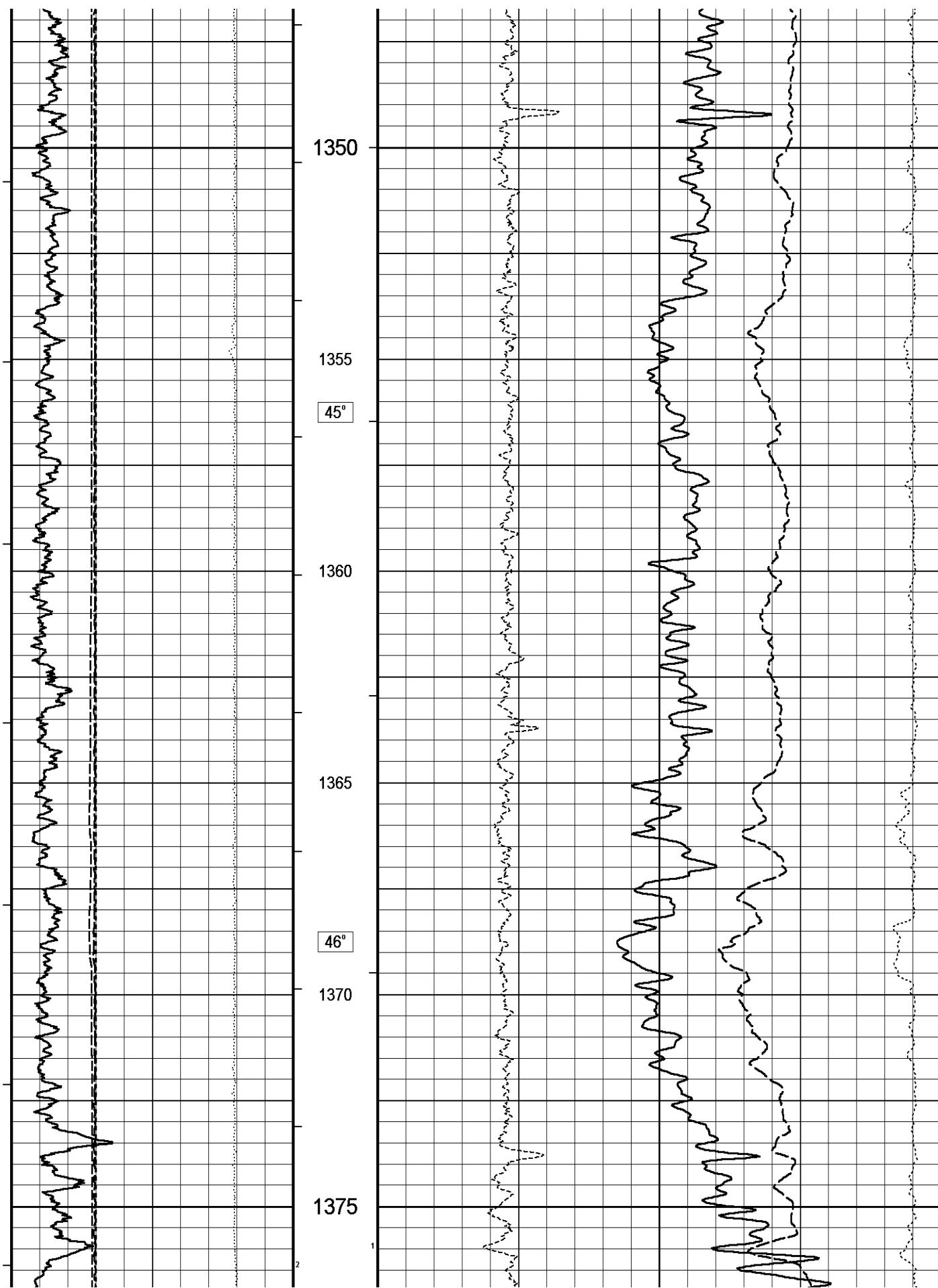


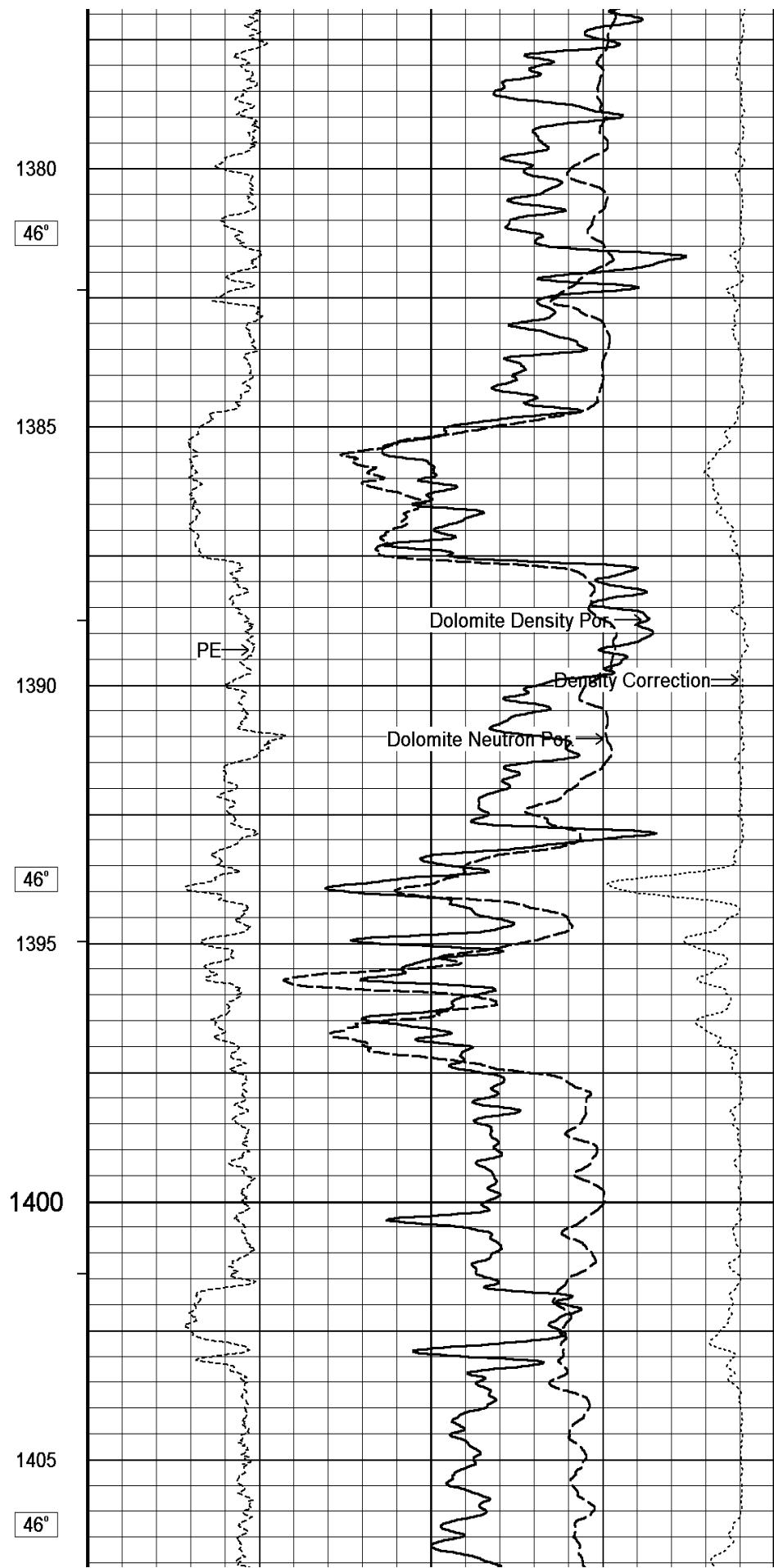
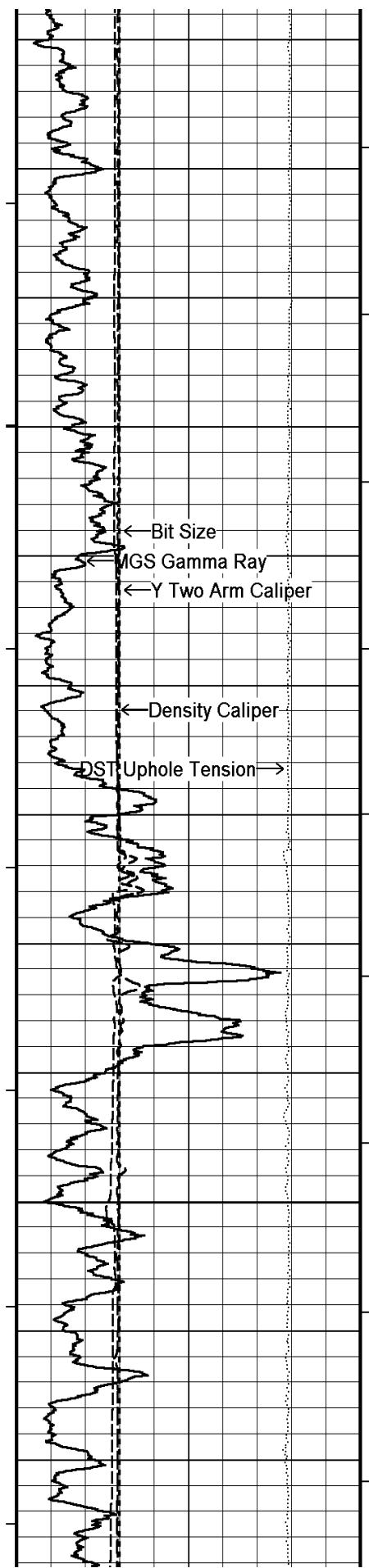


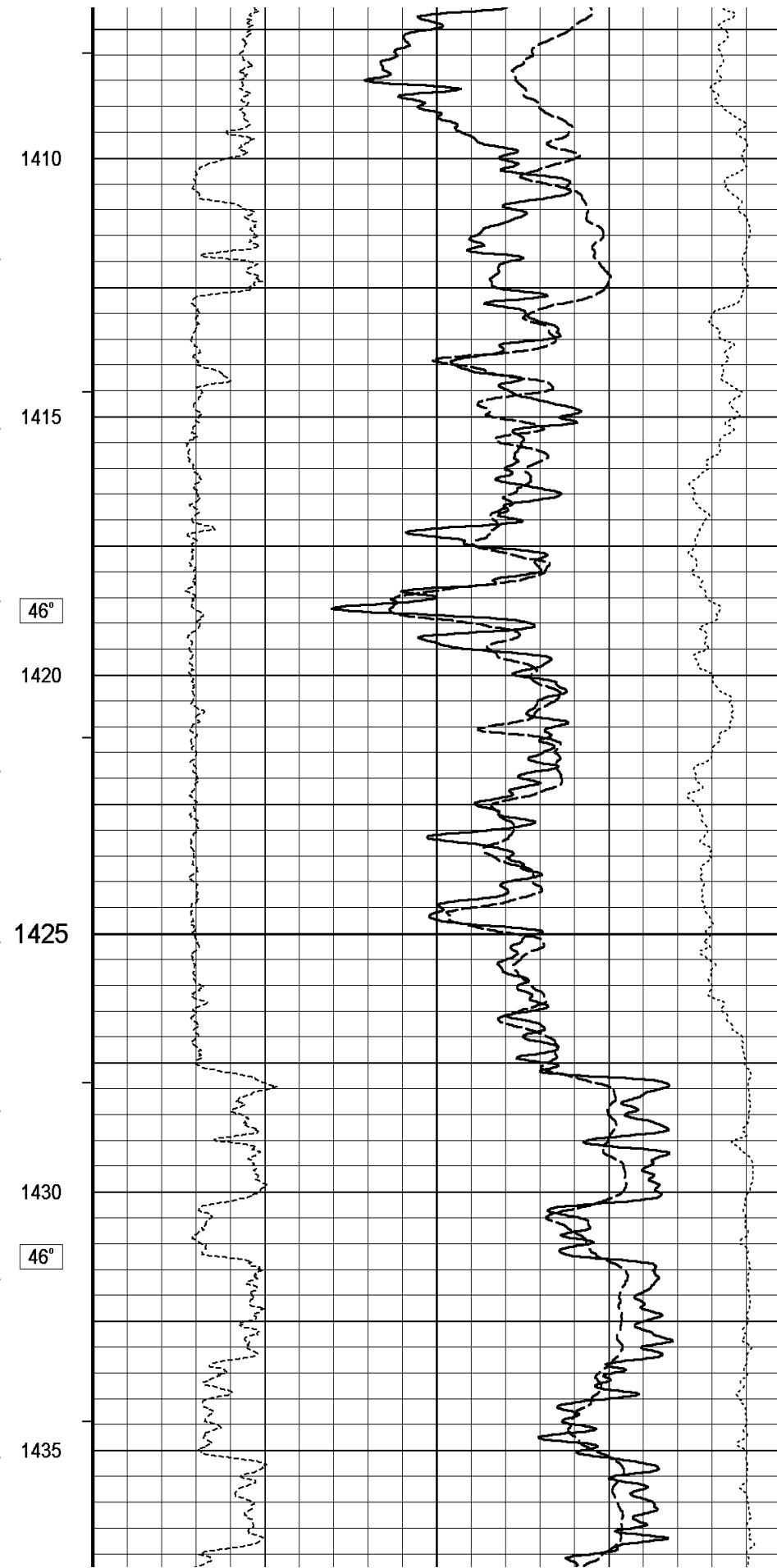
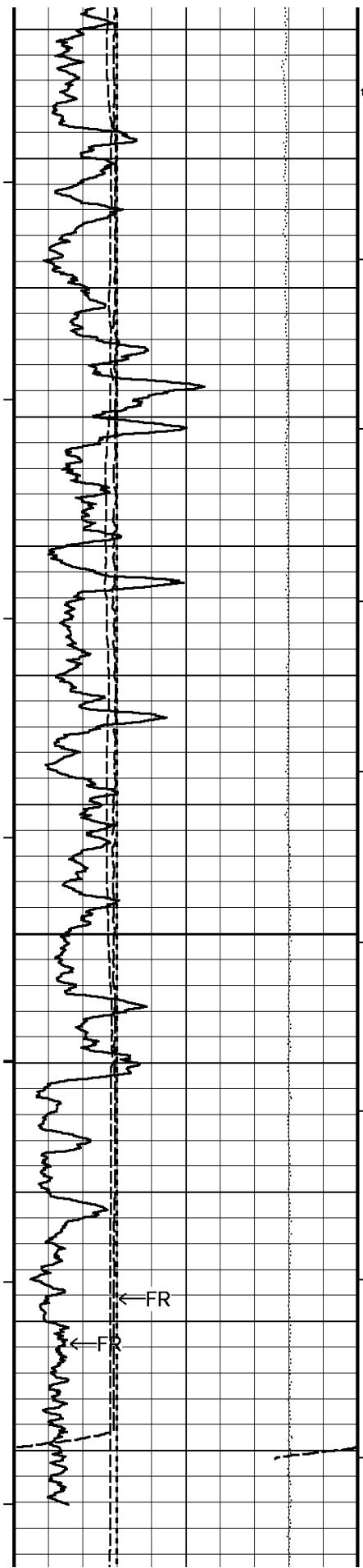


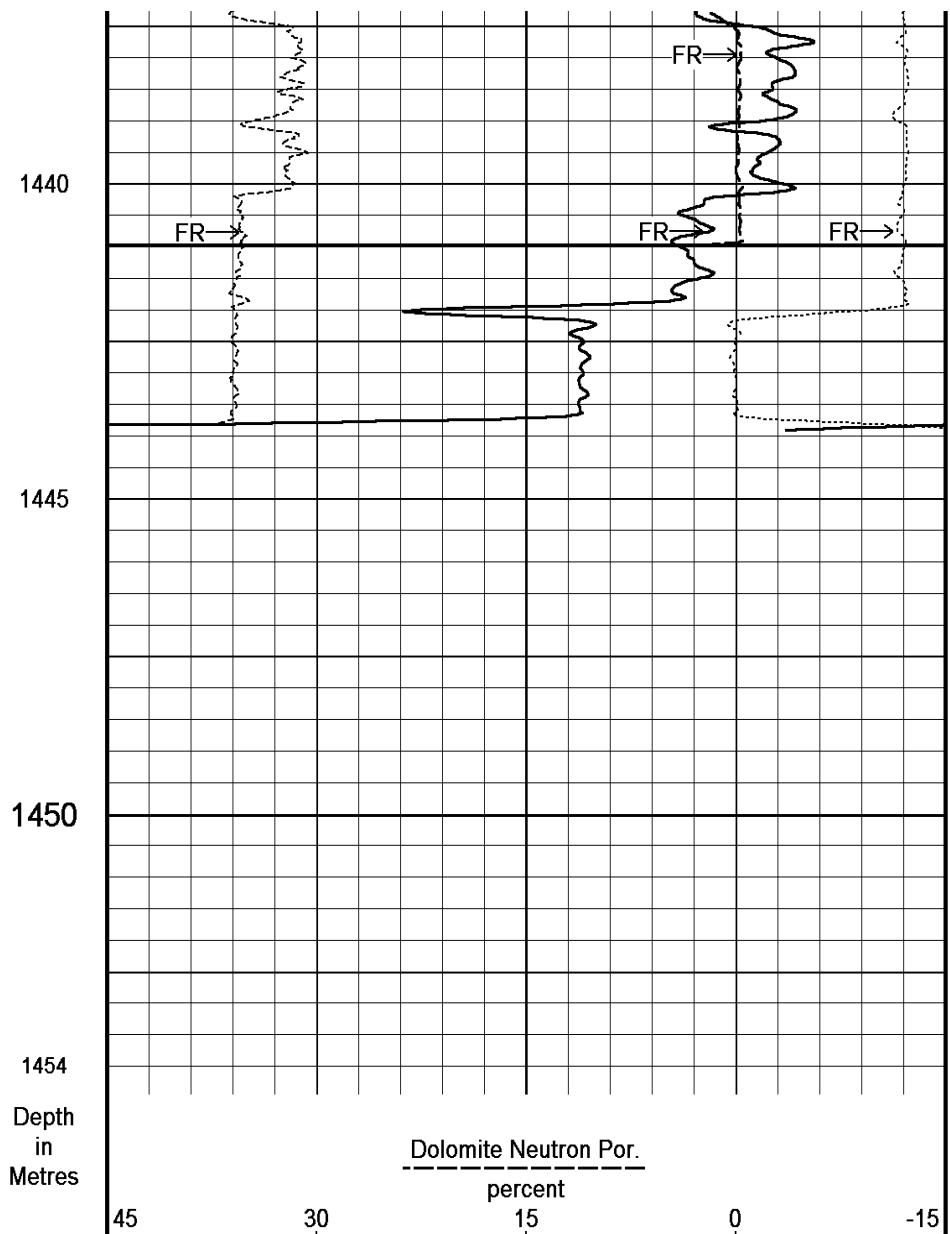
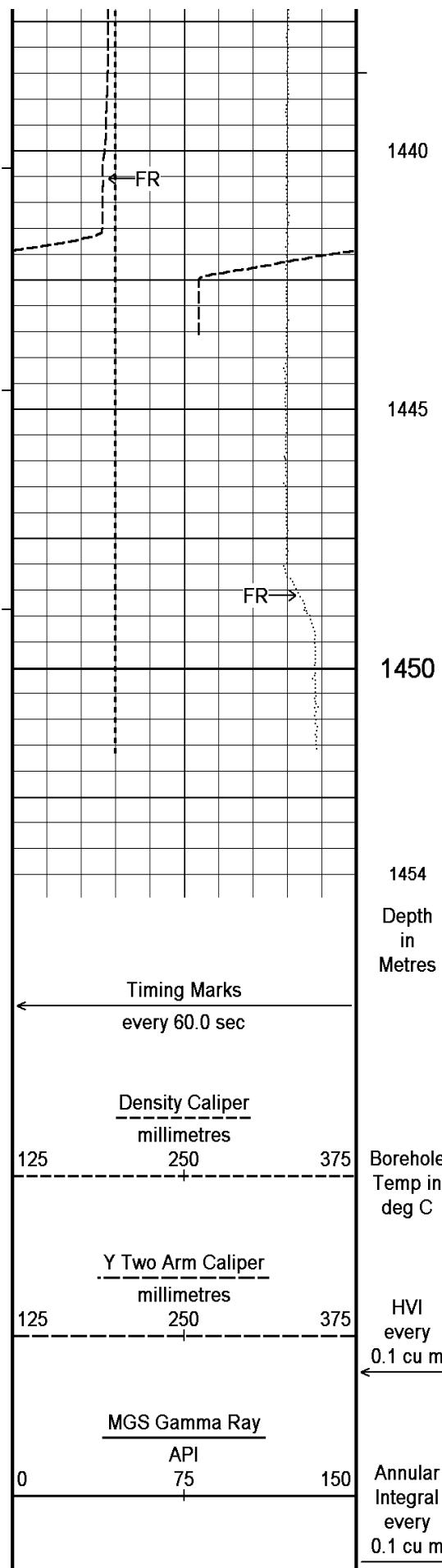


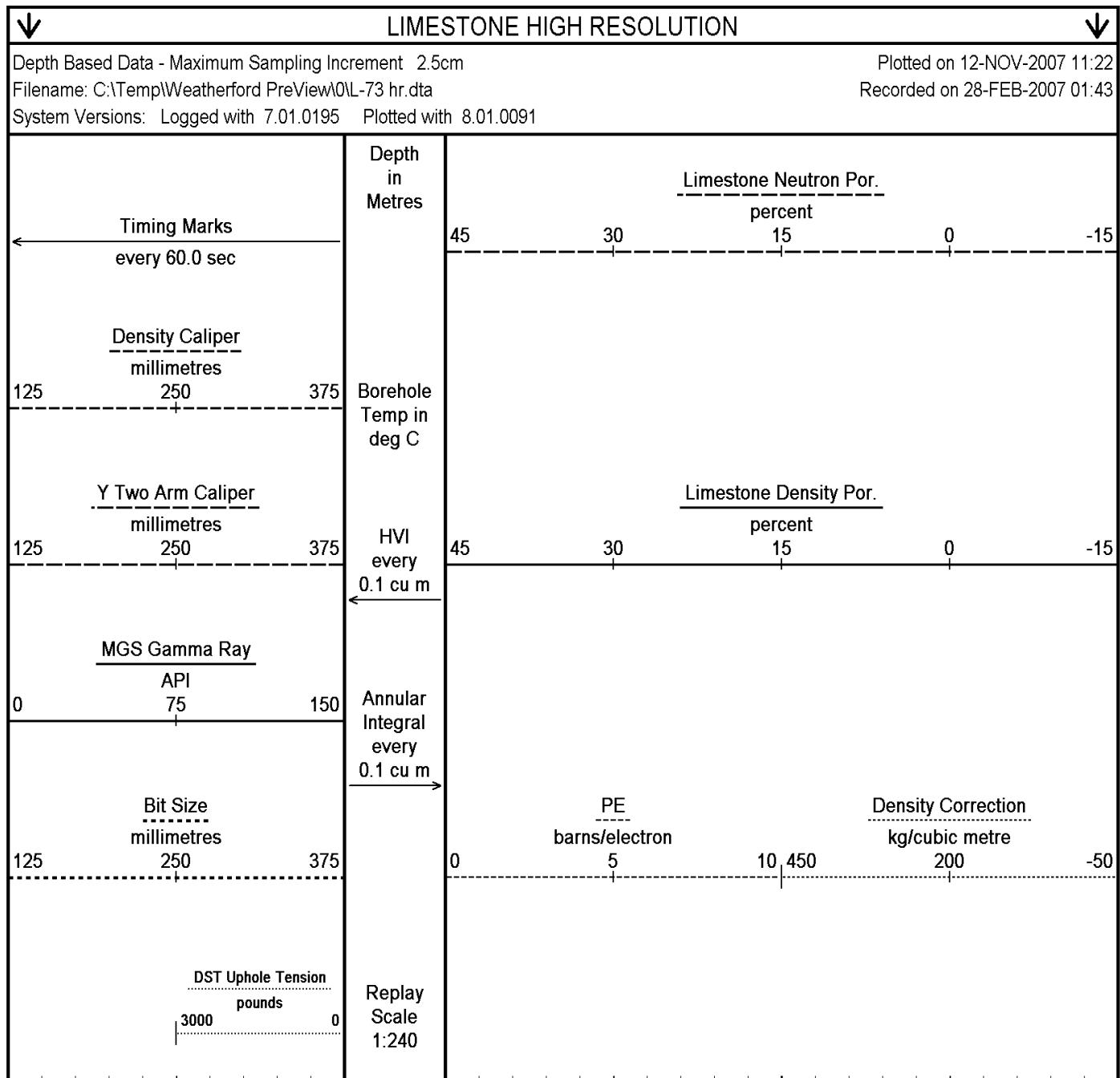
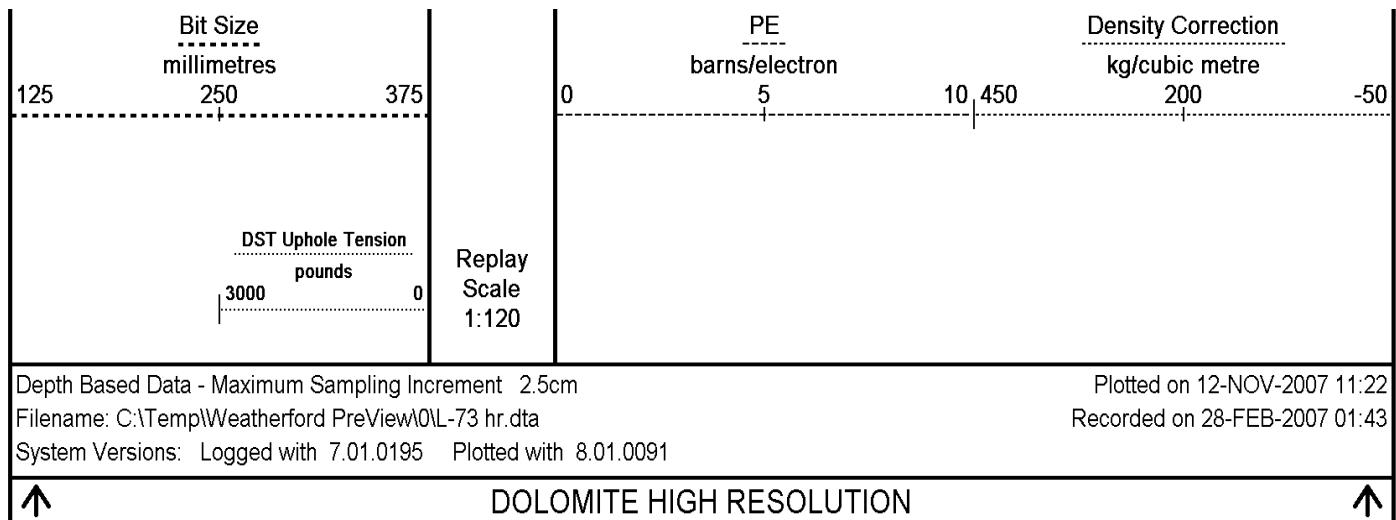


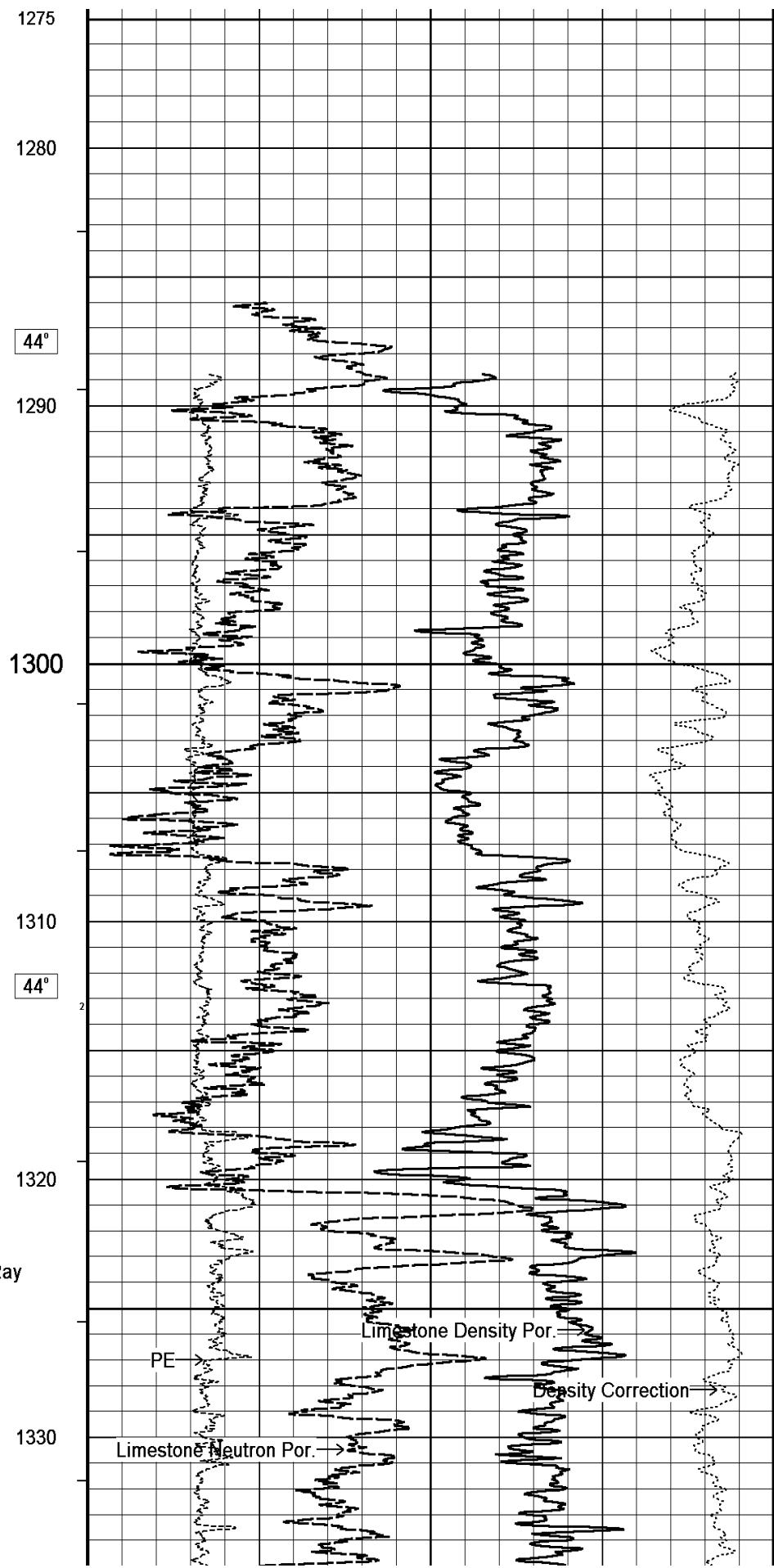
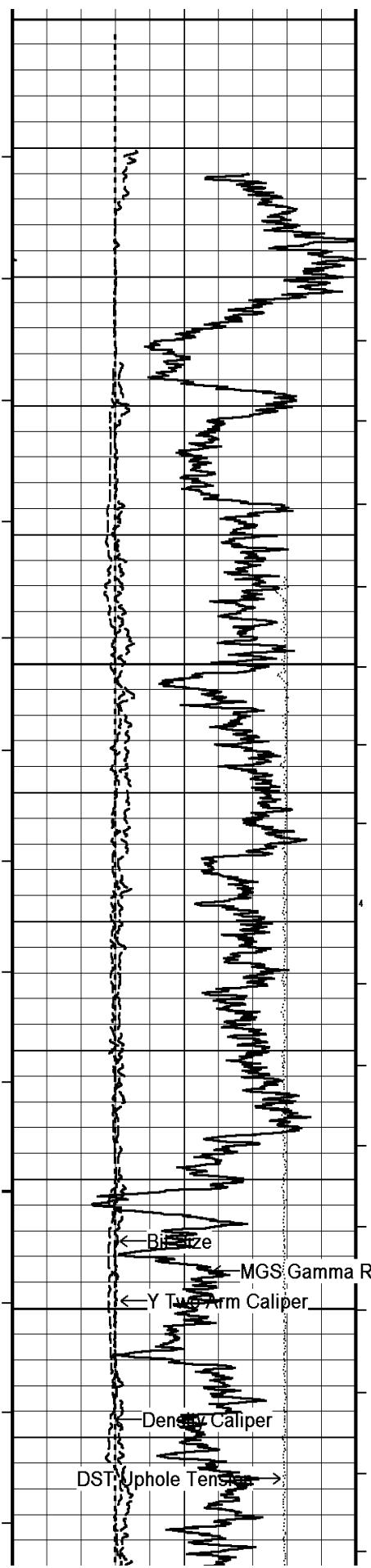


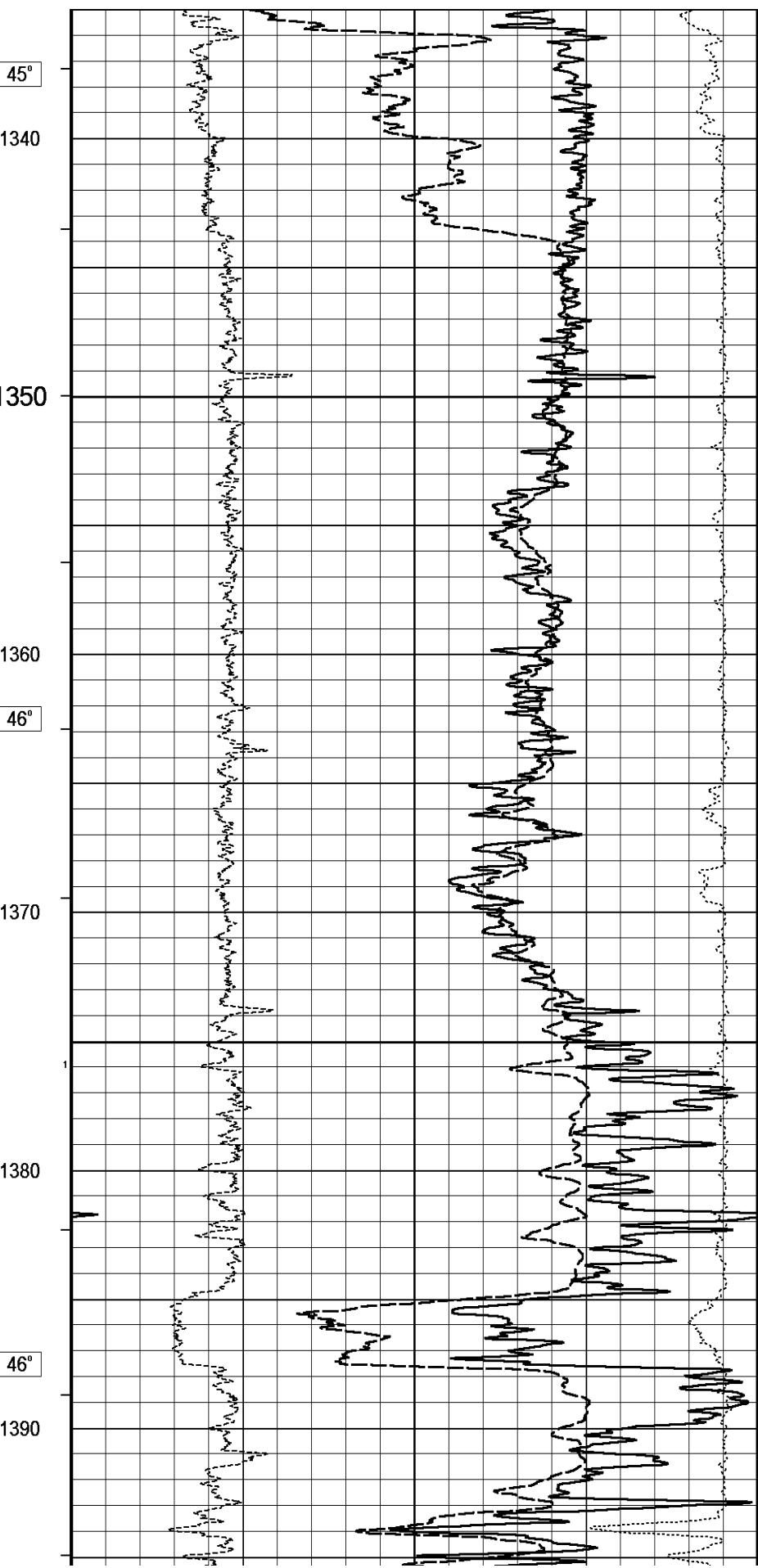
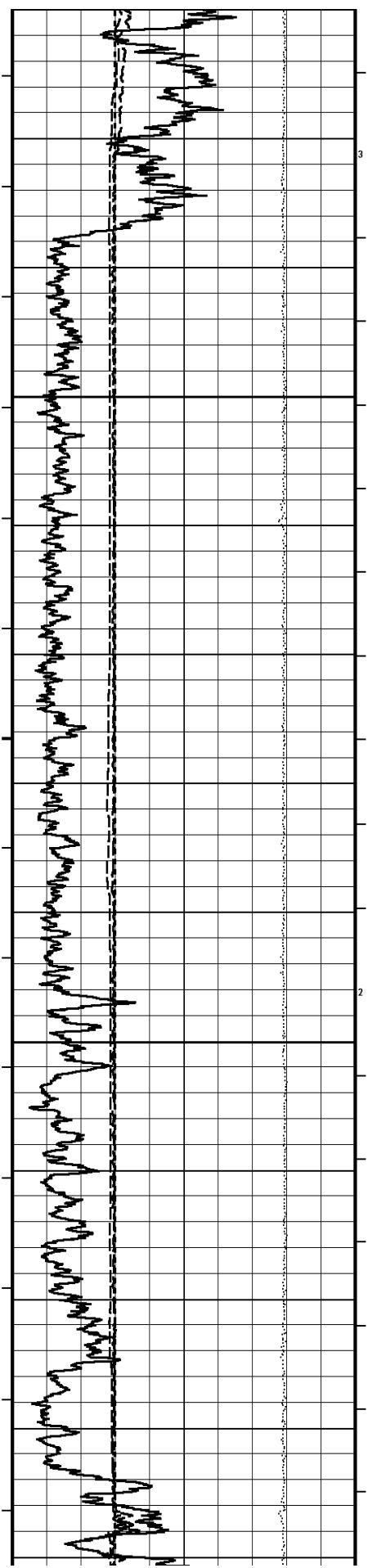


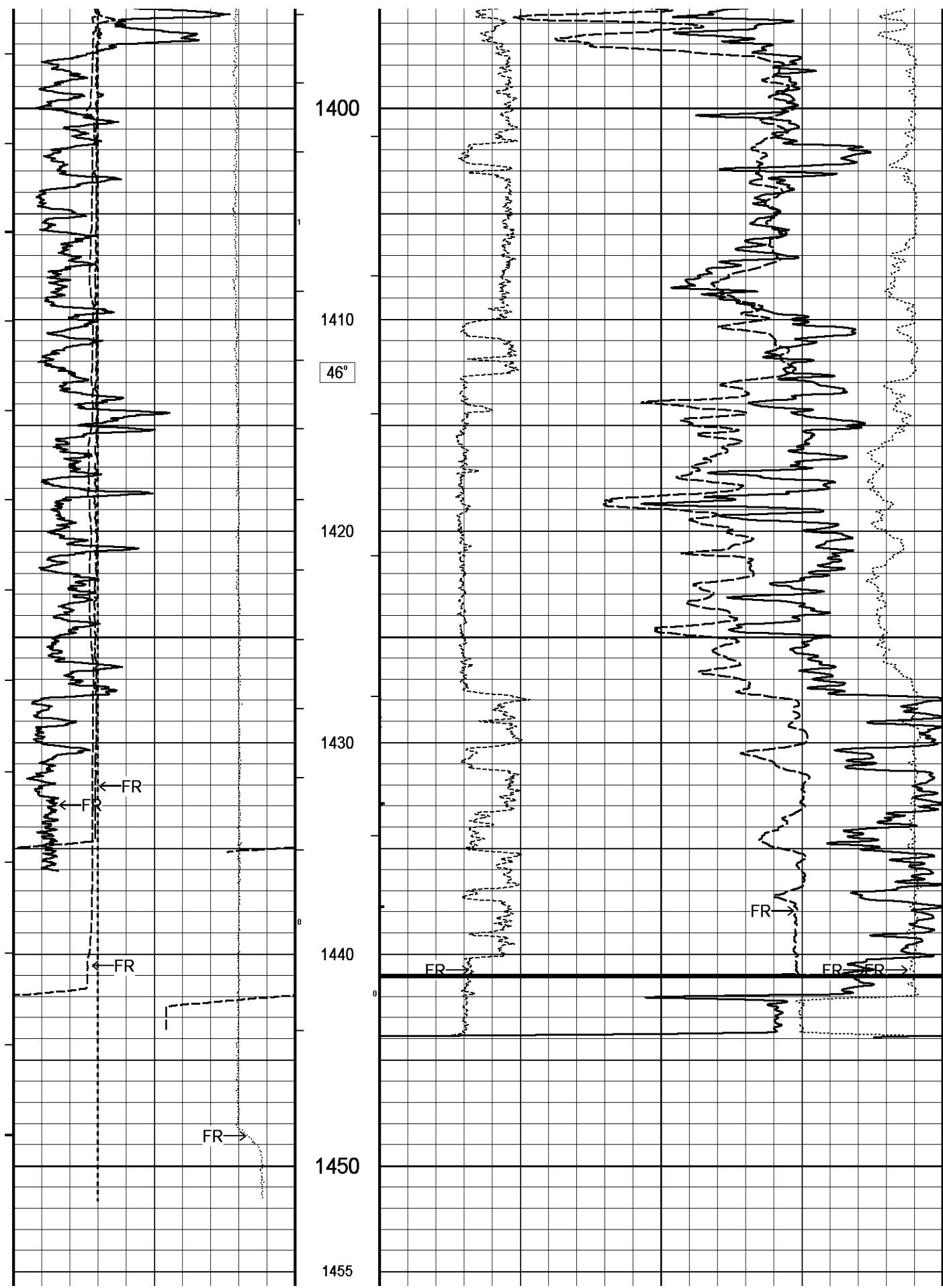


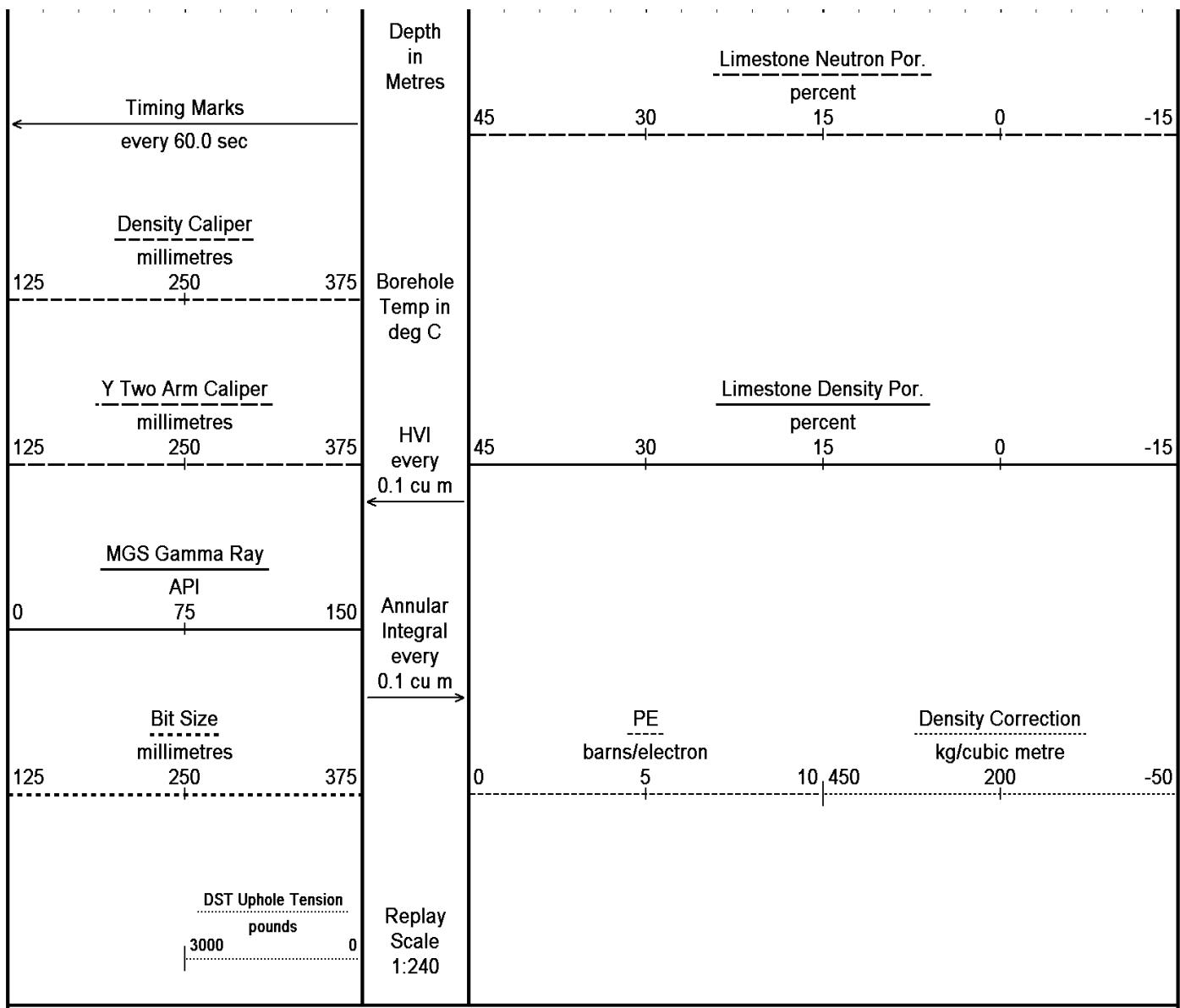












Depth Based Data - Maximum Sampling Increment 2.5cm

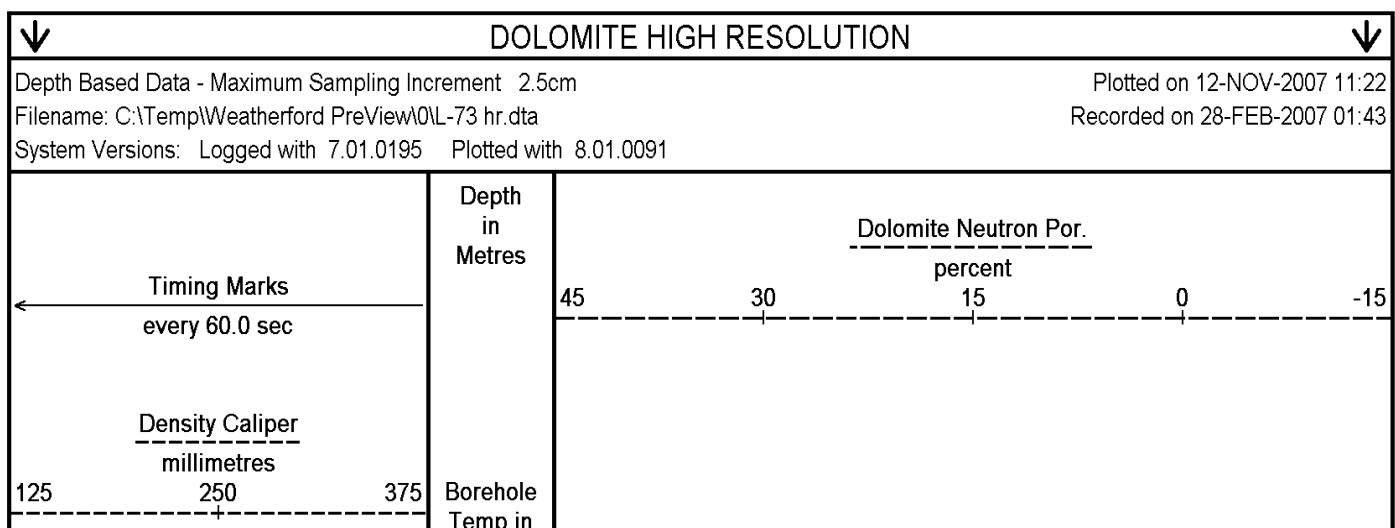
Plotted on 12-NOV-2007 11:22

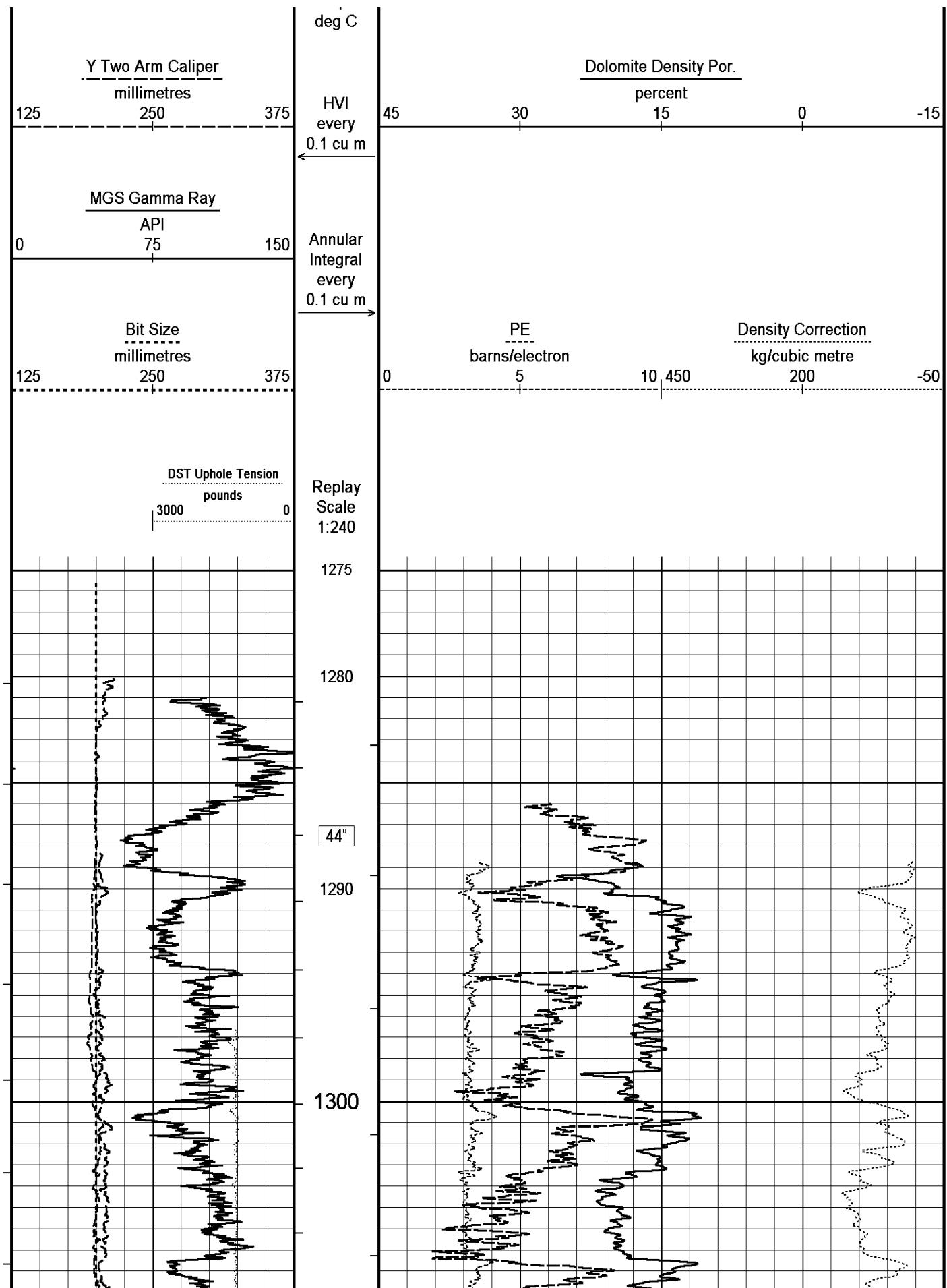
Filename: C:\Temp\Weatherford PreView\0\L-73 hr.dta

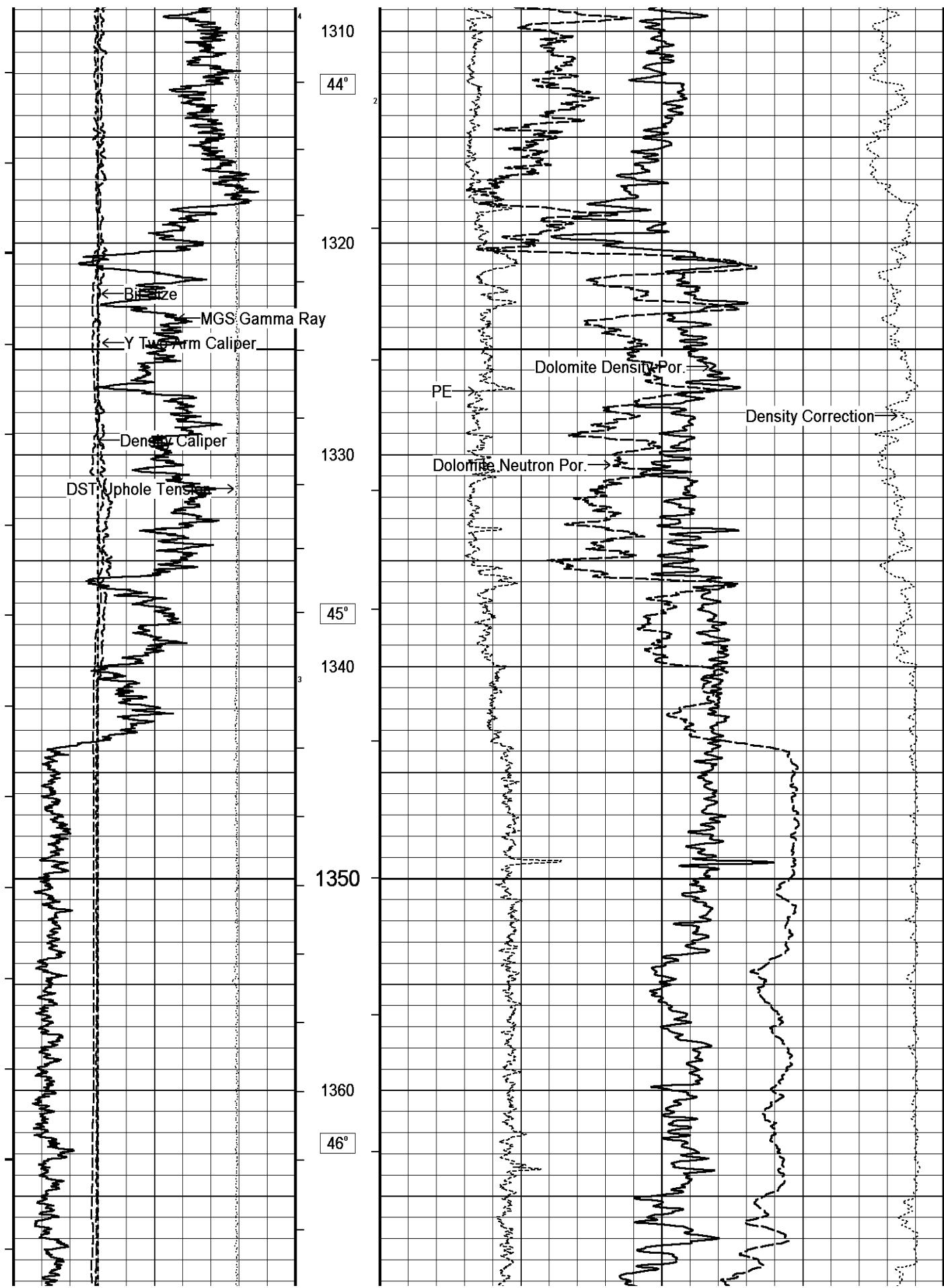
Recorded on 28-FEB-2007 01:43

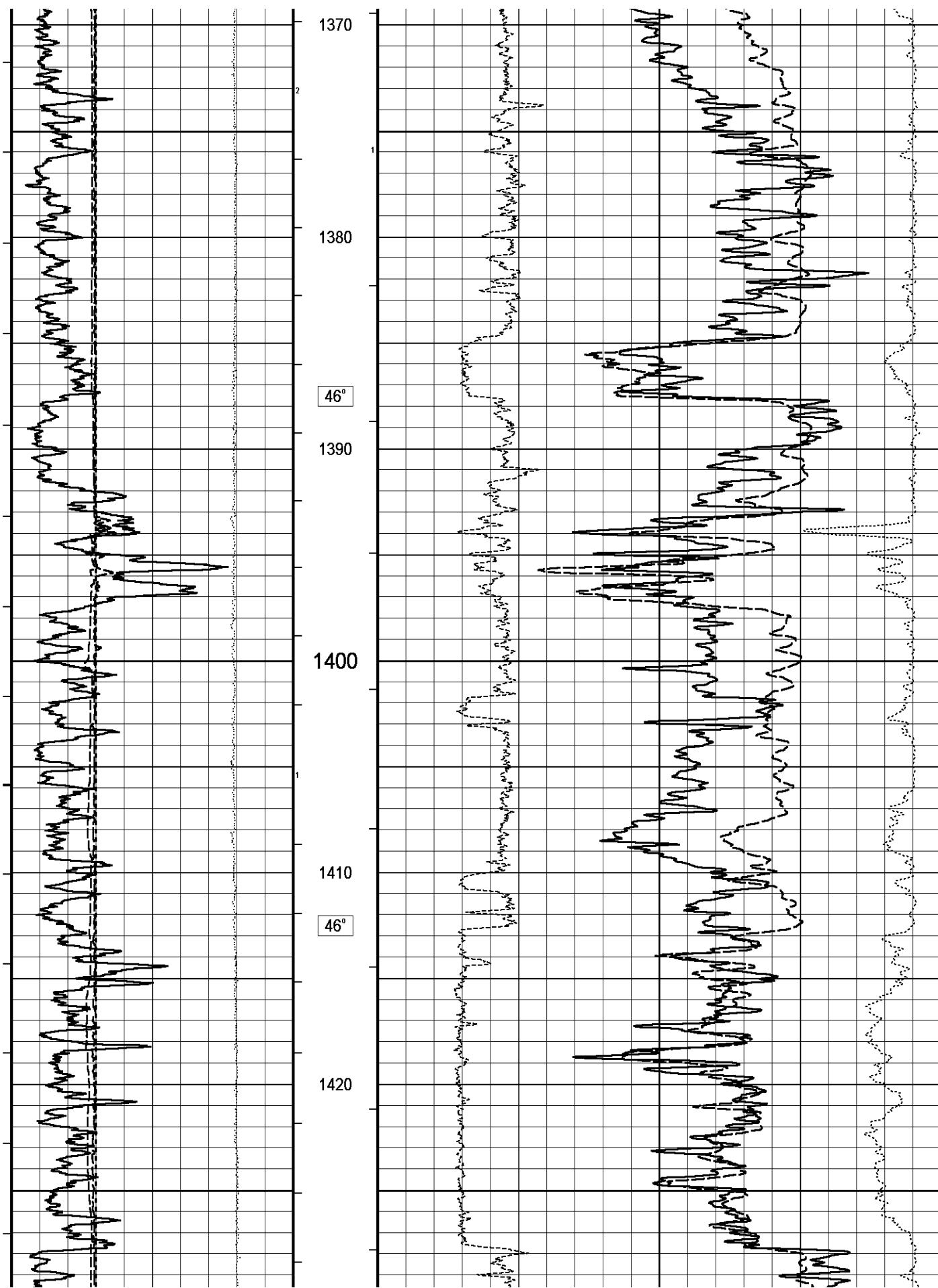
System Versions: Logged with 7.01.0195 Plotted with 8.01.0091

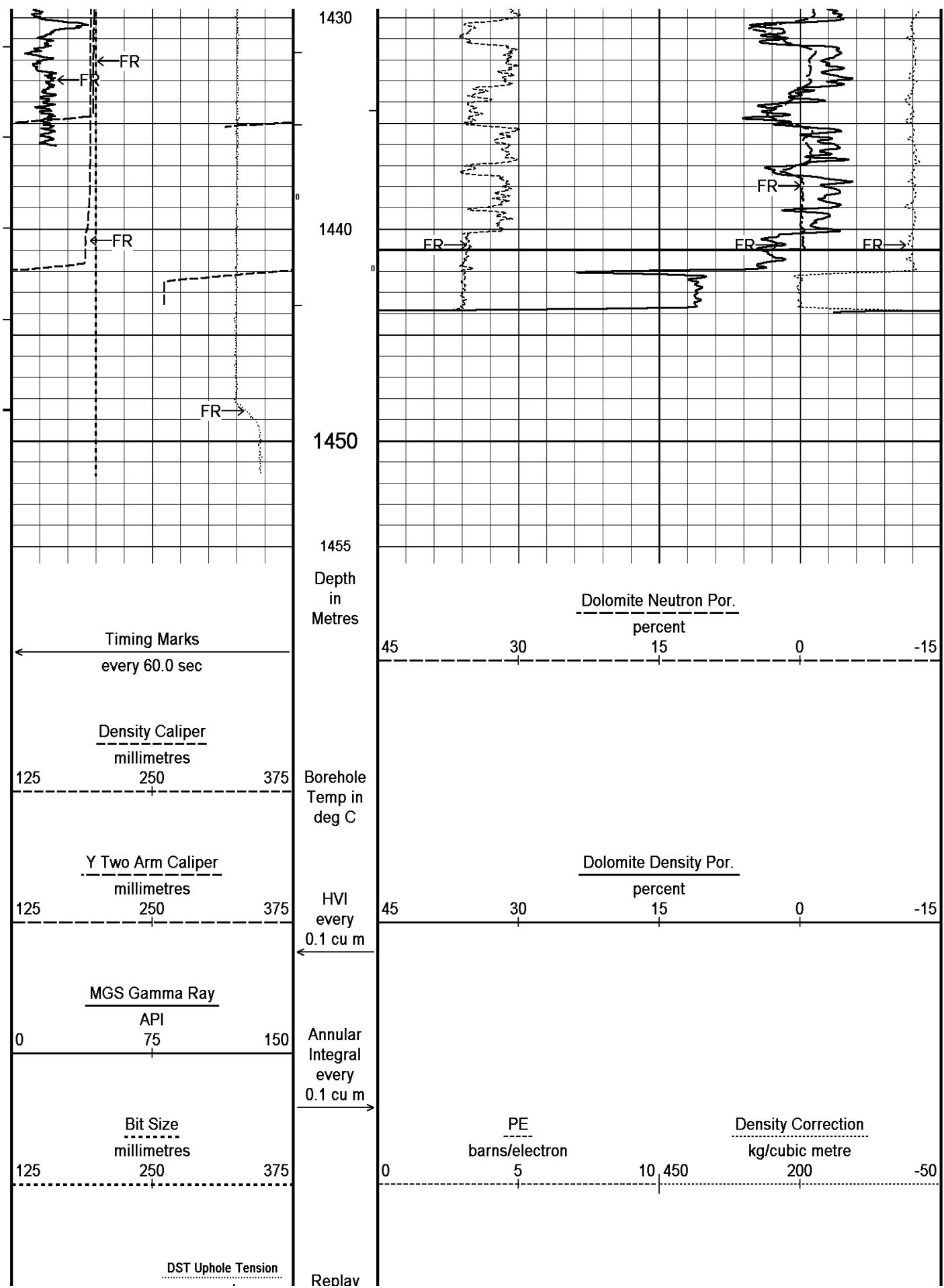
↑ LIMESTONE HIGH RESOLUTION ↑











3000 pounds 0 Scale 1:240

Depth Based Data - Maximum Sampling Increment 2.5cm
Filename: C:\Temp\Weatherford PreView\0NL-73 hr.dta
System Versions: Logged with 7.01.0195 Plotted with 8.01.0091

Plotted on 12-NOV-2007 11:22
Recorded on 28-FEB-2007 01:43

DOI: OMITE HIGH RESOLUTION

BEFORE SURVEY CALIBRATION

C:\Temp\Weatherford PreView\0\L-73 main.dta

General Constants All 000

Last Edited on 28-FEB-2007,00:23

General Parameters

General Parameters

Mud Resistivity	0.540	ohm-metres
Mud Resistivity Temperature	25.000	degrees C
Water Level	0.000	metres
Density/Neutron Processing	Wet Hole	

Hole/Annular Volume and Differential Caliper Parameters

HVOI, Annular Volume and Differential Caliper Parameters		
HVOL Caliper 1	Density Caliper	
HVOL Caliper 2	Y Two Arm Caliper	
Annular Volume Diameter	139.700	mm
Caliper for Differential Caliper	Density Caliper	

Rwa Parameters

RWA Parameters	Base Density	Porosity
Porosity used		Deep Induction
Resistivity used		
RWA Constant A		0.610
RWA Constant M		2.150

Gamma Calibration MCG 131

Field Calibration on 26-FEB-2007 10:56

	Measured	Calibrated (API)
Background	56	35
Calibrator (Gross)	1332	829
Calibrator (Net)	1277	794

Gamma Constants MCG 131

Last Edited on 27-FEB-2007,23:06

Gamma Calibrator Number	GRC 095	
Mud Density	1180.00	kg/m3
Caliper Source for Processing	Density Caliper	
Tool Position	Centred	
Concentration of KCl	0.00	kppm

SP Calibration MCG 131

Field Calibration on 24-FEB-2007 11:45

High Resolution Temperature Calibration MCG 131

Field Calibration on 15-DEC-2006, 15:05

Measured	Calibrated(Deg C)
1.00	1.00
10.00	10.00

High Resolution Temperature Constants MCG 131

Pre-filter Length 11

FE Calibration MFE 111

Base Calibration on 15-FEB-2007 19:40

Field Check on 28-FEB-2007 00:16

Base Calibration	Measured	Calibrated (ohm-m)
Reference 1	0.0	0.0
Reference 2	983.2	126.8
Base Check		278.8
Field Check		279.0

FE Constants MFE 111

Last Edited on 25-FEB-2007,03:56

Caliper Source for FE correction	Density Caliper
Rm Source for FE correction	Temperature Corr
Temp. for Rm Corr.	MCG External Temperature
Stand-off	Centred

Caliper Calibration MTC 024

Base Calibration on 6-FEB-2007 10:21

Field Calibration on 28-FEB-2007,00:43

Base Calibration	Measured	Calibrator Size (mm)
Reading No		
1	15472	110.00
2	18252	162.00
3	21045	212.00
4	23841	262.00
5	26691	311.00
6	N/A	N/A

Field Calibration	Measured Caliper (mm)	Actual Caliper (mm)
	210.30	205.70

Gamma Calibration MGS 029

Field Calibration on 20-FEB-2007,01:19

	Measured	Calibrated (API)
Background	58	38
Calibrator (Gross)	1286	832
Calibrator (Net)	1228	794

Gamma Constants MGS 029

Last Edited on 27-FEB-2007,23:06

Gamma Calibrator Number	GRCC095	
Mud Density	1180.00	kg/m ³
Caliper Source for Processing	Density Caliper	
Tool Position	Centred	
Concentration of KCl	0.00	kppm

SP Calibration MGS 029

Field Calibration on 7-DEC-2006,17:01

	Measured	Calibrated (mV)
Reference 1	100.0	100.0
Reference 2	-100.0	-100.0

High Resolution Temperature Calibration MGS 029

Field Calibration on 7-DEC-2006,17:01

	Measured	Calibrated(Deg C)
Lower	1.00	1.00
Upper	5.00	5.00

High Resolution Temperature Constants MGS 029

Pre-filter Length	11
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Micro Laterolog Constants MMR 031

Micro Laterolog K Factor	0.0128
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Standoff Offset	0.0000	inches		
Borehole Correction Constants				
Mud Cake Source	Constant Value			
Mud Cake Thickness	0.4000	inches		
Mud Cake Thickness Caliper	0			
Mud Cake Resistivity	0.1500	ohm-m		
Caliper Calibration MMR 031		Base Calibration on 27-FEB-2007,13:43 Field Calibration on 28-FEB-2007,00:43		
Base Calibration				
Reading No	Measured	Calibrator Size (mm)		
1	14876	162.00		
2	17978	212.00		
3	21602	262.00		
4	24308	311.00		
5	0	0.00		
6	N/A	N/A		
Field Calibration				
	Measured Caliper (mm)	Actual Caliper (mm)		
	205.60	205.70		
Micro Normal and Micro Inverse Calibration MMR 031		Base Calibration on 27-FEB-2007,13:43 Field Check on 28-FEB-2007 00:34		
Base Calibration				
Channel	Measured	Calibrated (ohm-m)		
	Resistor 1	Resistor 2	Resistor 1	Resistor 2
Micro Normal	9.8	49.9	5.1	25.6
Micro Inverse	9.8	49.8	3.4	16.9
Channel	Base Check (ohm-m)	Field Check (ohm-m)		
Micro Normal	94.7	92.9		
Micro Inverse	61.6	61.6		
Micro Normal and Micro Inverse Constants MMR 031		Last Edited on 25-NOV-2006,14:14		
Micro Normal K Factor	0.5110			
Micro Inverse K Factor	0.3380			
Standoff Offset	0.0000	millimetres		
Neutron Calibration MDN 016		Base Calibration on 11-JAN-2007 20:47 Field Check on 27-FEB-2007 23:30		
Base Calibration				
	Measured	Calibrated (cps)		
	Near	Far	Near	Far
Ratio	3219	98	3714	110
	32.703		33.764	
Field Calibrator at Base		Calibrated (cps)		
Ratio	2486	3648		
	0.681			
Field Check		Calibrated (cps)		
Ratio	2568	3767		
	0.682			
Neutron Constants MDN 016		Last Edited on 25-FEB-2007,03:55		
Neutron Source Id	277			
Neutron Jig Number	N636			
Epithermal Neutron	No			
Caliper Source for Processing	Density Caliper			
Stand-off	0.00	mm		
Mud Density	1000.00	kg/m3		
Limestone Sigma	7.10	psi		

Limestone Sigma	1.10	cu
Sandstone Sigma	4.26	cu
Dolomite Sigma	4.70	cu
Formation Pressure Source	Constant Value	
Formation Pressure	0.00	kPa
Temperature Source	Constant Value	
Temperature	20.00	degrees C
Mud Salinity	0.00	kppm
Formation Fluid Salinity Source	Constant Value	
Formation Fluid Salinity	0.00	kppm
Barite Mud Correction	Not Applied	

Photo Density Calibration MPD 093

Base Calibration on 21-FEB-2007 18:37
Field Check on 27-FEB-2007 23:24

Density Calibration

Base Calibration	Measured		Calibrated (sdu)	
	Near	Far	Near	Far
Reference 1	66461	35432	60352	31615
Reference 2	27582	2460	25043	2540

Field Check at Base

738.4 855.4

Field Check

743.9 865.6

PE Calibration

Base Calibration	WS	WH	Measured Ratio	Calibrated Ratio
Background	135	656		
Reference 1	27020	66295	0.410	0.400
Reference 2	7311	27477	0.268	0.272

Field Check at Base

135.0 656.2

Field Check

134.5 658.1

Density Constants MPD 093

Last Edited on 27-FEB-2007,23:07

Base Calibration

Reading No	Measured	Calibrator Size (mm)
1	15040	110.00
2	23085	162.00
3	31440	212.00
4	40233	262.00
5	49152	311.00
6	N/A	N/A

Field Calibration

Measured Caliper (mm)	Actual Caliper (mm)
207.70	205.70

Sonic Constants MSS 003

Last Edited on 27-FEB-2007,23:07

Maximum Boundary Contrast	328.08	micro-sec/m
Fluid Transit Time	620.08	micro-sec/m
Limestone Transit Time	155.84	micro-sec/m
Sandstone Transit Time	182.09	micro-sec/m
Dolomite Transit Time	142.72	micro-sec/m
Sonic used for Porosities	3-5' Compensated Sonic	
Correction for Sonde Skew	Applied	
Cycle Stretch Algorithm	Applied	
MN3FT	N/A	micro-sec
MX3FT	N/A	micro-sec
Hunt-Raymer Constant	0.00	0

Fixed Gate Parameters

Start Time (micro-sec)	End Time (micro-sec)	Discriminator (mV)	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Down Hole Fixed Gate Parameters

Gate Start	N/A	micro-sec
Gate Width	N/A	micro-sec
Initial Discriminator Level	0.0000	mVolts

Full Waveform Parameters

Use 3' Waveform to derive TR	N/A	
Use 4' Waveform to derive TR	N/A	
Use 5' Waveform to derive TR	N/A	
Use 6' Waveform to derive TR	N/A	
3' Waveform Discriminator Level	N/A	mV
4' Waveform Discriminator Level	N/A	mV
5' Waveform Discriminator Level	N/A	mV
6' Waveform Discriminator Level	N/A	mV
3' Waveform Filter	N/A	
4' Waveform Filter	N/A	
5' Waveform Filter	N/A	
6' Waveform Filter	N/A	
Semblance Level	N/A	
Semblance Window Width	N/A	micro-sec
Sonic 1 Despiker	N/A	N/A
Sonic 2 Despiker	N/A	N/A

Induction Calibration MAI 154

Base Calibration on 14-JAN-2007 01:38
Field Check on 28-FEB-2007 00:33

Base Calibration

Test Loop Calibration

Measured

Calibrated (mmho/m)

Channel	Low	High	Low	High
1	16.6	470.6	9.3	966.2
2	6.3	383.0	7.6	821.4
3	4.0	264.7	5.2	566.0
4	2.3	136.2	2.6	279.2
Array Temperature	22.3	Deg C		
Channel	Base Check (mmho/m)		Field Check (mmho/m)	
	Low	High	Low	High
1	13.1	3867.2	15.3	3866.9
2	29.6	3530.7	30.2	3528.9
3	26.8	3001.8	27.1	2999.9
4	18.4	2040.8	18.6	2039.5
Deep	15.3	1926.8	15.7	1925.6
Medium	39.6	3962.8	39.7	3960.1
Shallow	45.8	5270.7	46.6	5268.1
Array Temperature	12.1		28.0	Deg C

Induction Constants MAI 154

Last Edited on 27-FEB-2007,23:07

Induction Model	VECTAR		
Caliper for Borehole Corr.	Density Caliper		
Hole Size for Borehole Correction	N/A	millimetres	
Stand-off	25.40	millimetres	
Number of Fins on Stand-off	5.0000		
Stand-off Fin Width	25.4000	millimetres	
Borehole Corr. Rm Source	Temperature Corr		
Temp. for Rm Corr.	MCG External Temperature		
Squasher Start	0.0020	mhos/metre	
Borehole Normalisation			
DRM1	0.0000	DRC1	0.0000
DRM2	0.0000	DRC2	0.0000
MRM1	0.0000	MRC1	0.0000
MRM2	0.0000	MRC2	0.0000
SRM1	0.0000	SRC1	0.0000
SRM2	0.0000	SRC2	0.0000
Calibration Site Corrections			
Channel 1	0.00	mmhos/metre	
Channel 2	0.00	mmhos/metre	
Channel 3	0.00	mmhos/metre	
Channel 4	0.00	mmhos/metre	
Apparent Porosity and Water Saturation Constants			
Archie Constant (A)	1.00		
Cementation Exponent (M)	2.00		
Saturation Exponent (N)	2.00		
Saturation of Water for Apor	100.00	percent	
Resistivity of Water for Apor and Sw	0.05	ohm-m	
Resistivity of Mud Filtrate for Sw	0.00	ohm-m	

High Resolution Temperature Calibration MAI 154

Field Calibration on 16-DEC-2006,08:07

	Measured	Calibrated(Deg C)	
Lower	1.00	1.00	
Upper	10.00	10.00	

High Resolution Temperature Constants MAI 154

Pre-filter Length

11

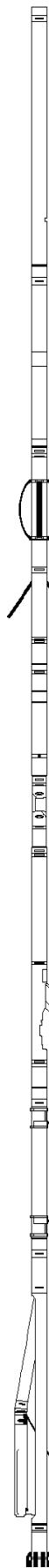
DOWNHOLE EQUIPMENT

C:\Temp\Weatherford PreView\0\L-73 main.dta

Compact Gamma
MCG 131 Length: 2.65 m

Weight: 63.9 lb

20.98 m GRGC - Gamma Ray
20.10 m CGXT - MCG External Temperature



Compact Focussed Electric
MFE 111 Length: 1.84 m

Weight: 48.5 lb

18.98 m FFE - Shallow FE

Compact Two Arm Caliper
MTC 24 Length: 2.17 m

Weight: 61.7 lb

16.53 m CLYC - Y Two Arm Caliper

Compact Short Gamma
MGS 29 Length: 1.04 m

Weight: 24.3 lb

15.66 m GRGM - MGS Gamma Ray

Compact InterSonde Crank
ISC 151 Length: 0.71 m

Weight: 24.3 lb

12.10 m MBTC - MMR Caliper
12.10 m MINV - MMR MicroLog Inverse
12.10 m MNRL - MMR MicroLog Normal

Compact Neutron
MDN 16 Length: 1.53 m

Weight: 50.7 lb

10.64 m NPRS - Sandstone Neutron Por.

Compact Density/Caliper
MPD 93 Length: 2.92 m

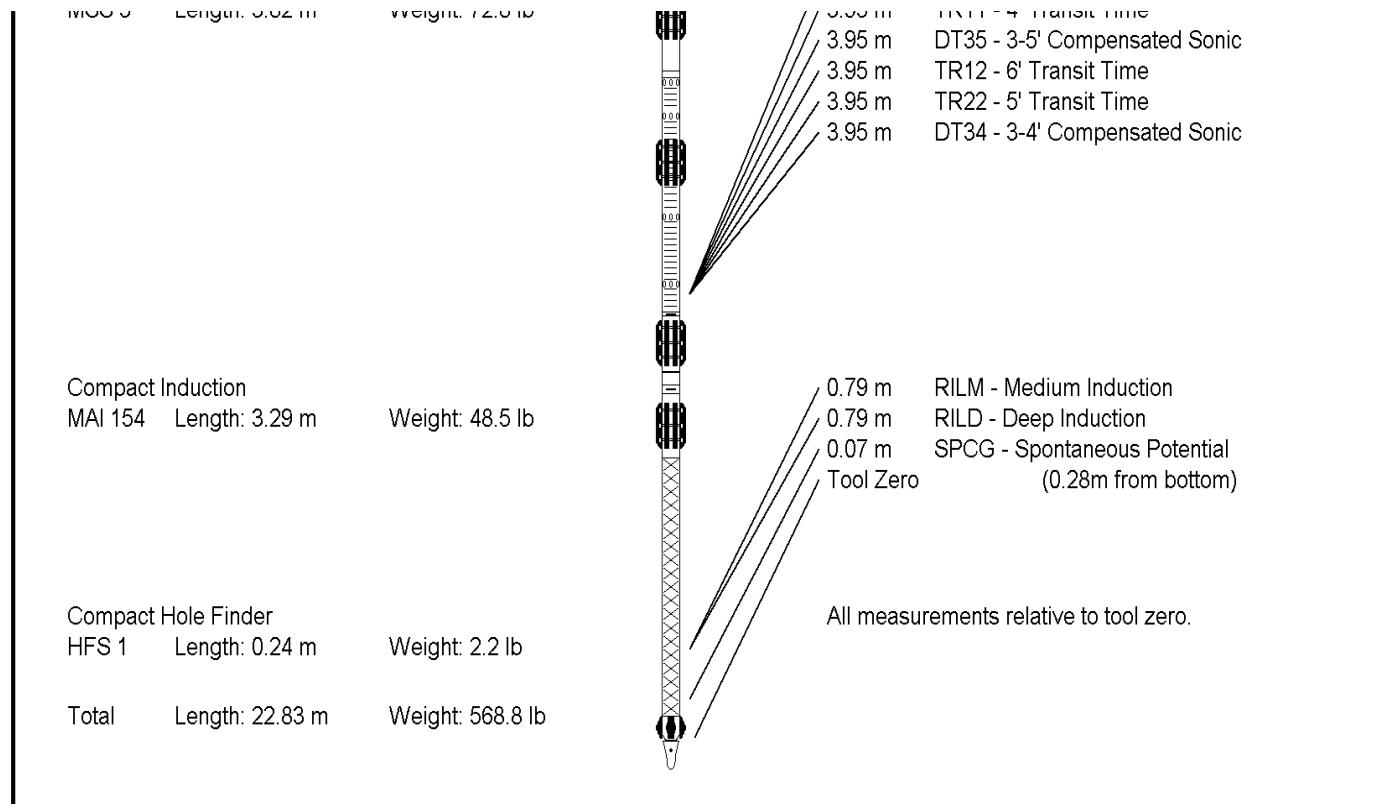
Weight: 90.4 lb

8.06 m AVOL - Annular Volume
8.06 m HVOL - Hole Volume
8.06 m CLDC - Density Caliper
7.85 m DCOR - Density Correction
7.85 m DPRS - Sandstone Density Por.
7.83 m PDPE - PE

Compact Sonic
MSS 3 Length: 3.82 m

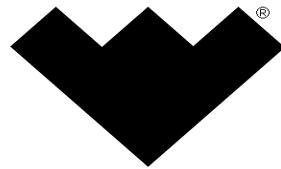
Weight: 72.8 lb

3.95 m TR21 - 3' Transit Time
2.95 m TR11 - 1' Transit Time



COMPANY	PARAMOUNT RESOURCES LTD			
WELL	PARA ET AL CAMERON L-73			
FIELD	CAMERON HILLS			
PROVINCE/COUNTY	NORTHWEST TERRITORIES			
COUNTRY/STATE	CANADA			
Elevation Kelly Bushing	774.80	metres	First Reading	1440.40 metre
Elevation Drill Floor		metres	Depth Driller	1450.00 metres
Elevation Ground Level	770.80	metres	Depth Logger	1448.60 metres

 PHOTO DENSITY
Weatherford® DUAL SPACED NEUTRON



MINIPILOT

COMPANY
WELL
FIELD
PROVINCE/COUNTY
COUNTRY/STATE
LOCATION

PARAMOUNT RESOURCES LTD
PARA ET AL CAMERON L-73
CAMERON HILLS
NORTHWEST TERRITORIES
CANADA
300/L-73-60-10-117-15

FIELD PRINT

LSD	SEC	TWP	RGE	Other Services
-----	-----	-----	-----	----------------

API Number	MICROLOG	COMPENSATED SONIC
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Permit Number	1159	XY CALIPERS
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Permanent Datum GROUND LEVEL, Elevation	770.8 metres	Elevations:	metres
Log Measured From 4.0 M above Permanent Datum		KB	774.80
Drilling Measured From KELLY BUSHING		DF	
		GL	770.80

Date	27-FEB-2007		
Run Number	1		
Depth Driller	1450.00	metres	
Depth Logger	1448.60	metres	
First Reading	1447.50	metre	
Last Reading	435.00	metre	
Casing Driller	436.00	metres	
Casing Logger	435.00	metres	
Bit Size	200.00	mm	
Hole Fluid Type	GELCHEM		
Density / Viscosity	1180.0 kg/M3	85.00 sec/L	
PH / Fluid Loss	10.00	8.00 ml/30Min	
Sample Source	FLOWLINE		
Rm @ Measured Temp	0.54 @ 25.0	ohm-m	
Rmf @ Measured Temp	0.41 @ 25.0	ohm-m	
Rmc @ Measured Temp	0.63 @ 25.0	ohm-m	
Source Rmf / Rmc	PRESS	FILTER	
Rm @ BHT	0.36 @ 47.0	ohm-m	
Time Since Circulation	8.5 HRS		
Max Recorded Temp	47.00	deg C	
Equipment Name	13132		
Equipment / Base	QUINT	GPR	
Recorded By	L. SUTHERLAND		
Witnessed By	A. AHMED		
CIRC STOP	05:30 FEB 27		
	Last Line		

Last Edited: 28-FEB-2007 03:49

Depth To

metres

436.00

1450.00

BOREHOLE RECORD

Bit Size	Depth From	Shoe Depth	Weight
millimetres	metres	metres	pounds/ft
311.000	0.00	436.00	35.70
200.000	436.00		

CASING RECORD

Type	Size	Depth From	Shoe Depth	Weight
	millimetres	metres	metres	pounds/ft
SURFACE	219.100	0.00	436.00	35.70

REMARKS

- 1) SOFTWARE ISSUE: WLS 7.01.0195
- 2) CUSTOMER SCALES AND INTERVALS LOGGED.
- 3) MALL MSS, MPD, MDN, MML, ISC, MGS, MTC, MFE, MCG RAN IN COMBINATION.
- 4) HARDWARE: MAI: TWO 25.4 MM STANDOFFS
MSS: THREE 25.4 MM STANDOFFS
MDN: DUAL NEUTRON BOWSPRING
MTC: ONE SIX-LEAF CENTRALIZER

7) RIG: PD # 129

8) HOLE CEMENT VOLUMES CALCULATED USING DENSITY CALIPER AND TWO ARM CALIPER IN COMBINATION :

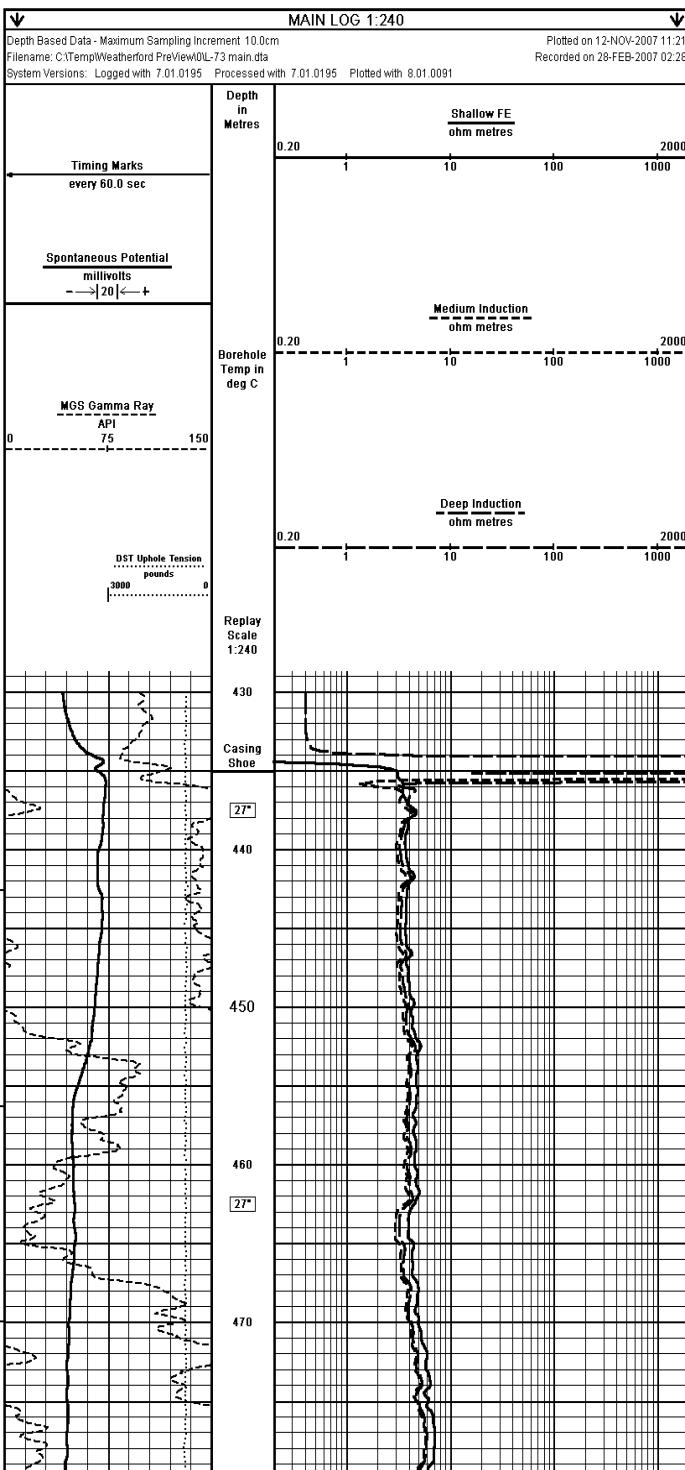
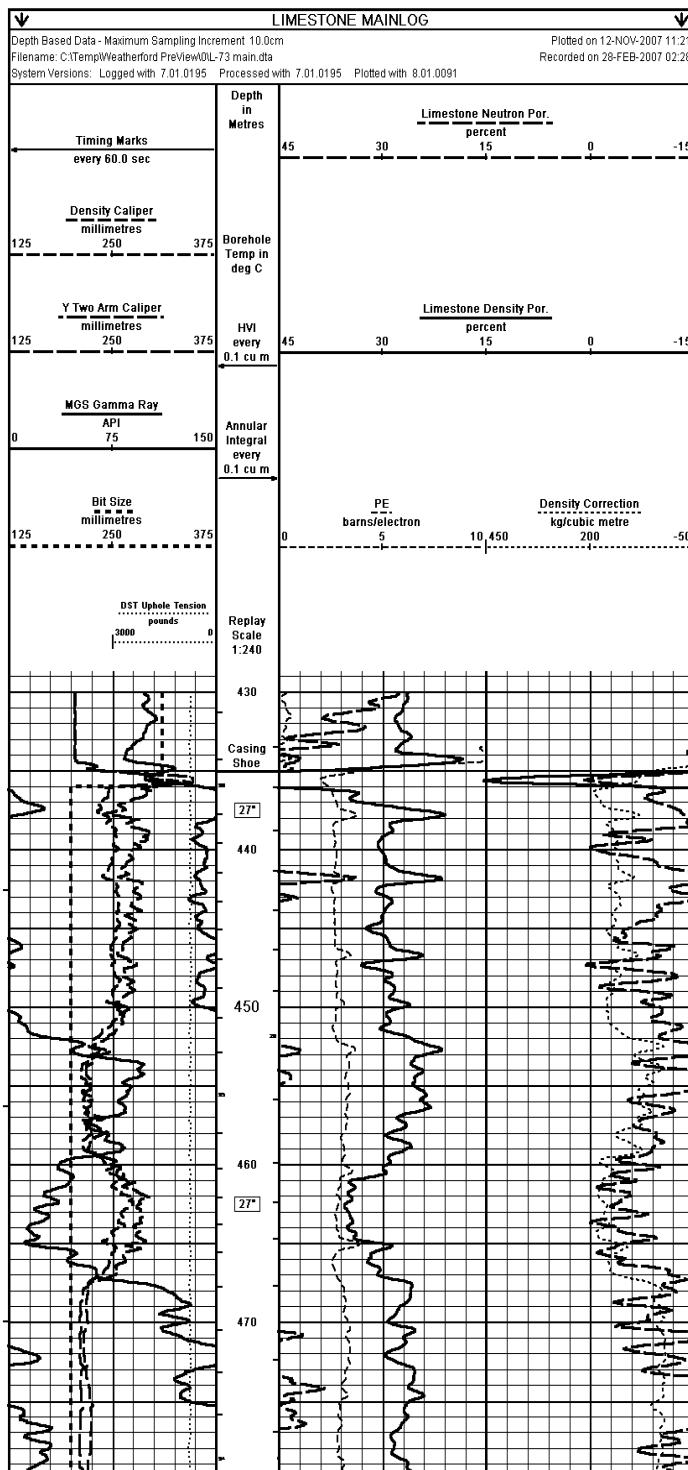
HOLE VOLUME = 36.05 CU.M.

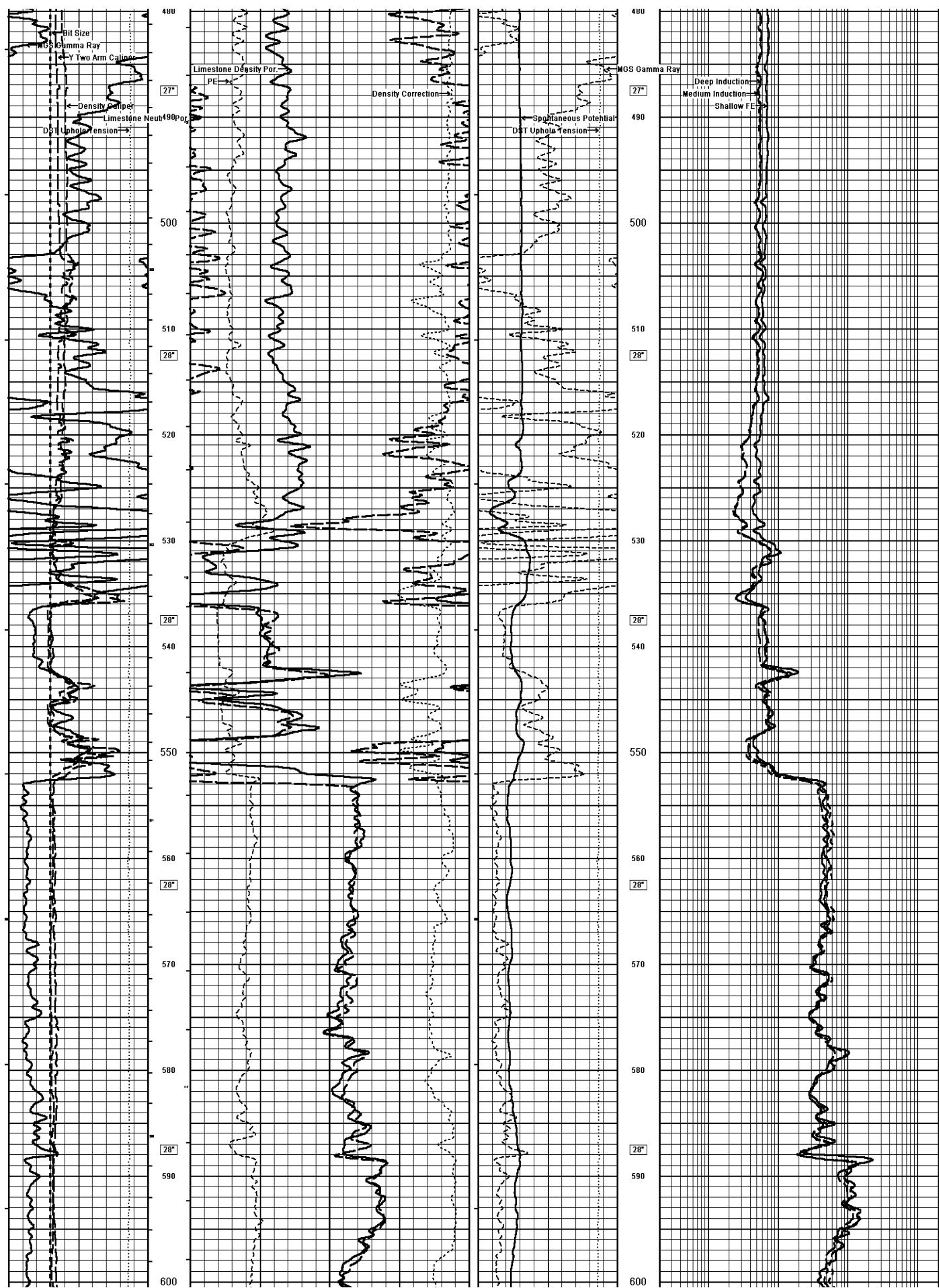
ANNULAR VOLUME USING 139.7 MM PRODUCTION CASING = 20.65 CU.M

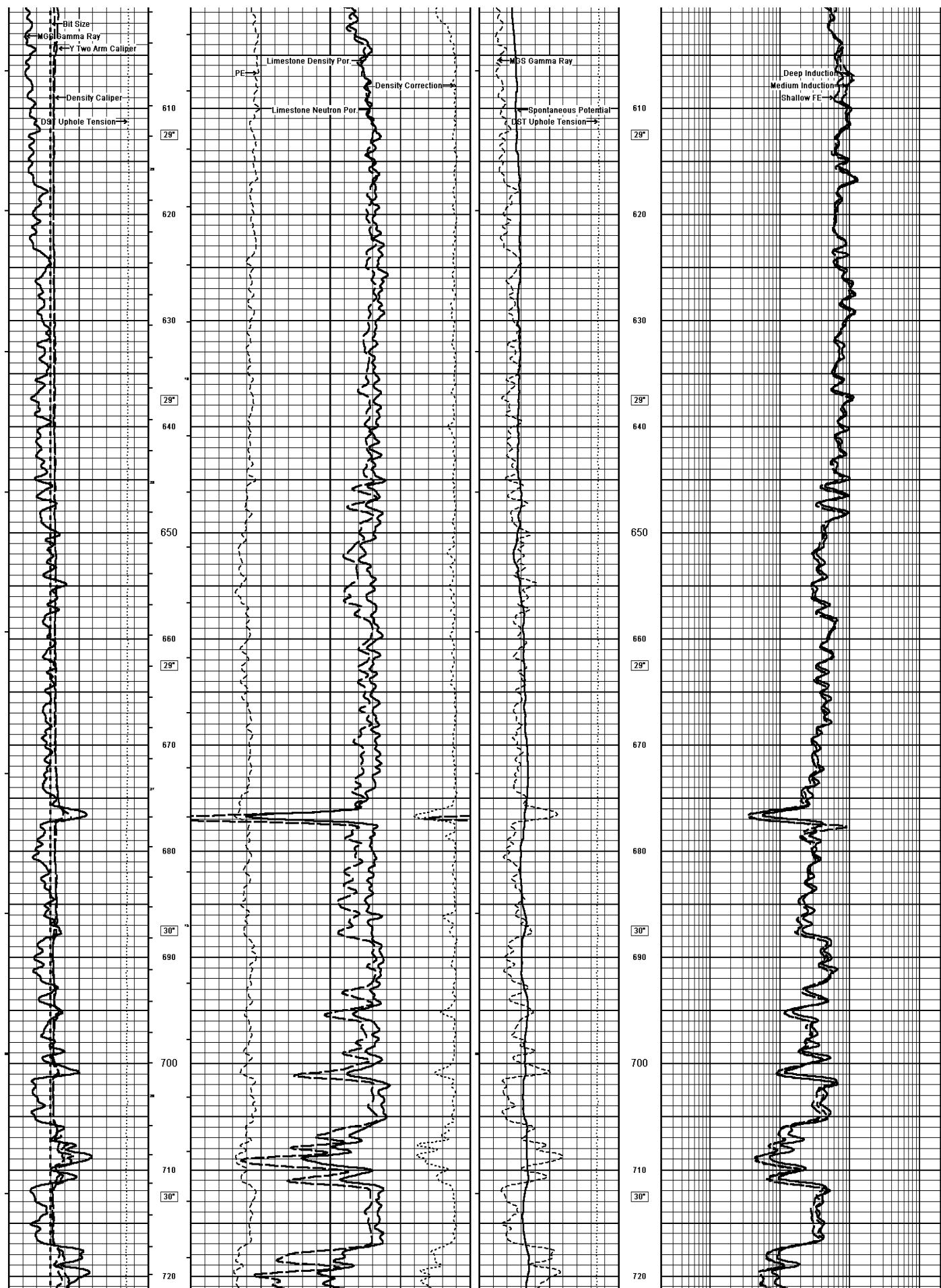
9) AREAS OF BOREHOLE RUGOSITY MAY CAUSE POOR DENSITY PAD CONTACT RESULTING IN HIGH DENSITY CORRECTION AND THUS INVALID DENSITY POROSITY DATA AT THOSE INTERVALS.

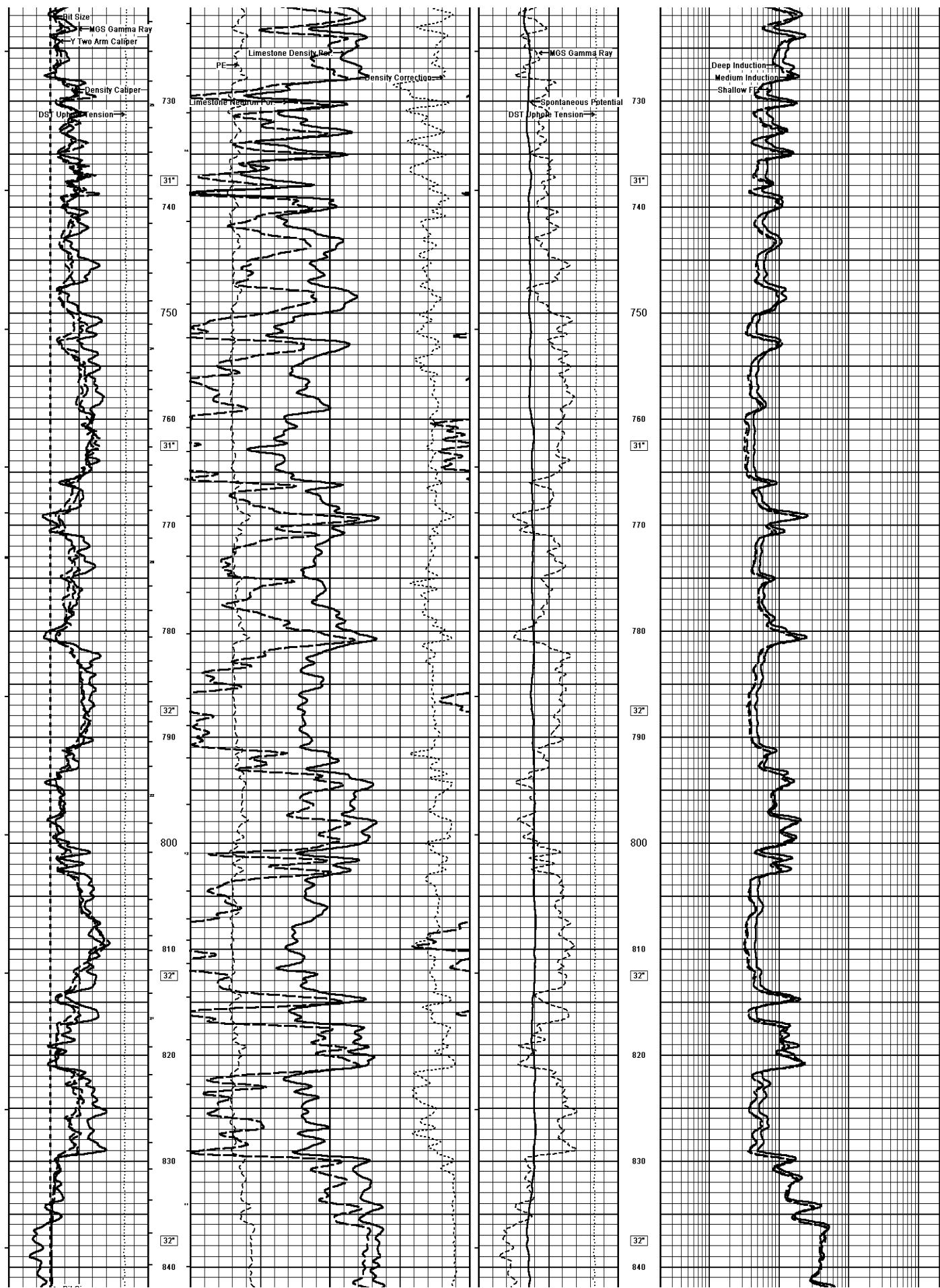
10) SONIC FREE PIPE: 378M

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions in our price schedule.



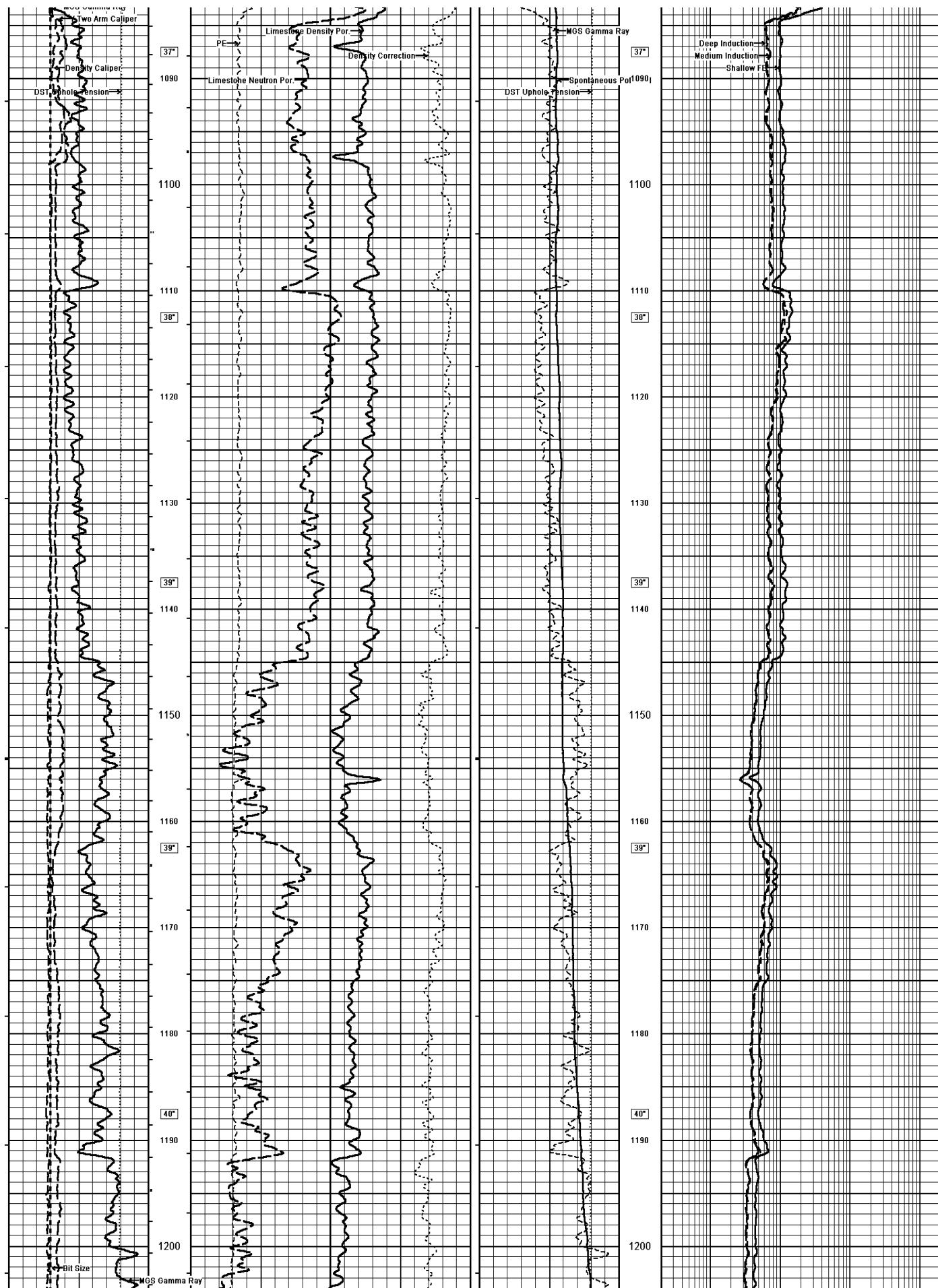


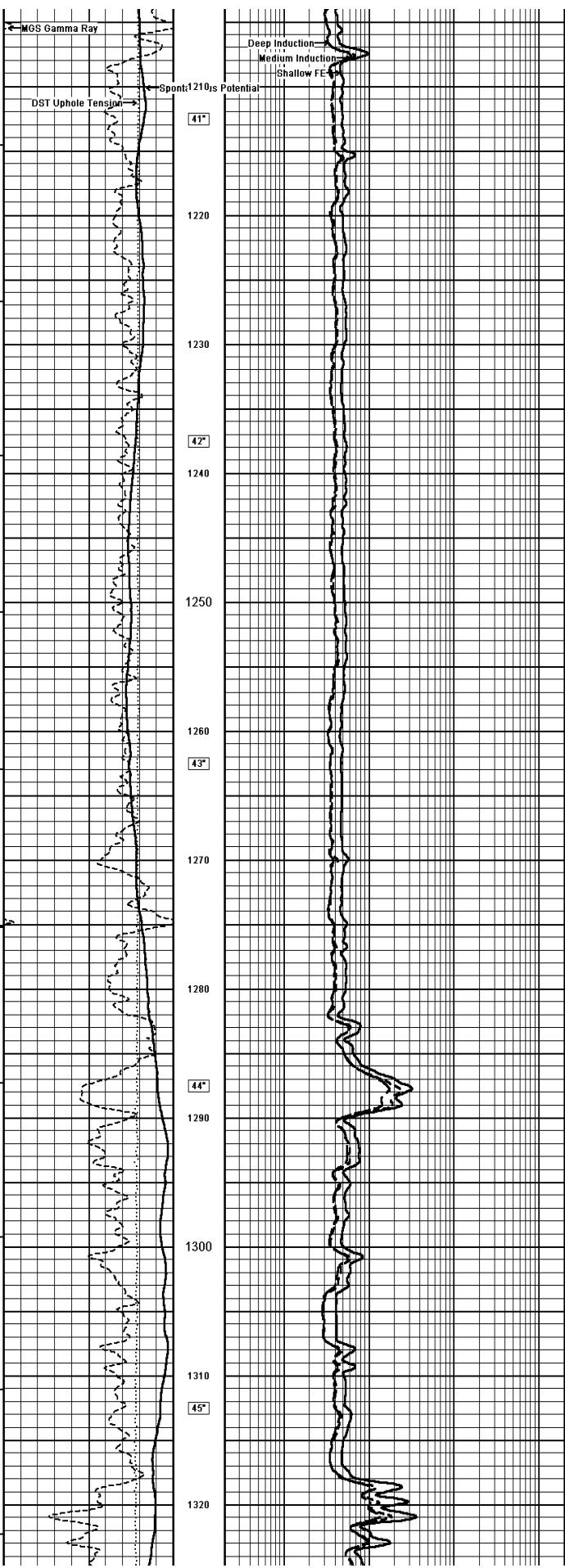
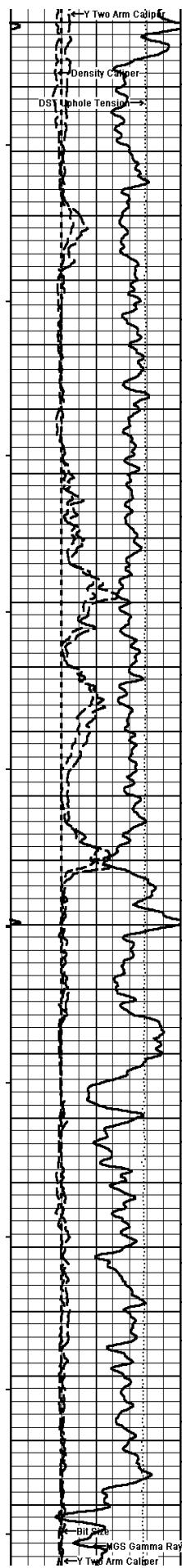


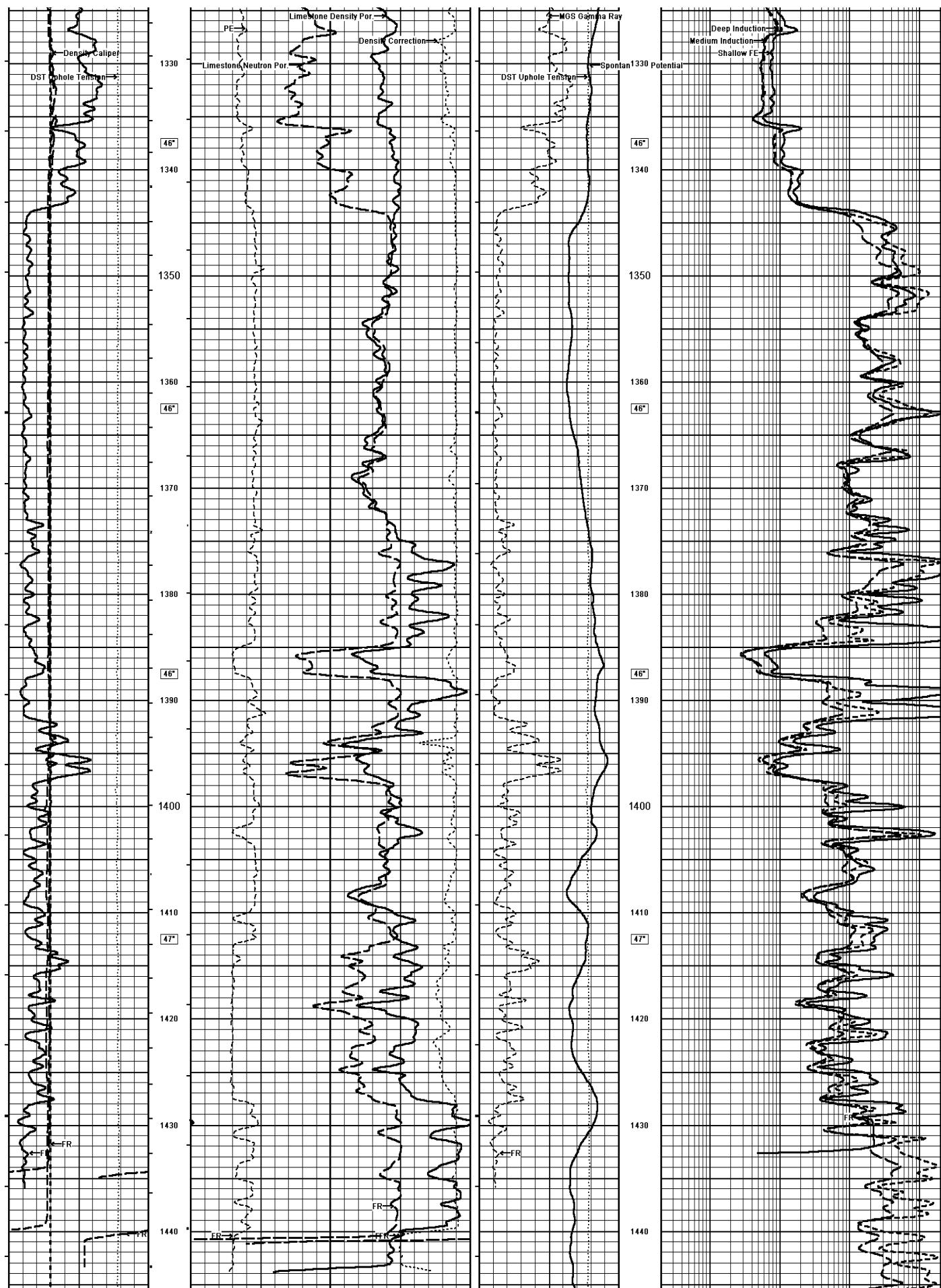


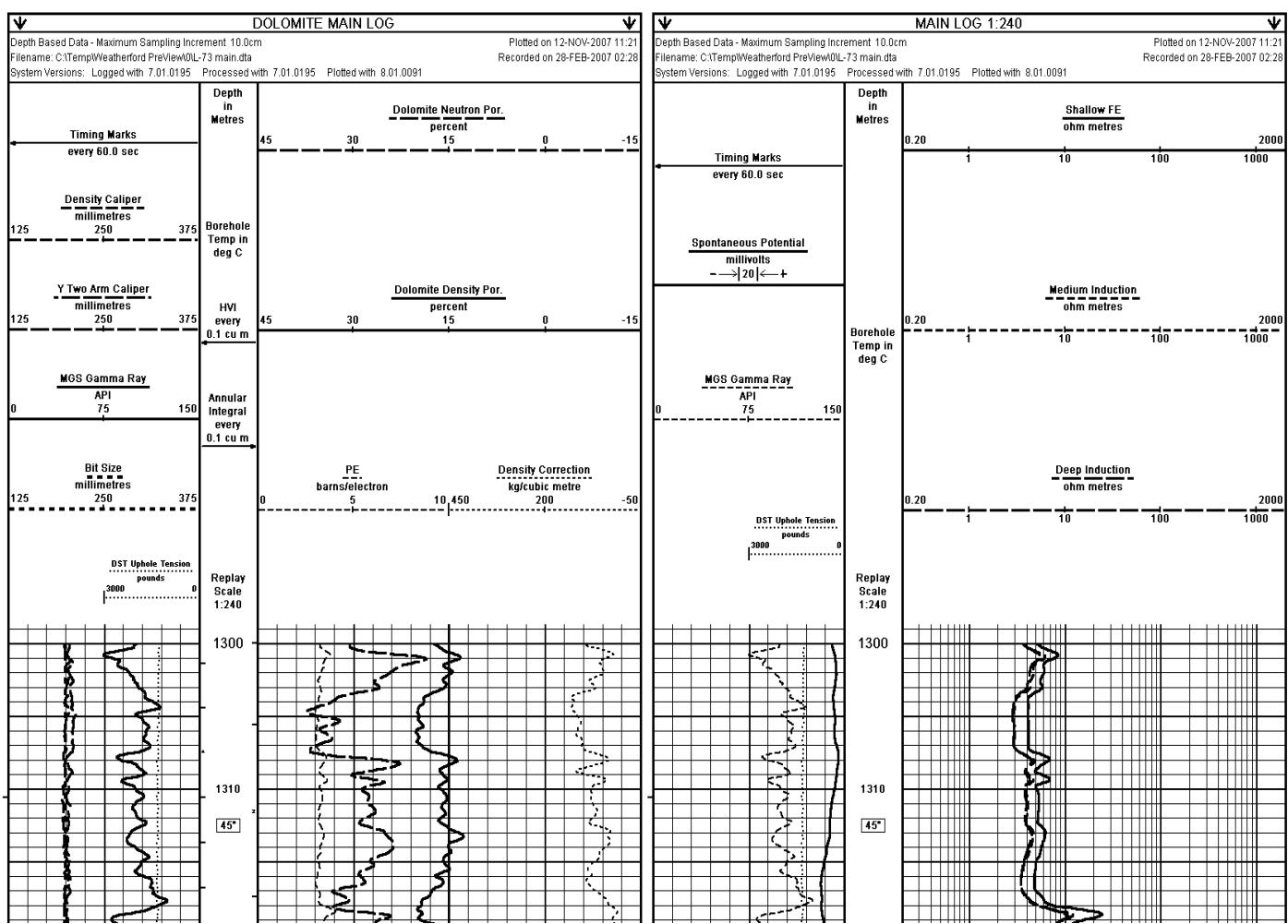
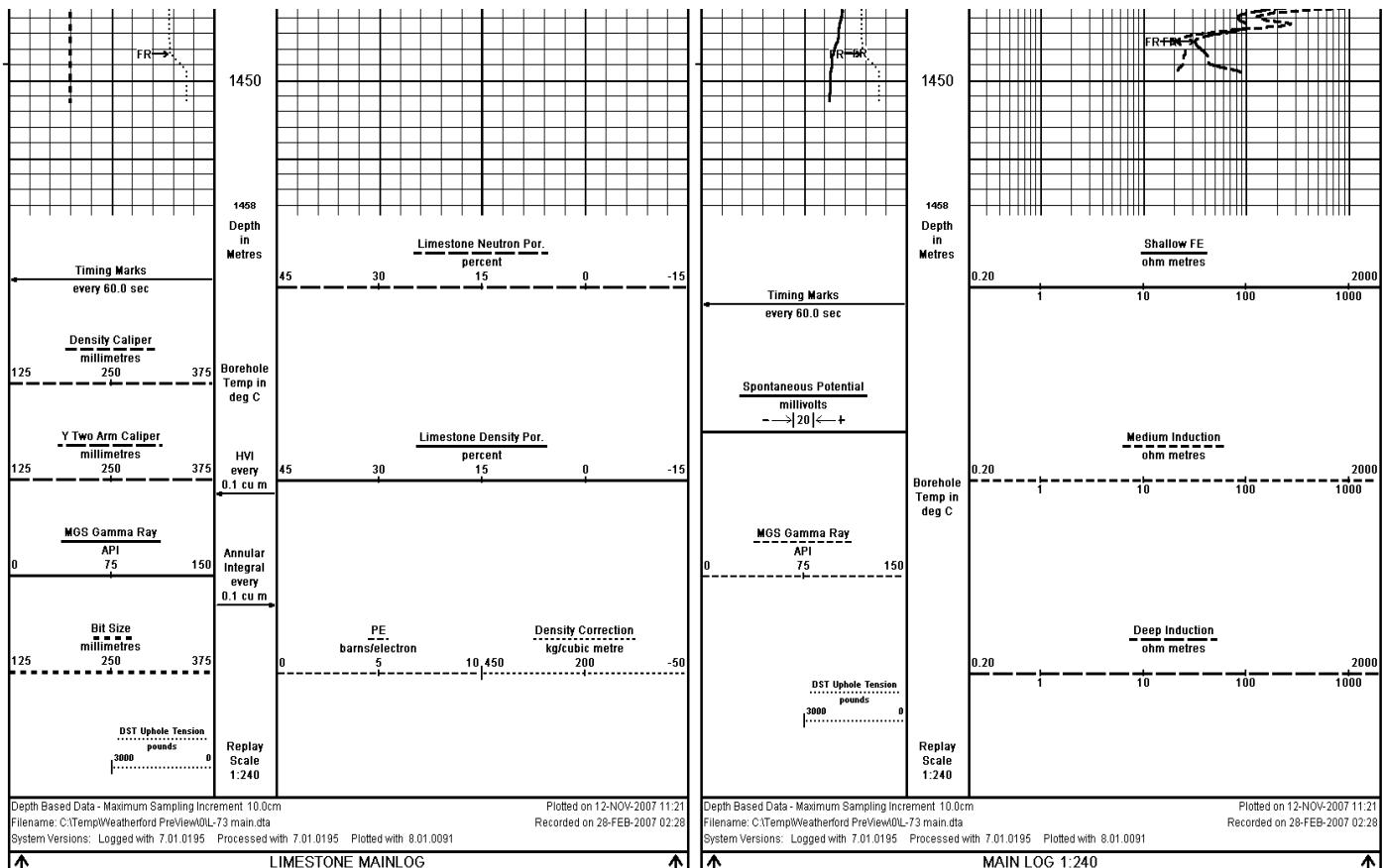


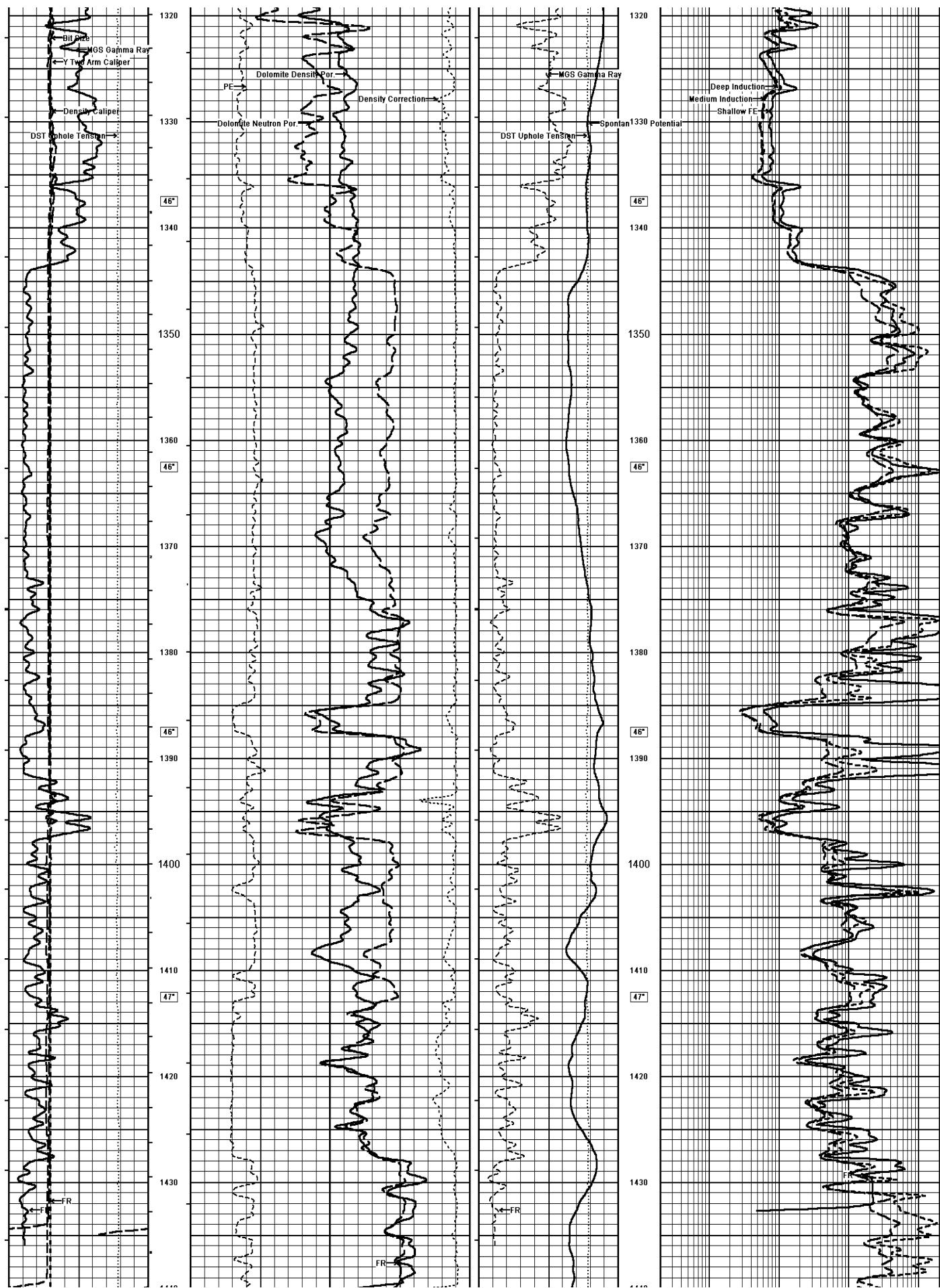


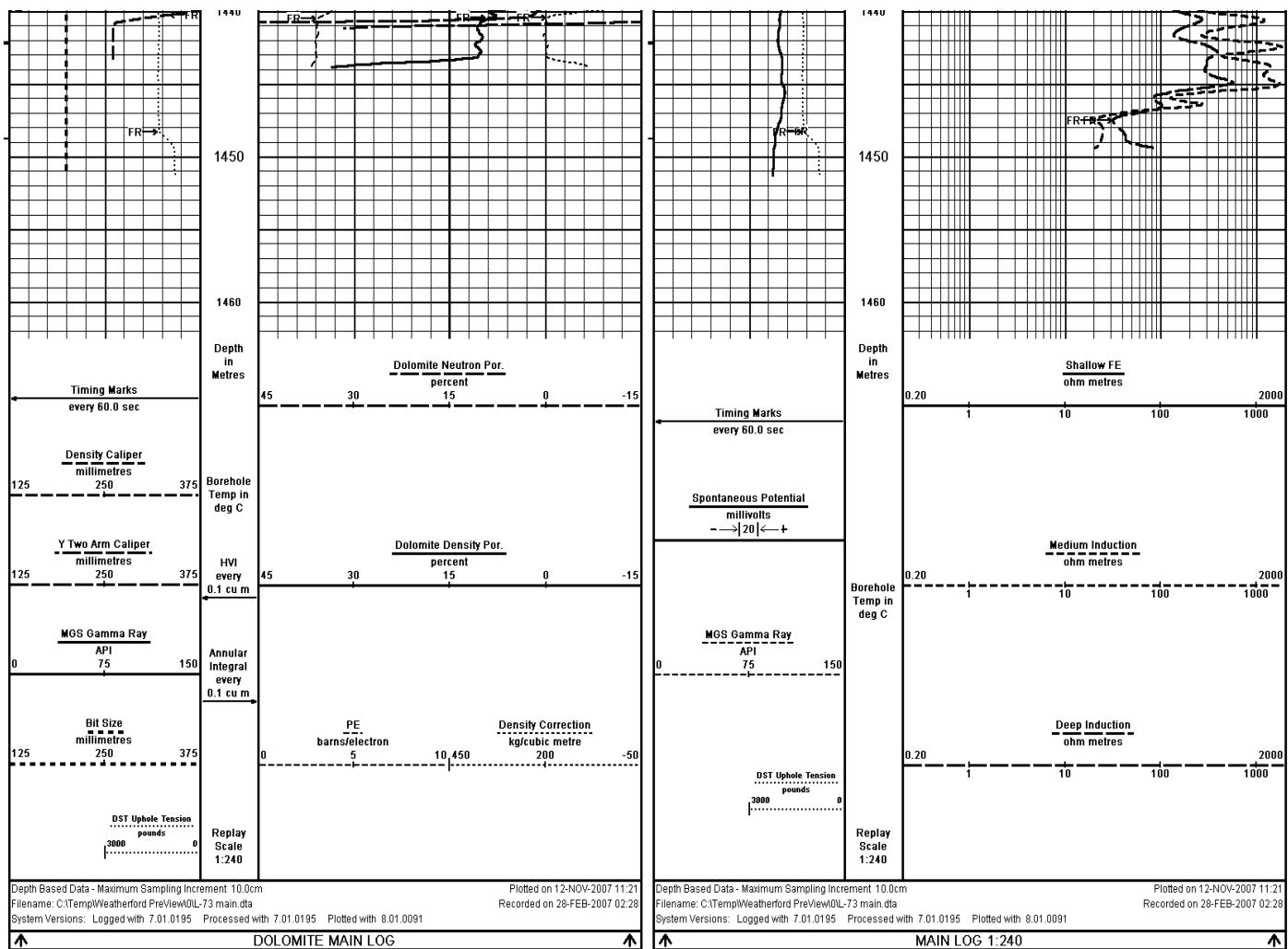












BEFORE SURVEY CALIBRATION

C:\Temp\Weatherford PreView\0\L-73 main.dta

General Constants All 000

Last Edited on 28-FEB-2007,00:23

General Parameters

Mud Resistivity	0.540	ohm-metres
Mud Resistivity Temperature	25.000	degrees C
Water Level	0.000	metres
Density/Neutron Processing	Wet Hole	

Hole/Annular Volume and Differential Caliper Parameters

HVOL Caliper 1	Density Caliper
HVOL Caliper 2	Y Two Arm Caliper
Annular Volume Diameter	139.700
Caliper for Differential Caliper	Density Caliper

Rwa Parameters

Porosity used	Base Density Porosity
Resistivity used	Deep Induction
RWA Constant A	0.610
RWA Constant M	2.150

Gamma Calibration MCG 131

Field Calibration on 26-FEB-2007 10:56

Background	Measured	Calibrated (API)
	56	35

Calibrator (Gross)	1332	829	
Calibrator (Net)	1277	794	
Gamma Constants MCG 131			Last Edited on 27-FEB-2007,23:06
Gamma Calibrator Number	GRC 095		
Mud Density	1180.00	kg/m3	
Caliper Source for Processing	Density Caliper		
Tool Position	Centred		
Concentration of KCl	0.00	kppm	
SP Calibration MCG 131			Field Calibration on 24-FEB-2007 11:45
	Measured	Calibrated (mV)	
Reference 1	101.0	100.0	
Reference 2	-99.3	-100.0	
High Resolution Temperature Calibration MCG 131			Field Calibration on 15-DEC-2006,15:05
	Measured	Calibrated(Deg C)	
Lower	1.00	1.00	
Upper	10.00	10.00	
High Resolution Temperature Constants MCG 131			
Pre-filter Length	11		
FE Calibration MFE 111			Base Calibration on 15-FEB-2007 19:40 Field Check on 28-FEB-2007 00:16
Base Calibration			
	Measured	Calibrated (ohm-m)	
Reference 1	0.0	0.0	
Reference 2	983.2	126.8	
Base Check		278.8	
Field Check		279.0	
FE Constants MFE 111			Last Edited on 25-FEB-2007,03:56
Caliper Source for FE correction	Density Caliper		
Rm Source for FE correction	Temperature Corr		
Temp. for Rm Corr.	MCG External Temperature		
Stand-off	Centred	millimetres	
Caliper Calibration MTC 024			Base Calibration on 6-FEB-2007 10:21 Field Calibration on 28-FEB-2007,00:43
Base Calibration			
Reading No	Measured	Calibrator Size (mm)	
1	15472	110.00	
2	18252	162.00	
3	21045	212.00	
4	23841	262.00	
5	26691	311.00	
6	N/A	N/A	
Field Calibration			
	Measured Caliper (mm)	Actual Caliper (mm)	
	210.30	205.70	
Gamma Calibration MGS 029			Field Calibration on 20-FEB-2007,01:19
	Measured	Calibrated (API)	
Background	58	38	
Calibrator (Gross)	1286	832	
Calibrator (Net)	1228	794	

Gamma Calibrator Number	GRCC095		
Mud Density	1180.0	kg/m3	
Caliper Source for Processing	Density Caliper		
Tool Position	Centred		
Concentration of KCl	0.00	kppm	
SP Calibration MGS 029			Field Calibration on 7-DEC-2006,17:01
	Measured	Calibrated (mV)	
Reference 1	100.0	100.0	
Reference 2	-100.0	-100.0	
High Resolution Temperature Calibration MGS 029			Field Calibration on 7-DEC-2006,17:01
	Measured	Calibrated(Deg C)	
Lower	1.00	1.00	
Upper	5.00	5.00	
High Resolution Temperature Constants MGS 029			
Pre-filter Length	11		
Micro Laterolog Constants MMR 031			
Micro Laterolog K Factor	0.0128		
Standoff Offset	0.0000	inches	
Borehole Correction Constants			
Mud Cake Source	Constant Value		
Mud Cake Thickness	0.4000	inches	
Mud Cake Thickness Caliper	0		
Mud Cake Resistivity	0.1500	ohm-m	
Caliper Calibration MMR 031			Base Calibration on 27-FEB-2007,13:43 Field Calibration on 28-FEB-2007,00:43
Base Calibration			
Reading No	Measured	Calibrator Size (mm)	
1	14876	162.00	
2	17978	212.00	
3	21602	262.00	
4	24308	311.00	
5	0	0.00	
6	N/A	N/A	
Field Calibration			
	Measured Caliper (mm)	Actual Caliper (mm)	
	205.60	205.70	
Micro Normal and Micro Inverse Calibration MMR 031			Base Calibration on 27-FEB-2007,13:43 Field Check on 28-FEB-2007 00:34
Base Calibration			
Channel	Measured	Calibrated (ohm-m)	
	Resistor 1	Resistor 2	Resistor 1 Resistor 2
Micro Normal	9.8	49.9	5.1 25.6
Micro Inverse	9.8	49.8	3.4 16.9
Channel	Base Check (ohm-m)	Field Check (ohm-m)	
Micro Normal	94.7	92.9	
Micro Inverse	61.6	61.6	
Micro Normal and Micro Inverse Constants MMR 031			Last Edited on 25-NOV-2006,14:14
Micro Normal K Factor	0.5110		
Micro Inverse K Factor	0.3380		
Standoff Offset	0.0000	inches	

Standard Offset	0.0000	millimetres	
Neutron Calibration MDN 016			Base Calibration on 11-JAN-2007 20:47 Field Check on 27-FEB-2007 23:30
Base Calibration			
	Measured	Calibrated (cps)	
	Near	Far	Near
Ratio	3219	98	3714
	32.703		110
		33.764	
Field Calibrator at Base		Calibrated (cps)	
		2486	3648
Ratio			0.681
Field Check		Calibrated (cps)	
		2568	3767
Ratio			0.682
Neutron Constants MDN 016			Last Edited on 25-FEB-2007,03:55
Neutron Source Id	277		
Neutron Jig Number	N636		
Epithermal Neutron	No		
Caliper Source for Processing	Density Caliper		
Stand-off	0.00	mm	
Mud Density	1000.00	kg/m3	
Limestone Sigma	7.10	cu	
Sandstone Sigma	4.26	cu	
Dolomite Sigma	4.70	cu	
Formation Pressure Source	Constant Value		
Formation Pressure	0.00	kPa	
Temperature Source	Constant Value		
Temperature	20.00	degrees C	
Mud Salinity	0.00	kppm	
Formation Fluid Salinity Source	Constant Value		
Formation Fluid Salinity	0.00	kppm	
Barite Mud Correction	Not Applied		
Photo Density Calibration MPD 093			Base Calibration on 21-FEB-2007 18:37 Field Check on 27-FEB-2007 23:24
Density Calibration			
Base Calibration	Measured	Calibrated (sdu)	
	Near	Far	Near
Reference 1	66461	35432	60352
Reference 2	27582	2460	31615
			25043
			2540
Field Check at Base	738.4	855.4	
Field Check	743.9	865.6	
PE Calibration			
Base Calibration	Measured	Calibrated	
	WS	WH	Ratio
Background	135	656	
Reference 1	27020	66295	0.410
Reference 2	7311	27477	0.268
			0.400
			0.272
Field Check at Base	135.0	656.2	
Field Check	134.5	658.1	

Density Constants MPD 093

Last Edited on 27-FEB-2007,23:07

Density Source Id	1615B	
Nylon Calibrator Number	608	
Aluminium/Fe Calibrator Number	608	
Density Shoe Profile	4 inch	
Caliper Source for Processing	Density Caliper	
PE Correction to Density	Not Applied	
Mud Density	1180.00	kg/m3
Mud Density Z/A Correction	1.11	
Mud Filtrate Density	1000.00	kg/m3
Dry Hole Mud Filtrate Density	1000.00	kg/m3
DNCT	0.00	kg/m3
CRCT	0.00	kg/m3
Density Z/A Correction	0	
Matrix Density (kg/m3)	Depth (m)	
2710.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	

Caliper Calibration MPD 093

Base Calibration on 11-JAN-2007 21:58
Field Calibration on 28-FEB-2007,00:44

Base Calibration		
Reading No	Measured	Calibrator Size (mm)
1	15040	110.00
2	23085	162.00
3	31440	212.00
4	40233	262.00
5	49152	311.00
6	N/A	N/A

Field Calibration

Measured Caliper (mm)	Actual Caliper (mm)
207.70	205.70

Sonic Constants MSS 003

Last Edited on 27-FEB-2007,23:07

Maximum Boundary Contrast	328.08	micro-sec/m
Fluid Transit Time	620.08	micro-sec/m
Limestone Transit Time	155.84	micro-sec/m
Sandstone Transit Time	182.09	micro-sec/m
Dolomite Transit Time	142.72	micro-sec/m
Sonic used for Porosities	3-5' Compensated Sonic	
Correction for Sonde Skew	Applied	
Cycle Stretch Algorithm	Applied	
MN3FT	N/A	micro-sec
MX3FT	N/A	micro-sec
Hunt-Raymer Constant	0.00	0

Fixed Gate Parameters

Start Time (micro-sec)	End Time (micro-sec)	Discriminator (mV)	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Down Hole Fixed Gate Parameters

Gate Start N/A micro sec

Date Start	N/A	micro-sec
Gate Width	N/A	micro-sec
Initial Discriminator Level	0.0000	mVolts
Full Waveform Parameters		
Use 3' Waveform to derive TR	N/A	
Use 4' Waveform to derive TR	N/A	
Use 5' Waveform to derive TR	N/A	
Use 6' Waveform to derive TR	N/A	
3' Waveform Discriminator Level	N/A	mV
4' Waveform Discriminator Level	N/A	mV
5' Waveform Discriminator Level	N/A	mV
6' Waveform Discriminator Level	N/A	mV
3' Waveform Filter	N/A	
4' Waveform Filter	N/A	
5' Waveform Filter	N/A	
6' Waveform Filter	N/A	
Semblance Level	N/A	
Semblance Window Width	N/A	micro-sec
Sonic 1 Despiker	N/A	N/A
Sonic 2 Despiker	N/A	N/A

Induction Calibration MAI 154

Base Calibration on 14-JAN-2007 01:38

Field Check on 28-FEB-2007 00:33

Base Calibration					
Test Loop Calibration		Measured		Calibrated (mmho/m)	
Channel		Low	High	Low	High
1		16.6	470.6	9.3	966.2
2		6.3	383.0	7.6	821.4
3		4.0	264.7	5.2	566.0
4		2.3	136.2	2.6	279.2
Array Temperature		22.3		Deg C	
Channel		Base Check (mmho/m)		Field Check (mmho/m)	
		Low	High	Low	High
1		13.1	3867.2	15.3	3866.9
2		29.6	3530.7	30.2	3528.9
3		26.8	3001.8	27.1	2999.9
4		18.4	2040.8	18.6	2039.5
Deep		15.3	1926.8	15.7	1925.6
Medium		39.6	3962.8	39.7	3960.1
Shallow		45.8	5270.7	46.6	5268.1
Array Temperature		12.1		28.0	Deg C

Induction Constants MAI 154

Last Edited on 27-FEB-2007,23:07

Induction Model	VECTAR		
Caliper for Borehole Corr.	Density Caliper		
Hole Size for Borehole Correction	N/A	millimetres	
Stand-off	25.40	millimetres	
Number of Fins on Stand-off	5.0000		
Stand-off Fin Width	25.4000	millimetres	
Borehole Corr. Rm Source	Temperature Corr		
Temp. for Rm Corr.	MCG External Temperature		
Squasher Start	0.0020	mhos/metre	
Borehole Normalisation			
DRM1	0.0000	DRC1	0.0000
DRM2	0.0000	DRC2	0.0000
MRM1	0.0000	MRC1	0.0000
MRM2	0.0000	MRC2	0.0000
SRM1	0.0000	SRC1	0.0000
SRM2	0.0000	SRC2	0.0000

Calibration Site Corrections

Channel 1	0.00	mmhos/metre
Channel 2	0.00	mmhos/metre
Channel 3	0.00	mmhos/metre
Channel 4	0.00	mmhos/metre

Apparent Porosity and Water Saturation Constants

Archie Constant (A)	1.00	
Cementation Exponent (M)	2.00	
Saturation Exponent (N)	2.00	
Saturation of Water for Apor	100.00	percent
Resistivity of Water for Apor and Sw	0.05	ohm-m
Resistivity of Mud Filtrate for Sw	0.00	ohm-m

High Resolution Temperature Calibration MAI 154

Field Calibration on 16-DEC-2006,08:07

	Measured	Calibrated(Deg C)
Lower	1.00	1.00
Upper	10.00	10.00

High Resolution Temperature Constants MAI 154

Pre-filter Length	11
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DOWNHOLE EQUIPMENT

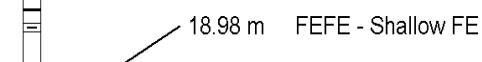
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Compact Gamma
MCG 131 Length: 2.65 m

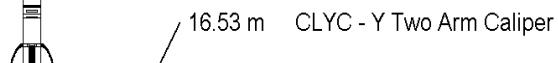
Weight: 63.9 lb


20.98 m GRGC - Gamma Ray
20.10 m CGXT - MCG External Temperature**Compact Focussed Electric**
MFE 111 Length: 1.84 m

Weight: 48.5 lb


18.98 m FEFE - Shallow FE**Compact Two Arm Caliper**
MTC 24 Length: 2.17 m

Weight: 61.7 lb


16.53 m CLYC - Y Two Arm Caliper**Compact Short Gamma**
MGS 29 Length: 1.04 m

Weight: 24.3 lb


15.66 m GRGM - MGS Gamma Ray**Compact InterSonde Crank**
ISC 151 Length: 0.71 m

Weight: 24.3 lb


12.10 m MBTC - MMR Caliper**Compact Micro-Resistivity**

MMR 31 Length: 2.62 m

Weight: 81.6 lb

12.10 m

MINV - MMR MicroLog Inverse

MNRL - MMR MicroLog Normal

Compact Neutron
MDN 16 Length: 1.53 m

Weight: 50.7 lb

10.64 m NPRS - Sandstone Neutron Por.

Compact Density/Caliper
MPD 93 Length: 2.92 m

Weight: 90.4 lb

8.06 m AVOL - Annular Volume
8.06 m HVOL - Hole Volume
8.06 m CLDC - Density Caliper
7.85 m DCOR - Density Correction
7.85 m DPRS - Sandstone Density Por.
7.83 m PDPE - PE

Compact Sonic
MSS 3 Length: 3.82 m

Weight: 72.8 lb

3.95 m TR21 - 3' Transit Time
3.95 m TR11 - 4' Transit Time
3.95 m DT35 - 3-5' Compensated Sonic
3.95 m TR12 - 6' Transit Time
3.95 m TR22 - 5' Transit Time
3.95 m DT34 - 3-4' Compensated Sonic

Compact Induction
MAI 154 Length: 3.29 m

Weight: 48.5 lb

0.79 m RILM - Medium Induction
0.79 m RILD - Deep Induction
0.07 m SPCG - Spontaneous Potential
Tool Zero (0.28m from bottom)

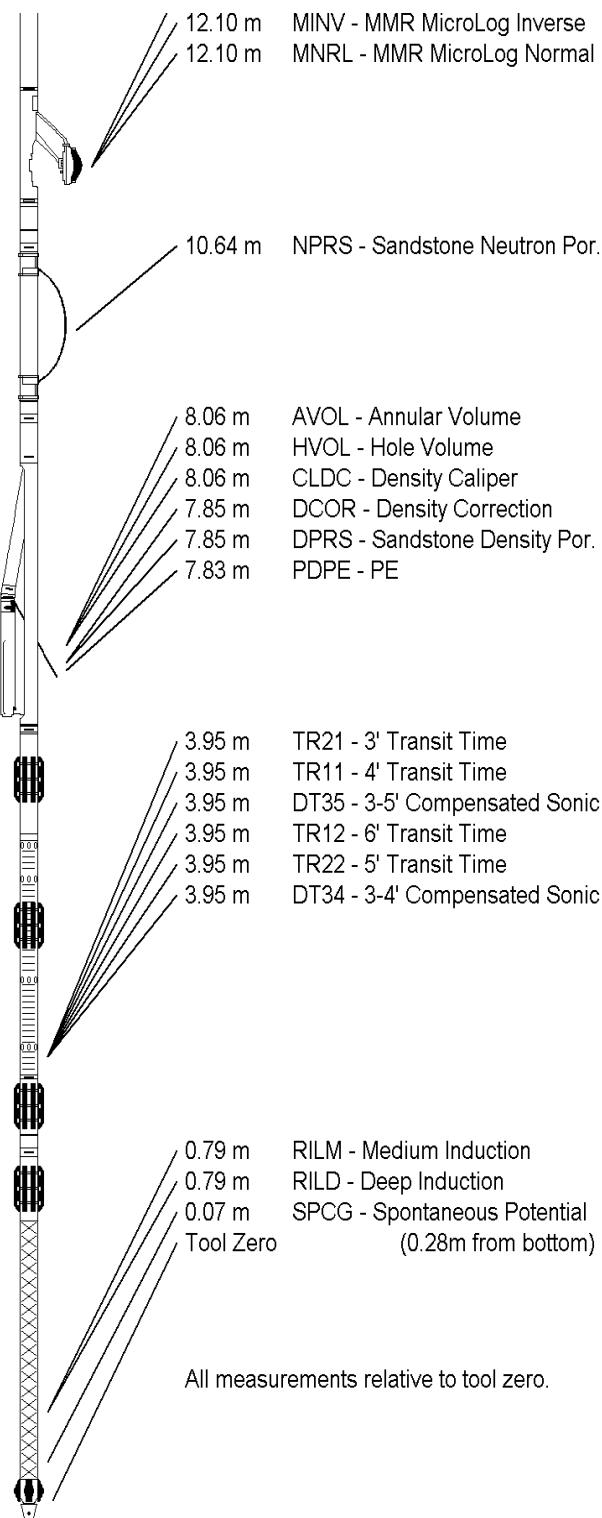
Compact Hole Finder
HFS 1 Length: 0.24 m

Weight: 2.2 lb

All measurements relative to tool zero.

Total Length: 22.83 m

Weight: 568.8 lb



COMPANY
WELL
FIELD
PROVINCE/COUNTY
COUNTRY/STATE

PARAMOUNT RESOURCES LTD
PARA ET AL CAMERON L-73
CAMERON HILLS
NORTHWEST TERRITORIES
CANADA

Elevation Kelly Bushing 774.80 metres
Elevation Drill Floor metrec

First Reading 1447.50 metre
Depth Driller 1150.00 metrec

ELEVATION GROUND LEVEL
Elevation Ground Level

770.80 metres

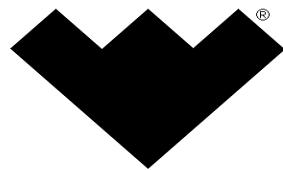
DEPTH LOGGER
Depth Logger

1448.60 metres



Weatherford®

MINIPLOT



MICROLOG

COMPANY
WELL
FIELD
PROVINCE/COUNTY
COUNTRY/STATE
LOCATION

PARAMOUNT RESOURCES LTD
PARA ET AL CAMERON L-73
CAMERON HILLS
NORTHWEST TERRITORIES
CANADA
300/L-73-60-10-117-15

FIELD PRINT

LSD	SEC	TWP	RGE	Other Services PHOTO DENSITY	DUAL SPACED NEUTRON COMPENSATED SONIC XY CALIPERS
API Number Permit Number 1159				ARRAY INDUCTION	
Permanent Datum GROUND LEVEL, Elevation 770.8 metres Log Measured From 4.0 M above Permanent Datum Drilling Measured From KELLY BUSHING					Elevations: KB DF GL
Date		27-FEB-2007			metres 774.80
Run Number		1			
Depth Driller		1450.00	metres		
Depth Logger		1448.60	metres		
First Reading		1436.20	metre		
Last Reading		1300.00	metre		
Casing Driller		436.00	metres		
Casing Logger		435.00	metres		
Bit Size		200.00	mm		
Hole Fluid Type		GELCHEM			
Density / Viscosity		1180.0 kg/M3	85.00	sec/L	
PH / Fluid Loss		10.00	8.00	ml/30Min	
Sample Source		FLOWLINE			
Rm @ Measured Temp		0.54 @ 25.0	ohm-m		
Rmf @ Measured Temp		0.41 @ 25.0	ohm-m		
Rmc @ Measured Temp		0.63 @ 25.0	ohm-m		
Source Rmf / Rmc		PRESS	FILTER		
Rm @ BHT		0.36 @ 47.0	ohm-m		
Time Since Circulation		8.5 HRS			
Max Recorded Temp		47.00	deg C		
Equipment Name		13132			
Equipment / Base		QUINT	GPR		
Recorded By		L. SUTHERLAND			
Witnessed By		A. AHMED			
CIRC STOP		05:30 FEB 27			Last Line

BOREHOLE RECORD

Depth metres	Weight pounds
436.00	1450.00

CASING RECORD

Depth metres	Weight pounds/ft
126.00	25.70

REMARKS

- 1) SOFTWARE ISSUE: WLS 7.01.0195
- 2) CUSTOMER SCALES AND INTERVALS LOGGED.
- 3) MAI, MSS, MPD, MDN, MML, ISC, MGS, MTC, MFE, MCG RAN IN COMBINATION.
- 4) HARDWARE:
 - MAI: TWO 25.4 MM STANDOFFS
 - MSS: THREE 25.4 MM STANDOFFS
 - MDN: DUAL NEUTRON BOWSPRING
 - MTC: ONE SIX-LEAF CENTRALIZER

7) RIG: PD # 129

8) HOLE CEMENT VOLUMES CALCULATED USING DENSITY CALIPER AND TWO ARM CALIPER IN COMBINATION :

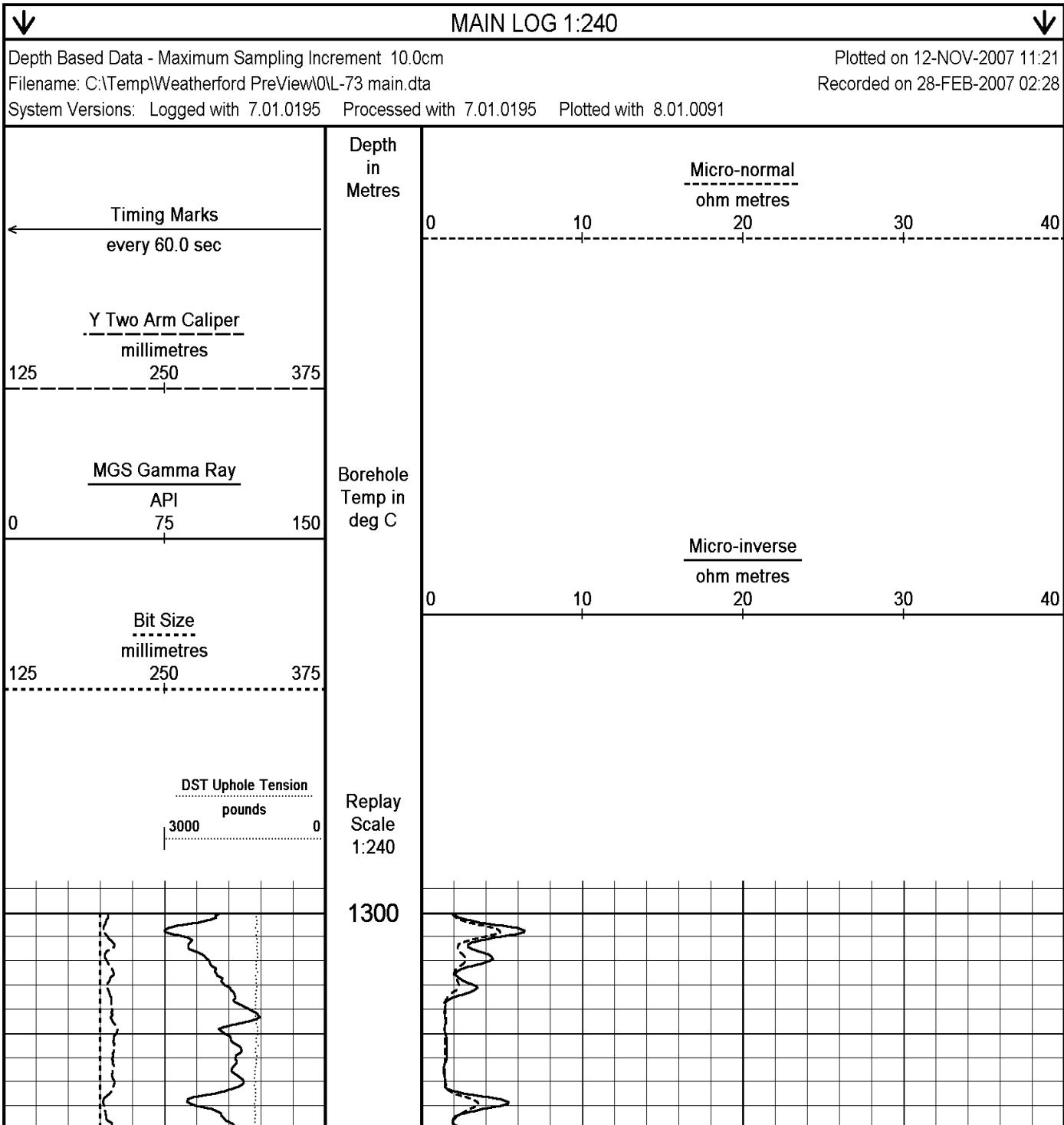
HOLE VOLUME = 36.05 CU.M.

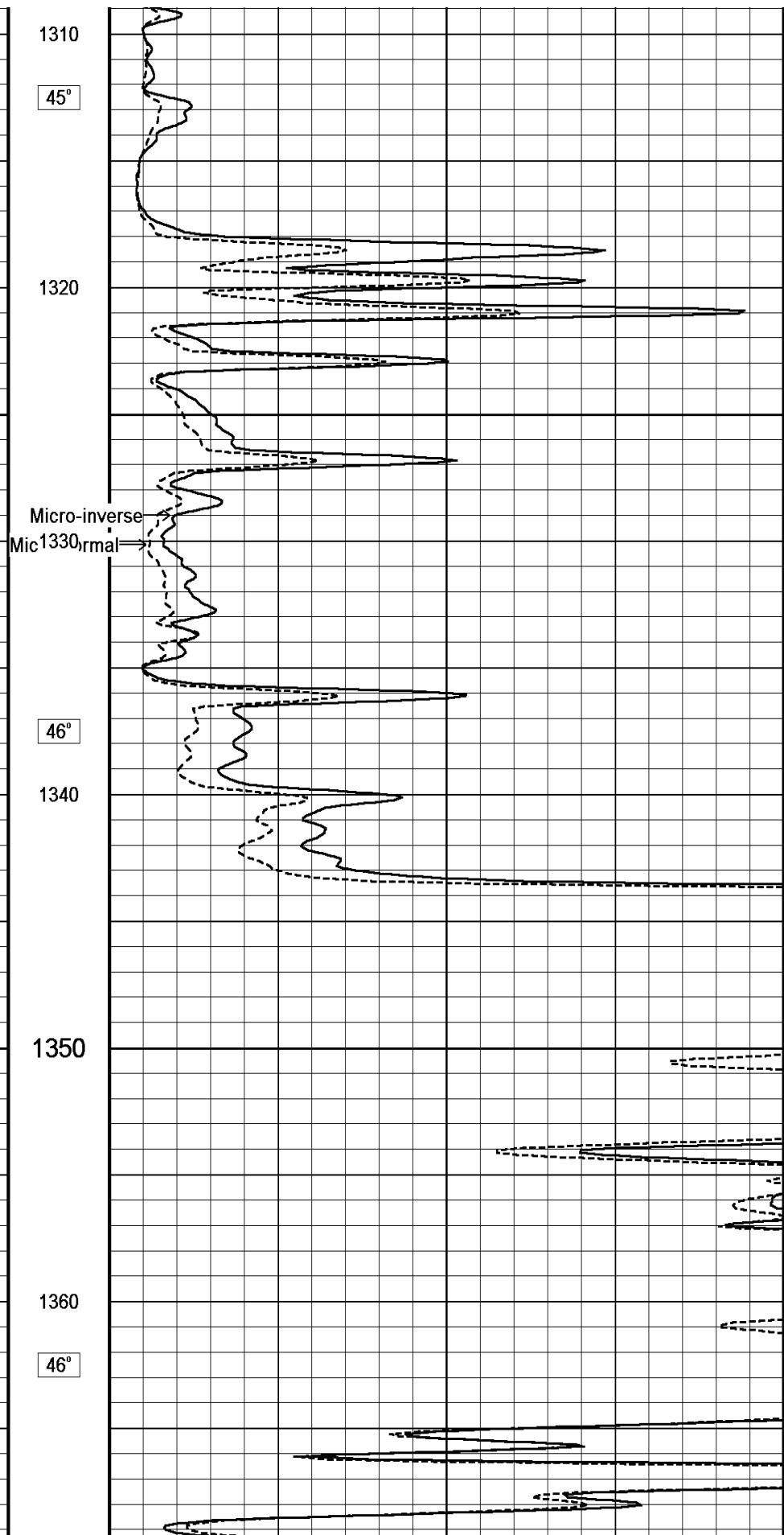
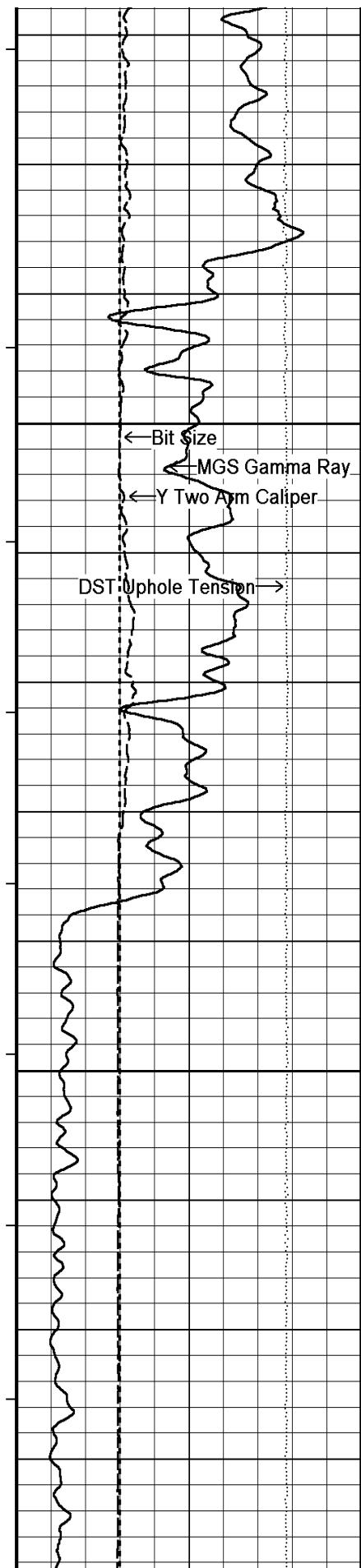
ANNULAR VOLUME USING 139.7 MM PRODUCTION CASING = 20.65 CU.M

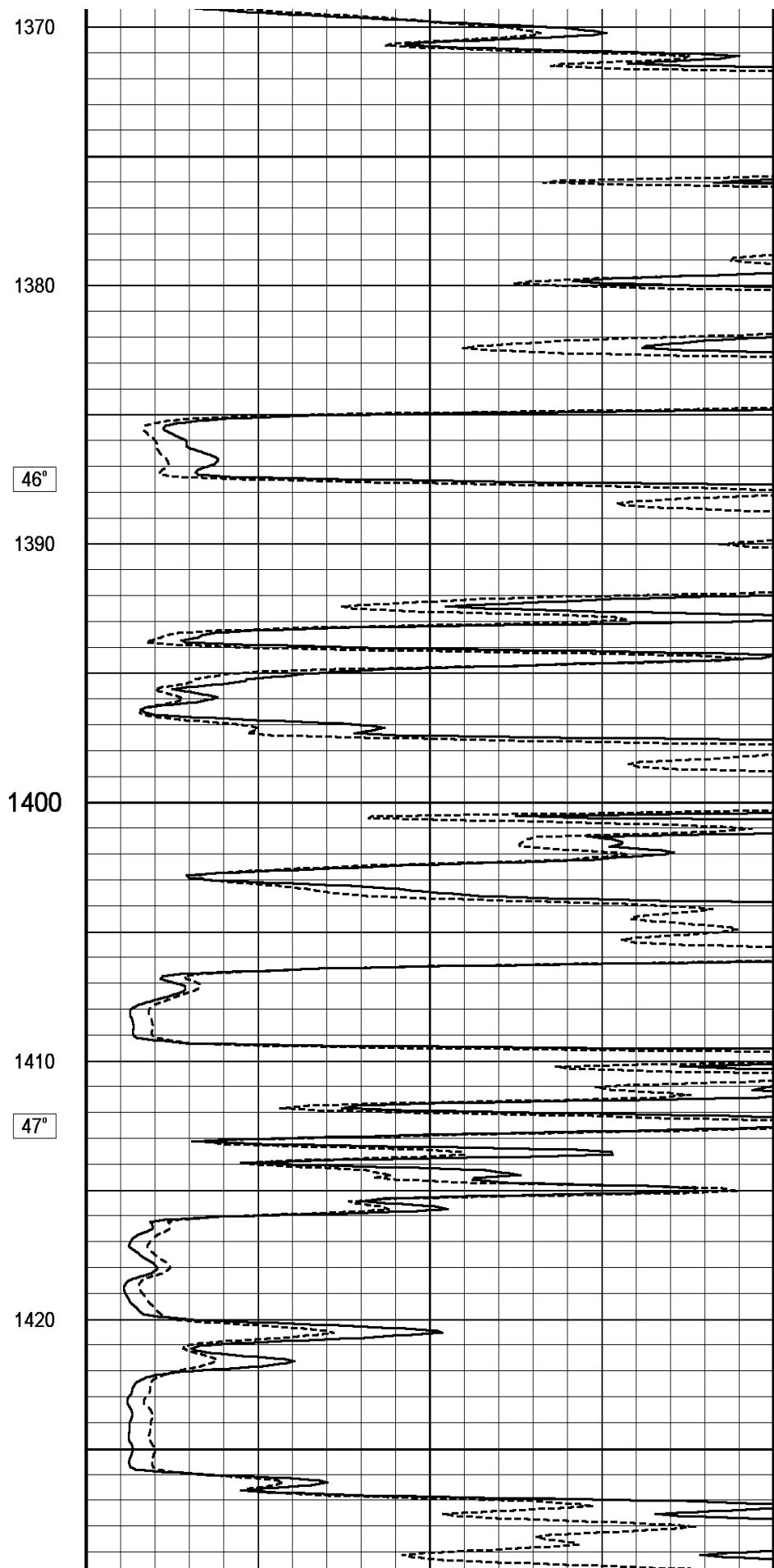
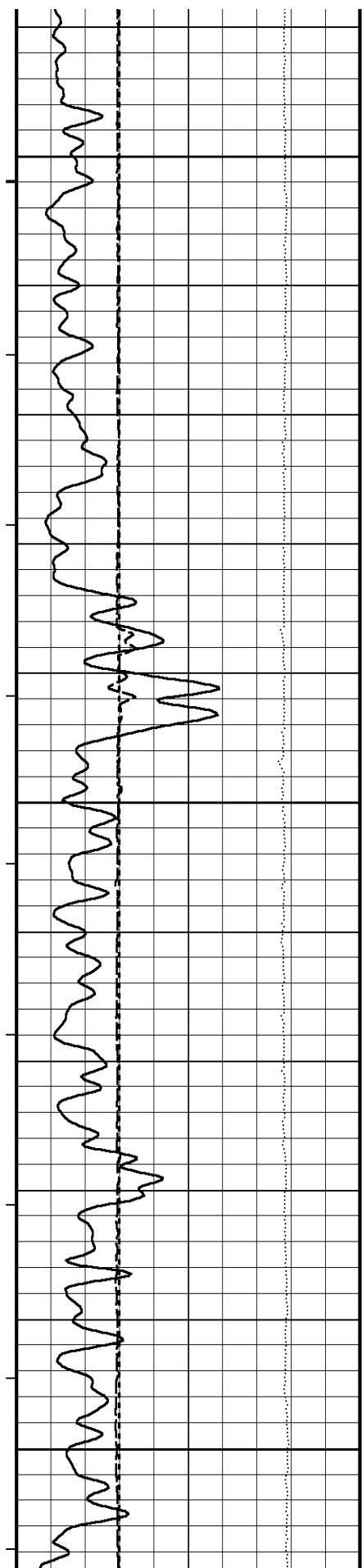
9) AREAS OF BOREHOLE RUGOSITY MAY CAUSE POOR DENSITY PAD CONTACT RESULTING IN HIGH DENSITY CORRECTION AND THUS INVALID DENSITY POROSITY DATA AT THOSE INTERVALS.

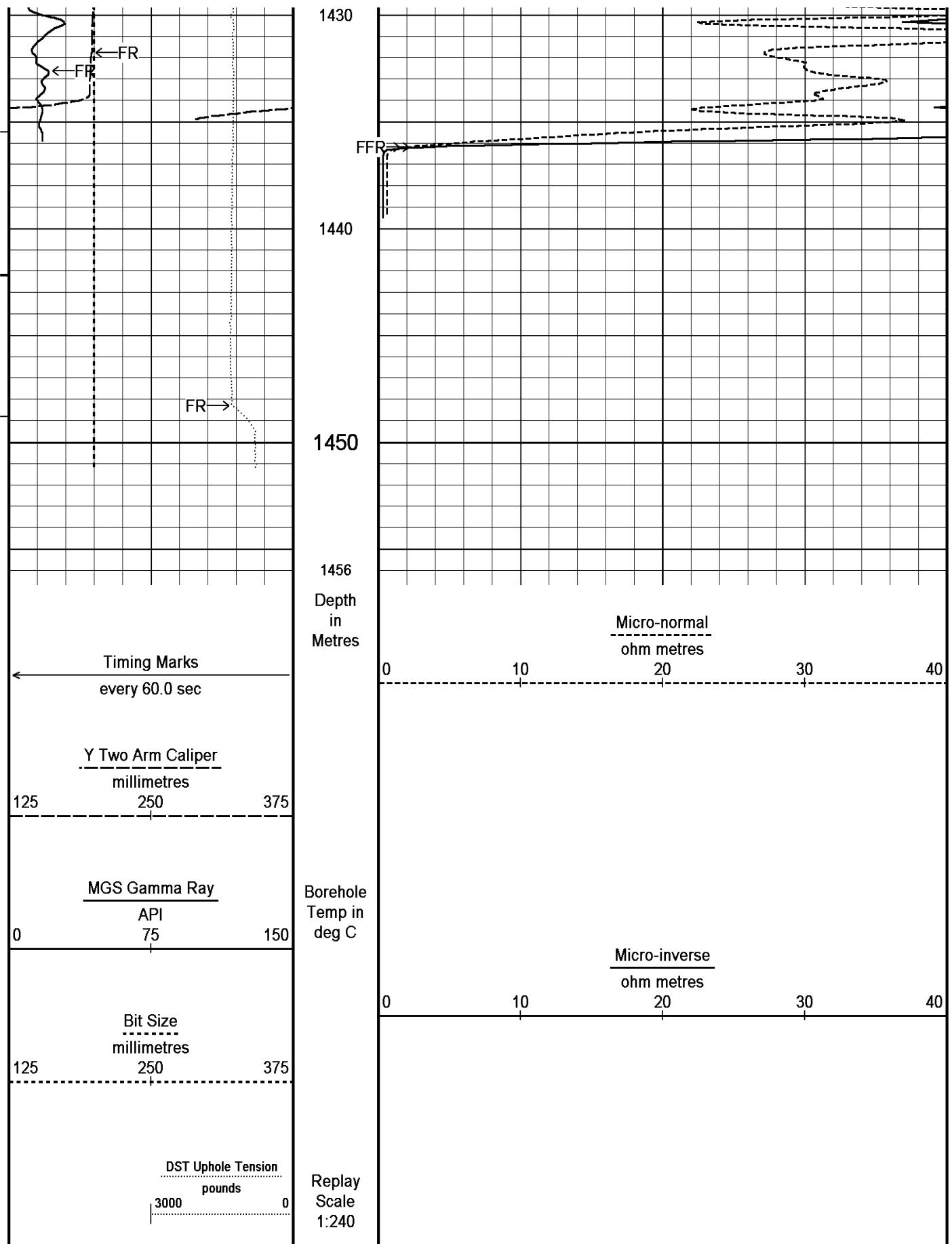
10) SONIC FREE PIPE: 378M

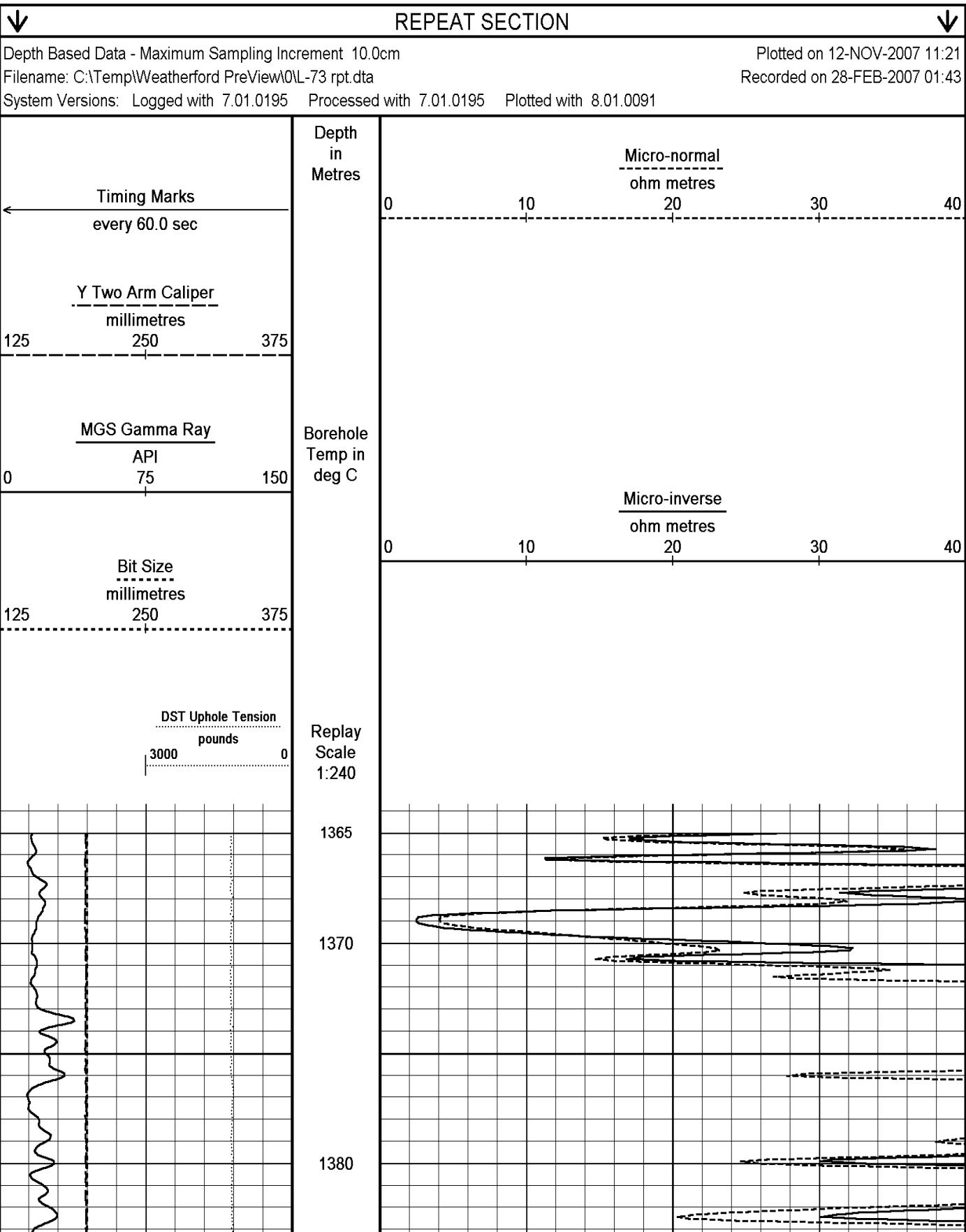
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions in our price schedule.

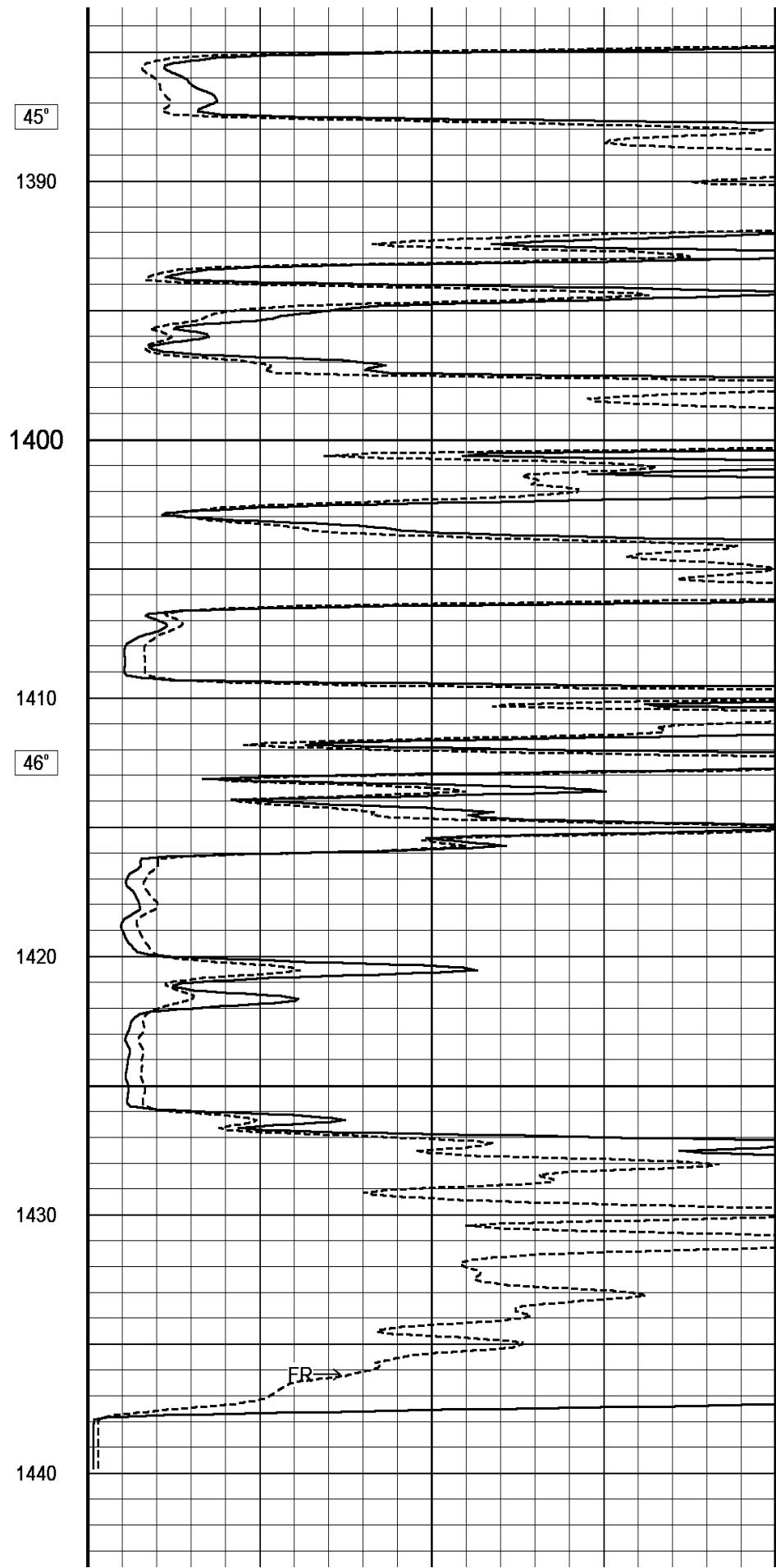
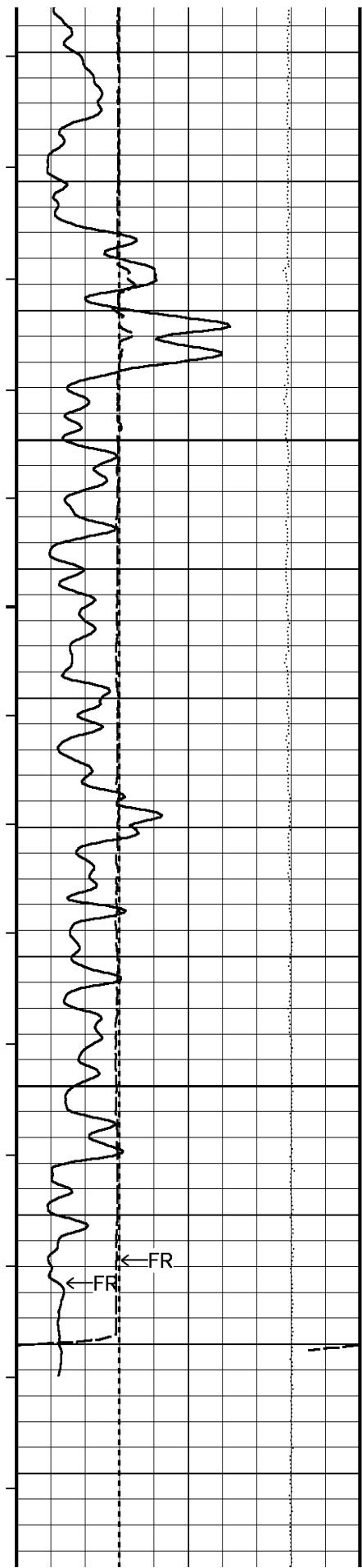


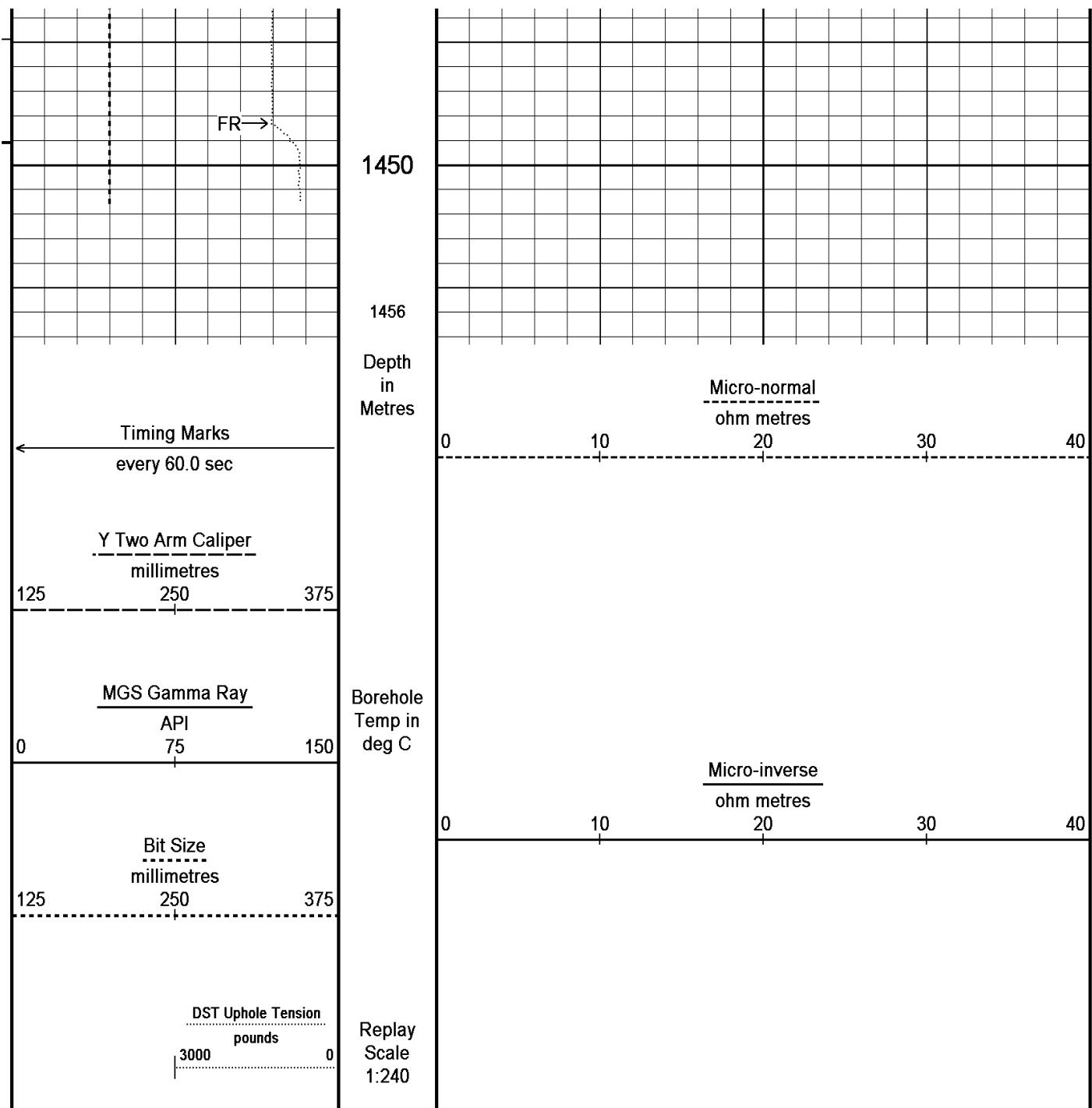












Depth Based Data - Maximum Sampling Increment 10.0cm

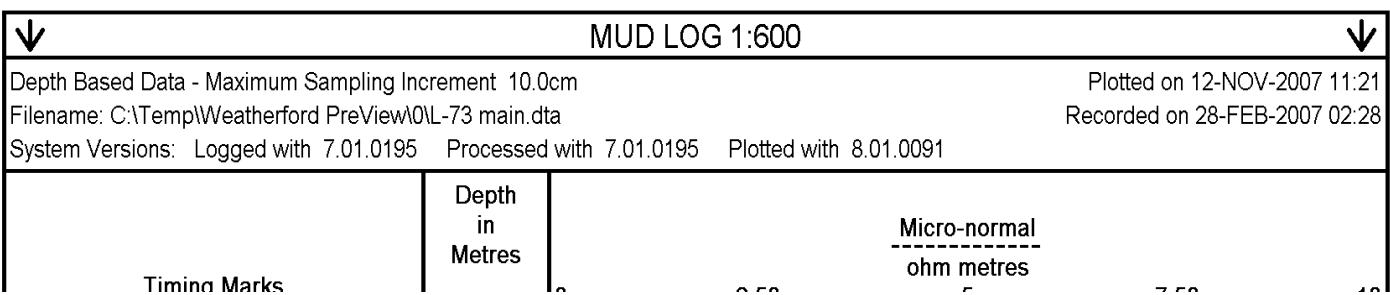
Plotted on 12-NOV-2007 11:21

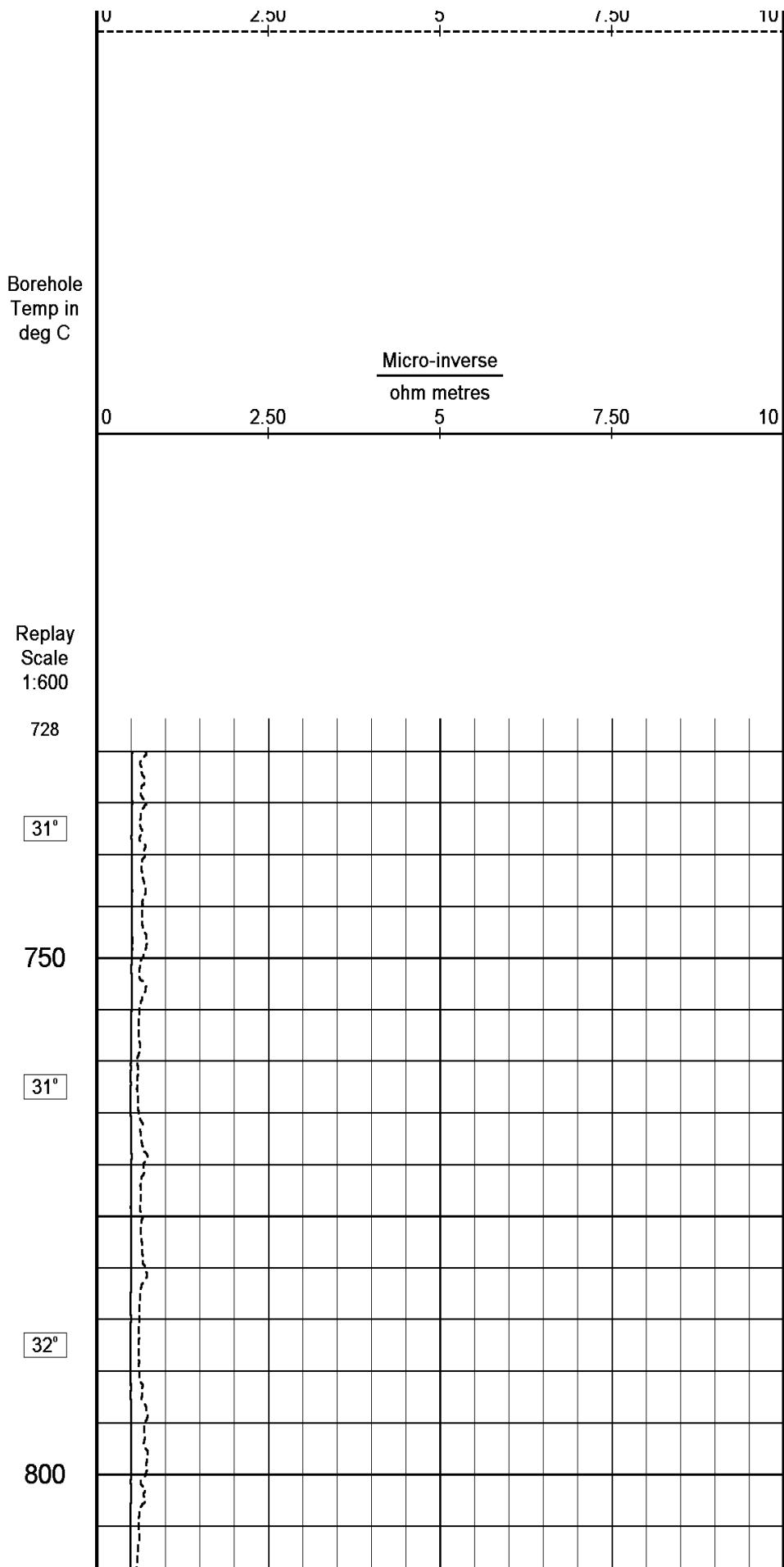
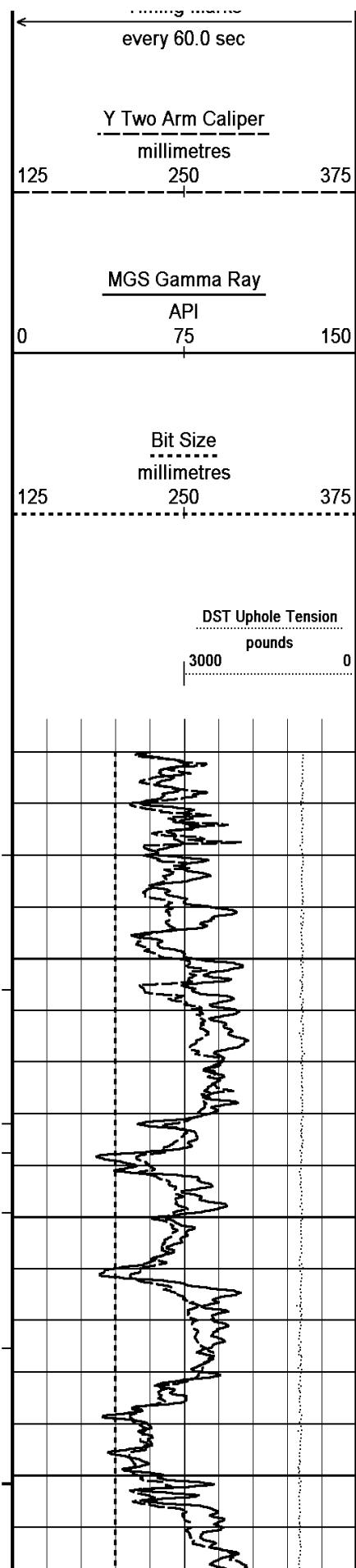
Filename: C:\Temp\Weatherford PreView\0\L-73 rpt.dta

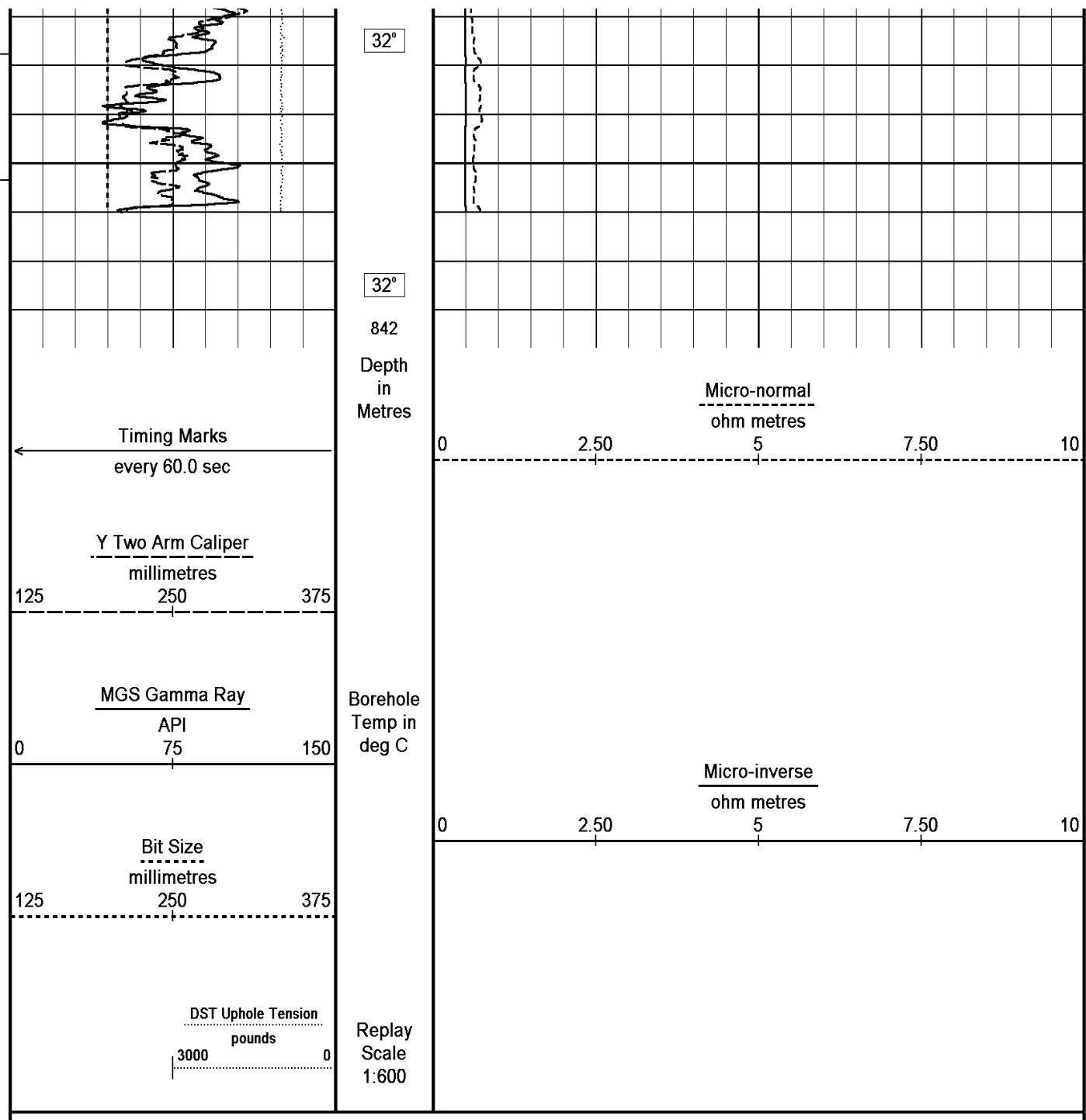
Recorded on 28-FEB-2007 01:43

System Versions: Logged with 7.01.0195 Processed with 7.01.0195 Plotted with 8.01.0091

↑ REPEAT SECTION ↑







Depth Based Data - Maximum Sampling Increment 10.0cm

Plotted on 12-NOV-2007 11:21

Filename: C:\Temp\Weatherford PreView\0\l-73 main.dta

Recorded on 28-FEB-2007 02:28

System Versions: Logged with 7.01.0195 Processed with 7.01.0195 Plotted with 8.01.0091



MUD LOG 1:600



BEFORE SURVEY CALIBRATION

C:\Temp\Weatherford PreView\0\l-73 main.dta

General Constants All 000

Last Edited on 28-FEB-2007,00:23

General Parameters

Mud Resistivity
Mud Resistivity Temperature

0.540 ohm-metres
25.000 degrees C

Water Level	0.000	metres
Density/Neutron Processing	Wet Hole	
Hole/Annular Volume and Differential Caliper Parameters		
HVOL Caliper 1	Density Caliper	
HVOL Caliper 2	Y Two Arm Caliper	
Annular Volume Diameter	139.700	mm
Caliper for Differential Caliper	Density Caliper	
Rwa Parameters		
Porosity used	Base Density Porosity	
Resistivity used	Deep Induction	
RWA Constant A	0.610	
RWA Constant M	2.150	
Gamma Calibration MCG 131		Field Calibration on 26-FEB-2007 10:56
Background	Measured	Calibrated (API)
	56	35
Calibrator (Gross)	1332	829
Calibrator (Net)	1277	794
Gamma Constants MCG 131		Last Edited on 27-FEB-2007,23:06
Gamma Calibrator Number	GRC 095	
Mud Density	1180.00	kg/m3
Caliper Source for Processing	Density Caliper	
Tool Position	Centred	
Concentration of KCl	0.00	kppm
SP Calibration MCG 131		Field Calibration on 24-FEB-2007 11:45
Reference 1	Measured	Calibrated (mV)
	101.0	100.0
Reference 2	-99.3	-100.0
High Resolution Temperature Calibration MCG 131		Field Calibration on 15-DEC-2006,15:05
Lower	Measured	Calibrated(Deg C)
	1.00	1.00
Upper	10.00	10.00
High Resolution Temperature Constants MCG 131		
Pre-filter Length	11	
FE Calibration MFE 111		Base Calibration on 15-FEB-2007 19:40 Field Check on 28-FEB-2007 00:16
Base Calibration	Measured	Calibrated (ohm-m)
Reference 1	0.0	0.0
Reference 2	983.2	126.8
Base Check		278.8
Field Check		279.0
FE Constants MFE 111		Last Edited on 25-FEB-2007,03:56
Caliper Source for FE correction	Density Caliper	
Rm Source for FE correction	Temperature Corr	
Temp. for Rm Corr.	MCG External Temperature	
Stand-off	Centred	millimetres
Caliper Calibration MTC 024		Base Calibration on 6-FEB-2007 10:21 Field Calibration on 28-FEB-2007,00:43
Base Calibration		

Base Calibration		
Reading No	Measured	Calibrator Size (mm)
1	15472	110.00
2	18252	162.00
3	21045	212.00
4	23841	262.00
5	26691	311.00
6	N/A	N/A
Field Calibration		
	Measured Caliper (mm)	Actual Caliper (mm)
	210.30	205.70
Gamma Calibration MGS 029		
	Measured	Calibrated (API)
Background	58	38
Calibrator (Gross)	1286	832
Calibrator (Net)	1228	794
Field Calibration on 20-FEB-2007,01:19		
Gamma Constants MGS 029		
Last Edited on 27-FEB-2007,23:06		
Gamma Calibrator Number	GRCC095	
Mud Density	1180.00	kg/m3
Caliper Source for Processing	Density Caliper	
Tool Position	Centred	
Concentration of KCl	0.00	kppm
SP Calibration MGS 029		
Field Calibration on 7-DEC-2006,17:01		
	Measured	Calibrated (mV)
Reference 1	100.0	100.0
Reference 2	-100.0	-100.0
High Resolution Temperature Calibration MGS 029		
Field Calibration on 7-DEC-2006,17:01		
	Measured	Calibrated(Deg C)
Lower	1.00	1.00
Upper	5.00	5.00
High Resolution Temperature Constants MGS 029		
Pre-filter Length	11	
Micro Laterolog Constants MMR 031		
Micro Laterolog K Factor	0.0128	
Standoff Offset	0.0000	inches
Borehole Correction Constants		
Mud Cake Source	Constant Value	
Mud Cake Thickness	0.4000	inches
Mud Cake Thickness Caliper	0	
Mud Cake Resistivity	0.1500	ohm-m
Caliper Calibration MMR 031		
Base Calibration on 27-FEB-2007,13:43		
Field Calibration on 28-FEB-2007,00:43		
Base Calibration		
Reading No	Measured	Calibrator Size (mm)
1	14876	162.00
2	17978	212.00
3	21602	262.00
4	24308	311.00
5	0	0.00
6	N/A	N/A
Field Calibration		

Measured Caliper (mm)	Actual Caliper (mm)				
205.60	205.70				
Micro Normal and Micro Inverse Calibration MMR 031			Base Calibration on 27-FEB-2007,13:43		
Base Calibration			Field Check on 28-FEB-2007 00:34		
Channel	Measured	Calibrated (ohm-m)			
Resistor 1	Resistor 2	Resistor 1	Resistor 2		
Micro Normal	9.8	49.9	5.1		
Micro Inverse	9.8	49.8	3.4		
Channel	Base Check (ohm-m)	Field Check (ohm-m)			
Micro Normal	94.7	92.9			
Micro Inverse	61.6	61.6			
Micro Normal and Micro Inverse Constants MMR 031			Last Edited on 25-NOV-2006,14:14		
Micro Normal K Factor	0.5110				
Micro Inverse K Factor	0.3380				
Standoff Offset	0.0000	millimetres			
Neutron Calibration MDN 016			Base Calibration on 11-JAN-2007 20:47		
Base Calibration			Field Check on 27-FEB-2007 23:30		
Ratio	Measured	Calibrated (cps)			
Near	Far	Near	Far		
3219	98	3714	110		
	32.703		33.764		
Field Calibrator at Base	Calibrated (cps)				
Ratio	2486	3648	0.681		
Field Check	Calibrated (cps)				
Ratio	2568	3767	0.682		
Neutron Constants MDN 016			Last Edited on 25-FEB-2007,03:55		
Neutron Source Id	277				
Neutron Jig Number	N636				
Epithermal Neutron	No				
Caliper Source for Processing	Density Caliper				
Stand-off	0.00	mm			
Mud Density	1000.00	kg/m3			
Limestone Sigma	7.10	cu			
Sandstone Sigma	4.26	cu			
Dolomite Sigma	4.70	cu			
Formation Pressure Source	Constant Value				
Formation Pressure	0.00	kPa			
Temperature Source	Constant Value				
Temperature	20.00	degrees C			
Mud Salinity	0.00	kppm			
Formation Fluid Salinity Source	Constant Value				
Formation Fluid Salinity	0.00	kppm			
Barite Mud Correction	Not Applied				
Photo Density Calibration MPD 093			Base Calibration on 21-FEB-2007 18:37		
Density Calibration			Field Check on 27-FEB-2007 23:24		
Base Calibration					
Reference 1	Measured	Calibrated (sdu)			
Near	Far	Near	Far		
66461	35432	60352	31615		
Reference 2	27582	2460	25043		
			2540		

Field Check at Base	738.4	855.4
Field Check	743.9	865.6
PE Calibration		
Base Calibration		
	WS	Measured
		WH
Background	135	656
Reference 1	27020	66295
Reference 2	7311	27477
		Ratio
		Calibrated
		Ratio
Field Check at Base	135.0	656.2
Field Check	134.5	658.1

Caliper Calibration MPD 093	Base Calibration on 11-JAN-2007 21:58 Field Calibration on 28-FEB-2007,00:44
Base Calibration	
Reading No	Measured
1	15040
2	23085
3	31440
4	40233
5	49152
6	N/A
Field Calibration	
Measured Caliper (mm)	Actual Caliper (mm)
207.70	205.70

Sonic Constants MSS 003			Last Edited on 27-FEB-2007,23:07
Maximum Boundary Contrast	328.08	micro-sec/m	
Fluid Transit Time	620.08	micro-sec/m	
Limestone Transit Time	155.84	micro-sec/m	

Sandstone Transit Time	182.09	micro-sec/m
Dolomite Transit Time	142.72	micro-sec/m
Sonic used for Porosities	3-5' Compensated Sonic	
Correction for Sonde Skew	Applied	
Cycle Stretch Algorithm	Applied	
MN3FT	N/A	micro-sec
MX3FT	N/A	micro-sec
Hunt-Raymer Constant	0.00	0
Fixed Gate Parameters		
Start Time (micro-sec)	End Time (micro-sec)	Discriminator (mV)
N/A	N/A	N/A
Down Hole Fixed Gate Parameters		
Gate Start	N/A	micro-sec
Gate Width	N/A	micro-sec
Initial Discriminator Level	0.0000	mVolts
Full Waveform Parameters		
Use 3' Waveform to derive TR	N/A	
Use 4' Waveform to derive TR	N/A	
Use 5' Waveform to derive TR	N/A	
Use 6' Waveform to derive TR	N/A	
3' Waveform Discriminator Level	N/A	mV
4' Waveform Discriminator Level	N/A	mV
5' Waveform Discriminator Level	N/A	mV
6' Waveform Discriminator Level	N/A	mV
3' Waveform Filter	N/A	
4' Waveform Filter	N/A	
5' Waveform Filter	N/A	
6' Waveform Filter	N/A	
Semblance Level	N/A	
Semblance Window Width	N/A	micro-sec
Sonic 1 Despiker	N/A	N/A
Sonic 2 Despiker	N/A	N/A

Induction Calibration MAI 154

Base Calibration on 14-JAN-2007 01:38
Field Check on 28-FEB-2007 00:33

Base Calibration

Test Loop Calibration	Measured		Calibrated (mmho/m)		
	Channel	Low	High	Low	High
1	16.6	470.6	9.3	966.2	
2	6.3	383.0	7.6	821.4	
3	4.0	264.7	5.2	566.0	
4	2.3	136.2	2.6	279.2	

Array Temperature 22.3 Deg C

Channel	Base Check (mmho/m)		Field Check (mmho/m)	
	Low	High	Low	High
1	13.1	3867.2	15.3	3866.9
2	29.6	3530.7	30.2	3528.9
3	26.8	3001.8	27.1	2999.9
4	18.4	2040.8	18.6	2039.5
Deep	15.3	1926.8	15.7	1925.6
Medium	39.6	3962.8	39.7	3960.1
Shallow	45.8	5270.7	46.6	5268.1

Array Temperature 12.1 28.0 Deg C

Induction Model	VECTAR		
Caliper for Borehole Corr.	Density Caliper		
Hole Size for Borehole Correction	N/A	millimetres	
Stand-off	25.40	millimetres	
Number of Fins on Stand-off	5.0000	millimetres	
Stand-off Fin Width	25.4000	millimetres	
Borehole Corr. Rm Source	Temperature Corr		
Temp. for Rm Corr.	MCG External Temperature		
Squasher Start	0.0020	mhos/metre	
Borehole Normalisation			
DRM1	0.0000	DRC1	0.0000
DRM2	0.0000	DRC2	0.0000
MRM1	0.0000	MRC1	0.0000
MRM2	0.0000	MRC2	0.0000
SRM1	0.0000	SRC1	0.0000
SRM2	0.0000	SRC2	0.0000
Calibration Site Corrections			
Channel 1	0.00	mmhos/metre	
Channel 2	0.00	mmhos/metre	
Channel 3	0.00	mmhos/metre	
Channel 4	0.00	mmhos/metre	
Apparent Porosity and Water Saturation Constants			
Archie Constant (A)	1.00		
Cementation Exponent (M)	2.00		
Saturation Exponent (N)	2.00		
Saturation of Water for Apor	100.00	percent	
Resistivity of Water for Apor and Sw	0.05	ohm-m	
Resistivity of Mud Filtrate for Sw	0.00	ohm-m	

High Resolution Temperature Calibration MAI 154

Field Calibration on 16-DEC-2006,08:07

	Measured	Calibrated(Deg C)
Lower	1.00	1.00
Upper	10.00	10.00

High Resolution Temperature Constants MAI 154

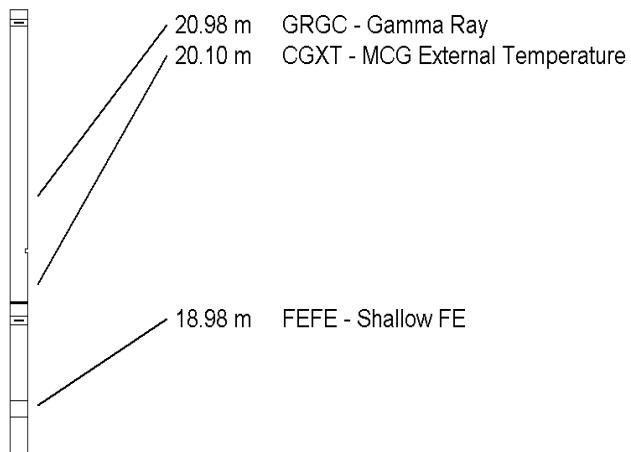
Pre-filter Length	11
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DOWNHOLE EQUIPMENT

C:\Temp\Weatherford PreView\0\l-73 main.dta

Compact Gamma
MCG 131 Length: 2.65 m

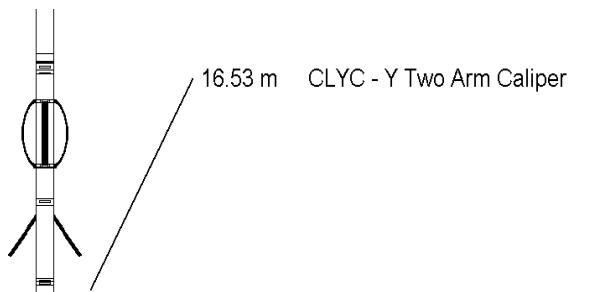
Weight: 63.9 lb

Compact Focussed Electric
MFE 111 Length: 1.84 m

Weight: 48.5 lb

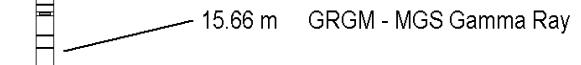
Compact Two Arm Caliper
MTC 24 Length: 2.17 m

Weight: 61.7 lb



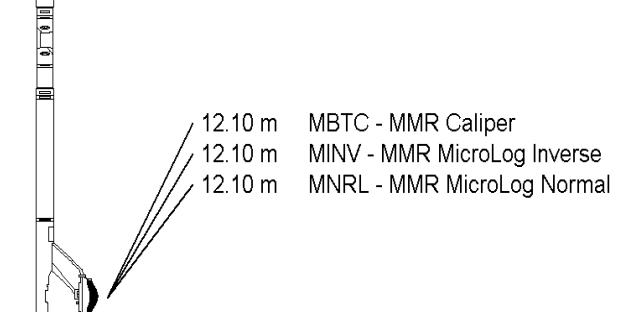
Compact Short Gamma
MGS 29 Length: 1.04 m

Weight: 24.3 lb



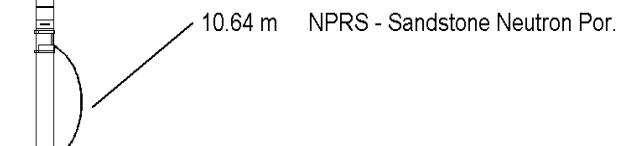
Compact InterSonde Crank
ISC 151 Length: 0.71 m

Weight: 24.3 lb



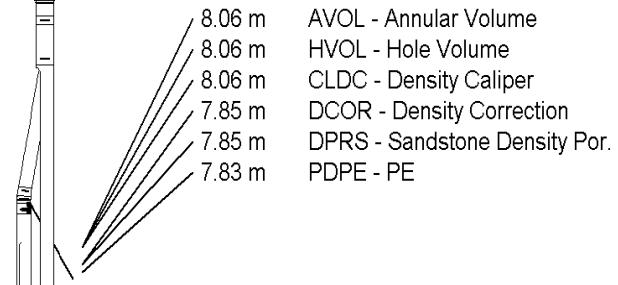
Compact Neutron
MDN 16 Length: 1.53 m

Weight: 50.7 lb



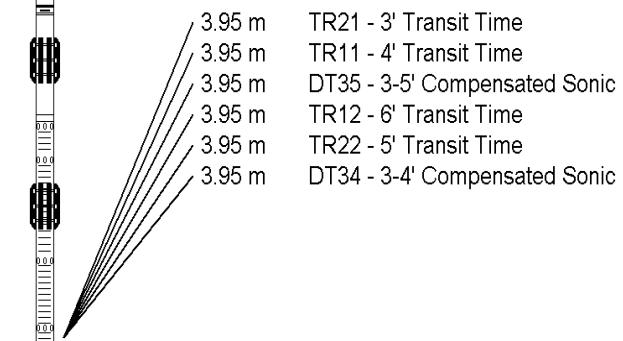
Compact Density/Caliper
MPD 93 Length: 2.92 m

Weight: 90.4 lb



Compact Sonic
MSS 3 Length: 3.82 m

Weight: 72.8 lb



Compact Induction
MAI 154 Length: 3.29 m

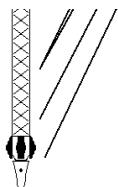
Weight: 48.5 lb



Compact Hole Finder
HFS 1 Length: 0.24 m

Weight: 2.2 lb

Total Length: 22.83 m Weight: 568.8 lb



All measurements relative to tool zero.

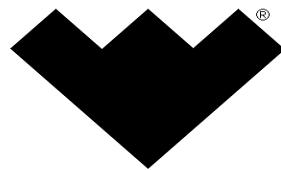
COMPANY	PARAMOUNT RESOURCES LTD
WELL	PARA ET AL CAMERON L-73
FIELD	CAMERON HILLS
PROVINCE/COUNTY	NORTHWEST TERRITORIES
COUNTRY/STATE	CANADA

Elevation Kelly Bushing	774.80	metres	First Reading	1436.20	metre
Elevation Drill Floor		metres	Depth Driller	1450.00	metres
Elevation Ground Level	770.80	metres	Depth Logger	1448.60	metres



Weatherford®

MICROLOG



COMPENSATED SONIC

COMPANY **PARAMOUNT RESOURCES LTD**
WELL **PARA ET AL CAMERON L-73**
FIELD **CAMERON HILLS**
PROVINCE/COUNTY **NORTHWEST TERRITORIES**
COUNTRY/STATE **CANADA**
LOCATION **300/L-73-60-10-117-15** **FIELD PRINT**

LSD	SEC	TWP	RGE	Other Services PHOTO DENSITY MICROLOG ARRAY INDUCTION	DUAL SPACED NEUTRON XY CALIPERS
API Number Permit Number 1159					
Permanent Datum GROUND LEVEL, Elevation 770.8 metres				Elevations:	metres
Log Measured From 4.0 M above Permanent Datum				KB	774.80
Drilling Measured From KELLY BUSHING				DF	
				GL	770.80

Date	27-FEB-2007		
Run Number	1		
Depth Driller	1450.00	metres	
Depth Logger	1448.60	metres	
First Reading	1444.30	metre	
Last Reading	435.00	metre	
Casing Driller	436.00	metres	
Casing Logger	435.00	metres	
Bit Size	200.00	mm	
Hole Fluid Type	GELCHEM		
Density / Viscosity	1180.0 kg/M3	85.00 sec/L	
PH / Fluid Loss	10.00	8.00 ml/30Min	
Sample Source	FLOWLINE		
Rm @ Measured Temp	0.54 @ 25.0	ohm-m	
Rmf @ Measured Temp	0.41 @ 25.0	ohm-m	
Rmc @ Measured Temp	0.63 @ 25.0	ohm-m	
Source Rmf / Rmc	PRESS	FILTER	
Rm @ BHT	0.36 @ 47.0	ohm-m	
Time Since Circulation	8.5 HRS		
Max Recorded Temp	47.00	deg C	
Equipment Name	13132		
Equipment / Base	QUINT	GPR	
Recorded By	L. SUTHERLAND		
Witnessed By	A. AHMED		
CIRC STOP	05:30 FEB 27		Last Line

last Edited: 28-FEB-2007 03:49

Depth To metres	Weight pounds/ft
436.00	
1450.00	

BOREHOLE RECORD

Depth To metres	Weight pounds/ft
436.00	25.70
1450.00	

CASING RECORD

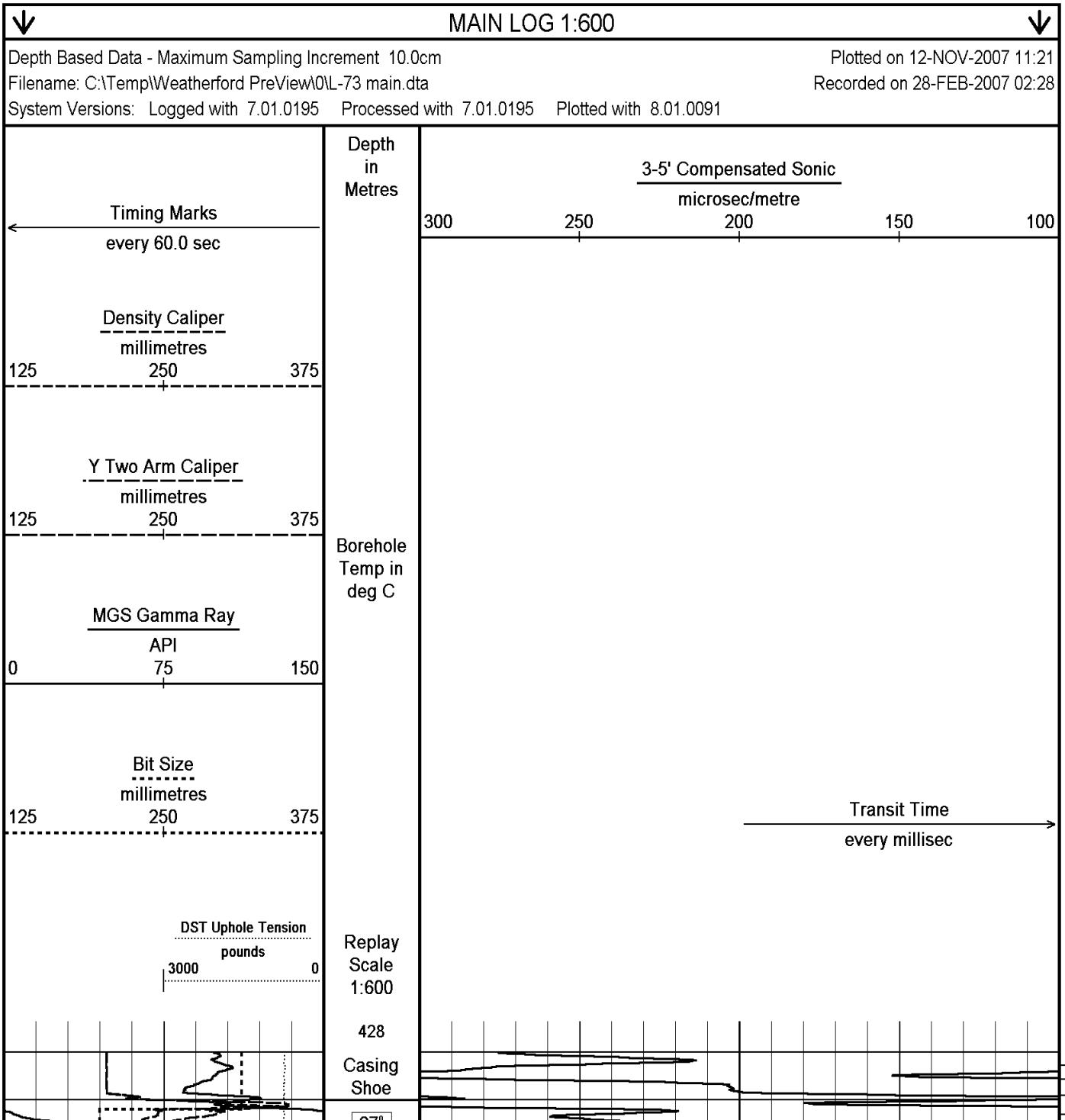
REMARKS

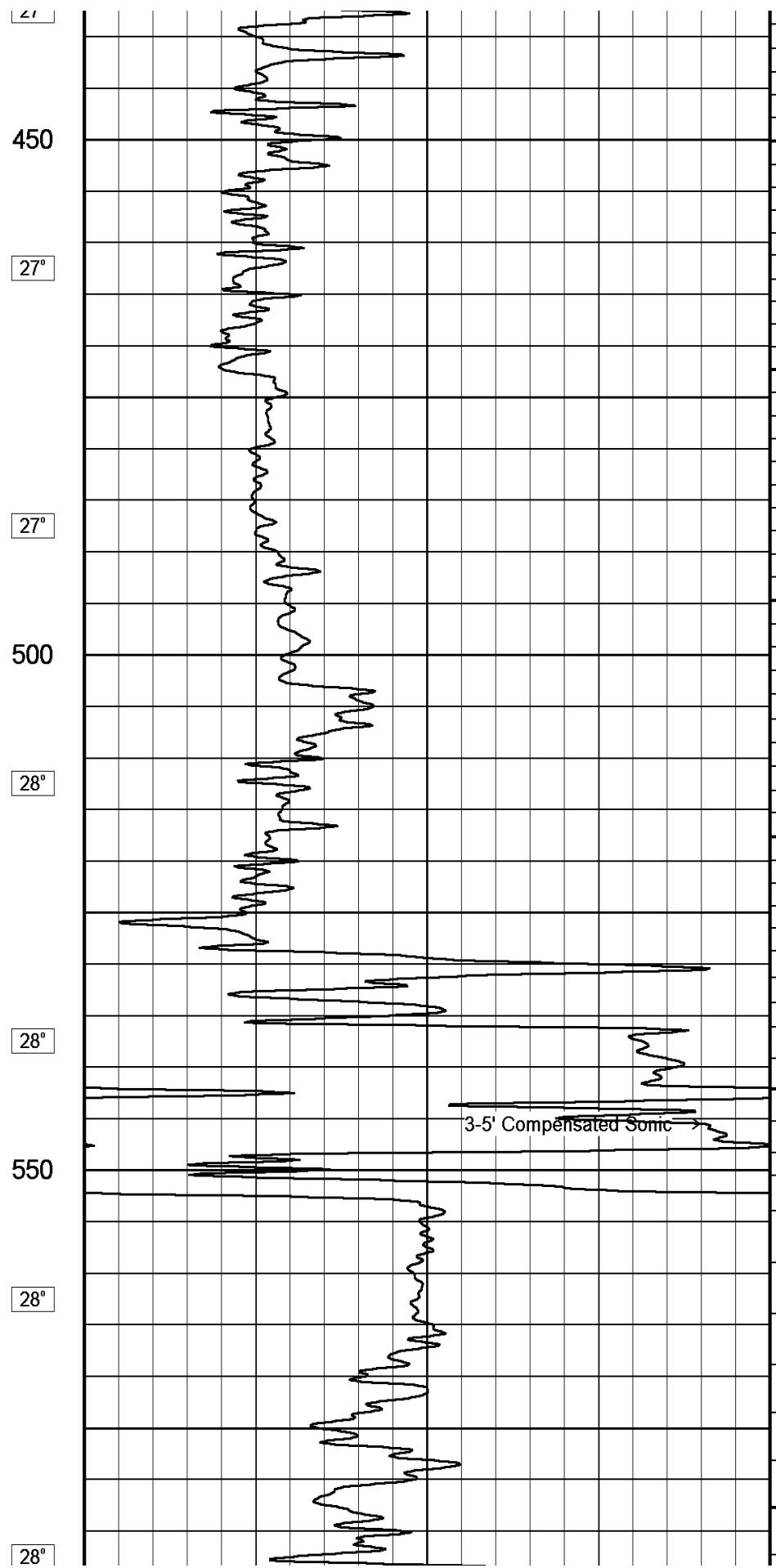
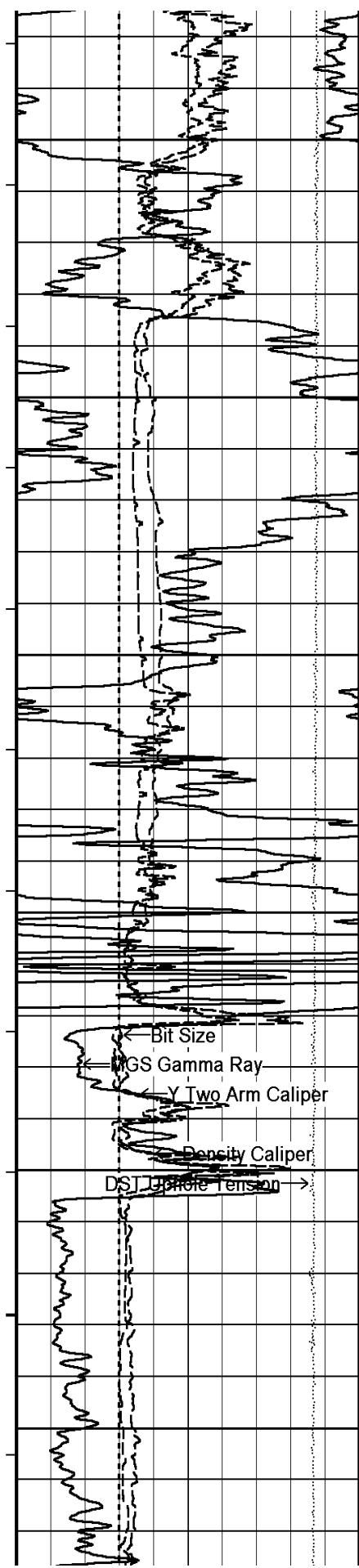
- 1) SOFTWARE ISSUE: WLS 7.01.0195
- 2) CUSTOMER SCALES AND INTERVALS LOGGED.
- 3) MAI: MSS, MPD, MDN, MML, ISC, MGS, MTC, MFE, MCG RAN IN COMBINATION.
- 4) HARDWARE: MAI: TWO 25.4 MM STANDOFFS
MSS: THREE 25.4 MM STANDOFFS
MDN: DUAL NEUTRON BOWSPRING
MTC: ONE SIX-LEAF CENTRALIZER

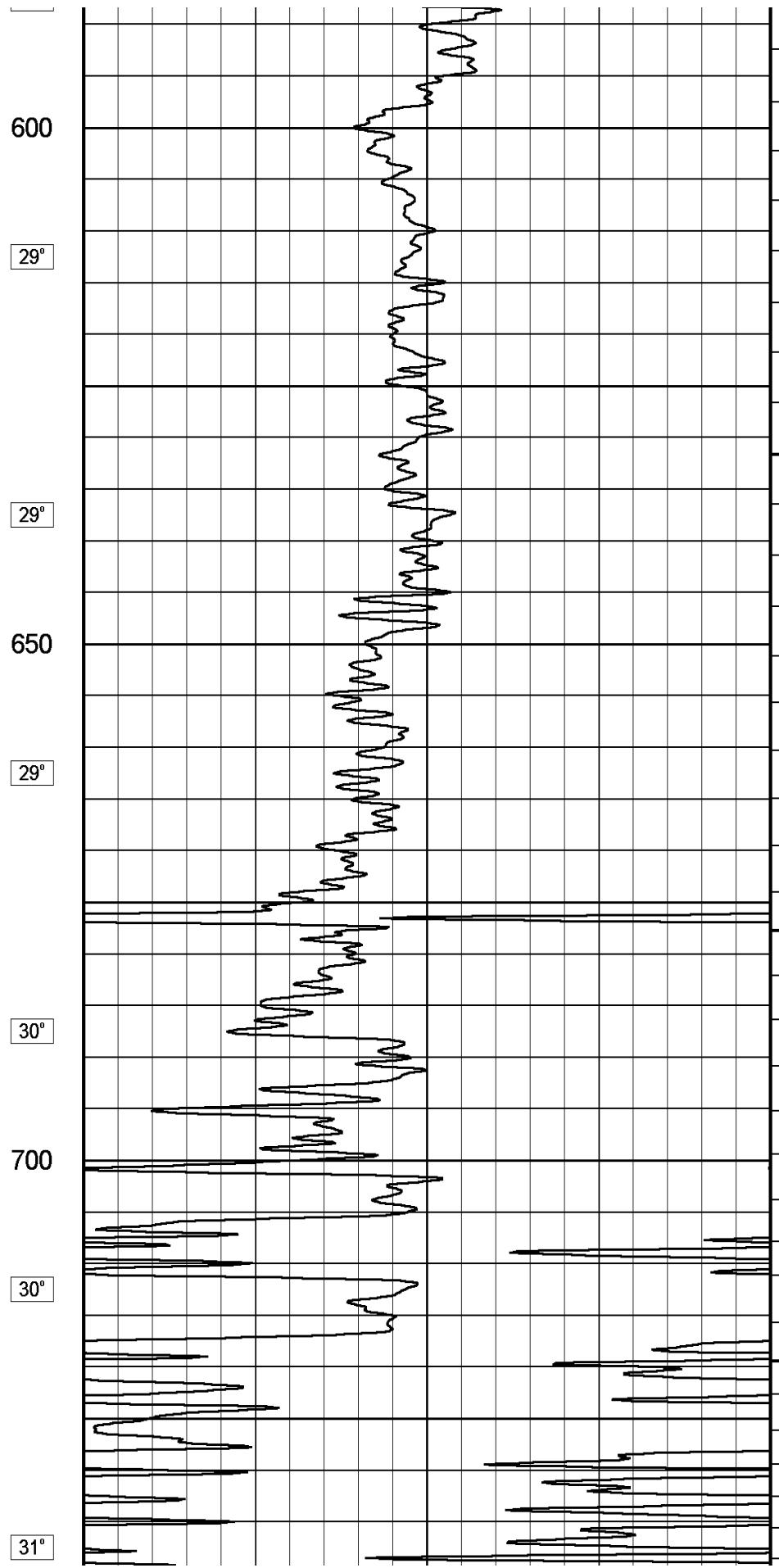
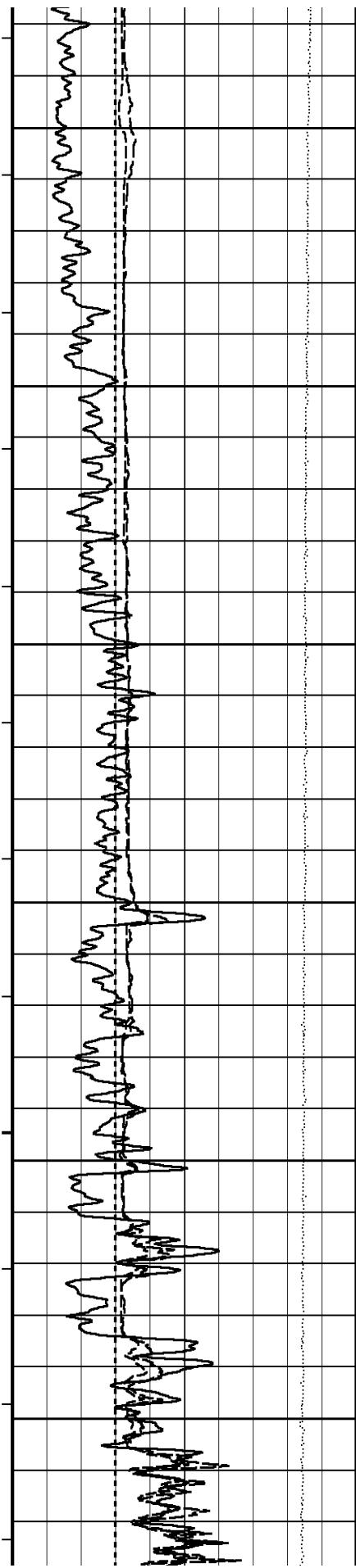
5) SAP# 4147855 FIELD TICKET #30074798
6) #FIELD PRINTS = 3 #FINAL PRINTS = UNKNOWN

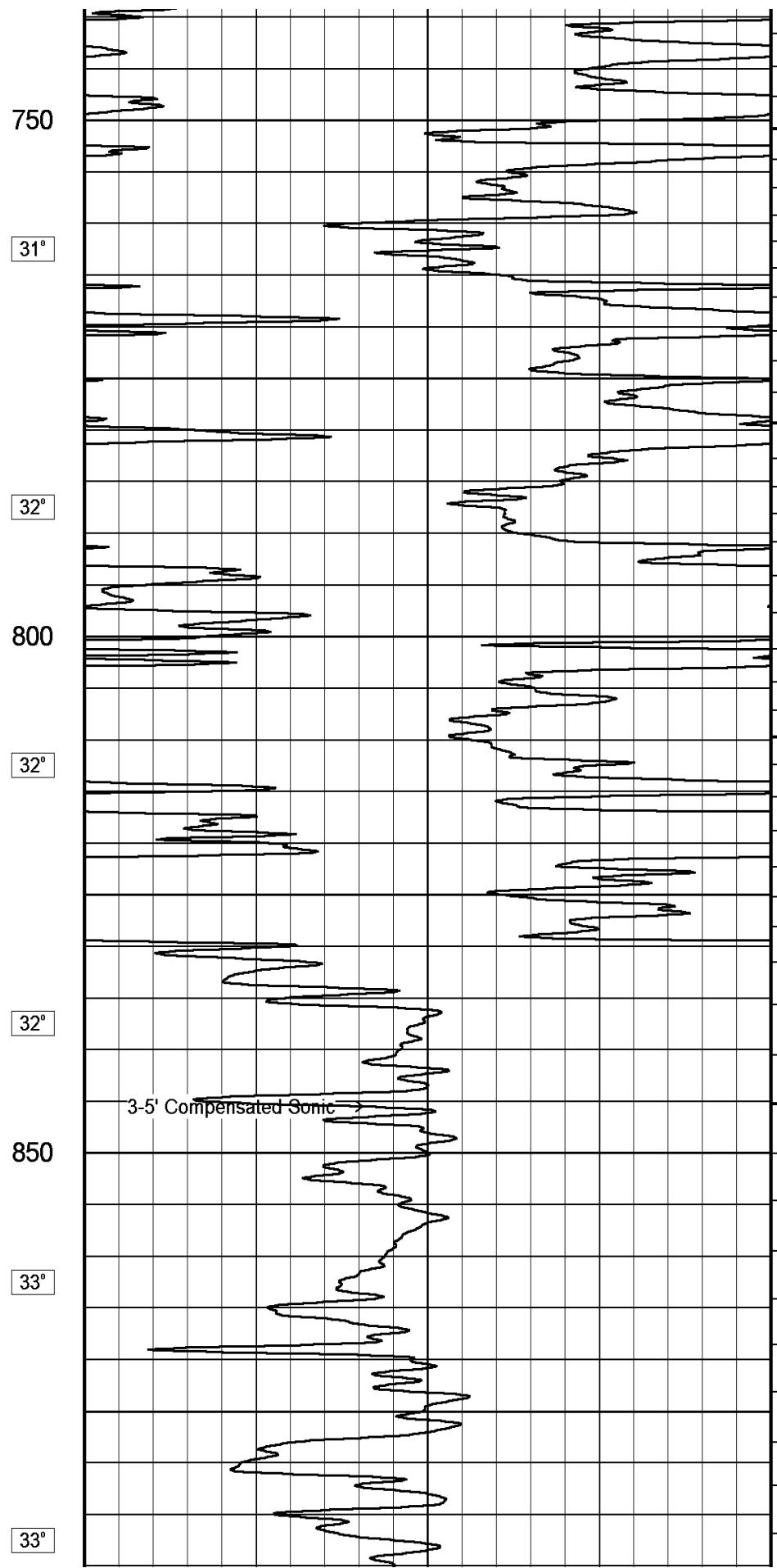
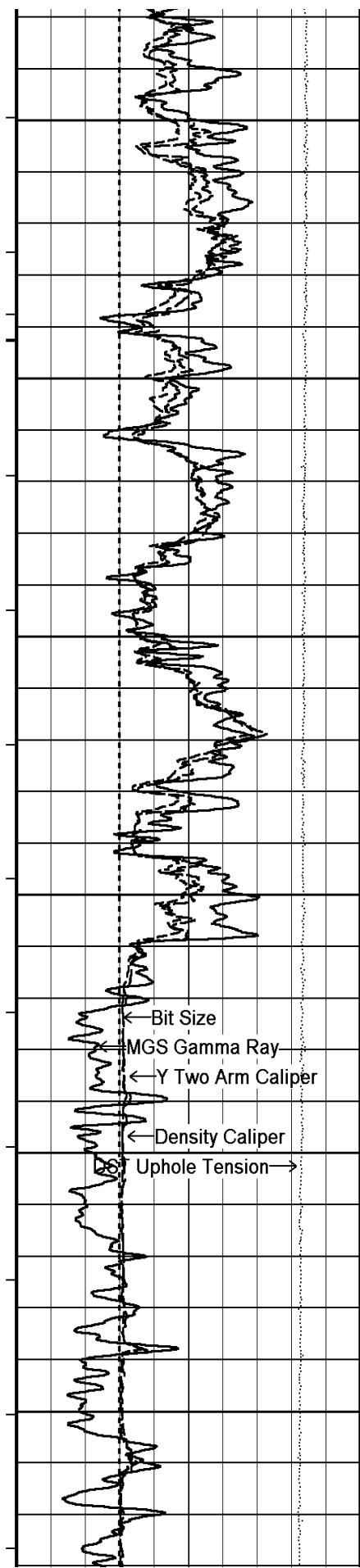
7) RIG: PD # 129
 8) HOLE CEMENT VOLUMES CALCULATED USING DENSITY CALIPER AND TWO ARM CALIPER IN COMBINATION :
 HOLE VOLUME = 36.05 CU.M.
 ANNULAR VOLUME USING 139.7 MM PRODUCTION CASING = 20.65 CU.M
 9) AREAS OF BOREHOLE RUGOSITY MAY CAUSE POOR DENSITY PAD CONTACT RESULTING IN HIGH DENSITY CORRECTION AND
 THUS INVALID DENSITY POROSITY DATA AT THOSE INTERVALS.
 10) SONIC FREE PIPE: 378M

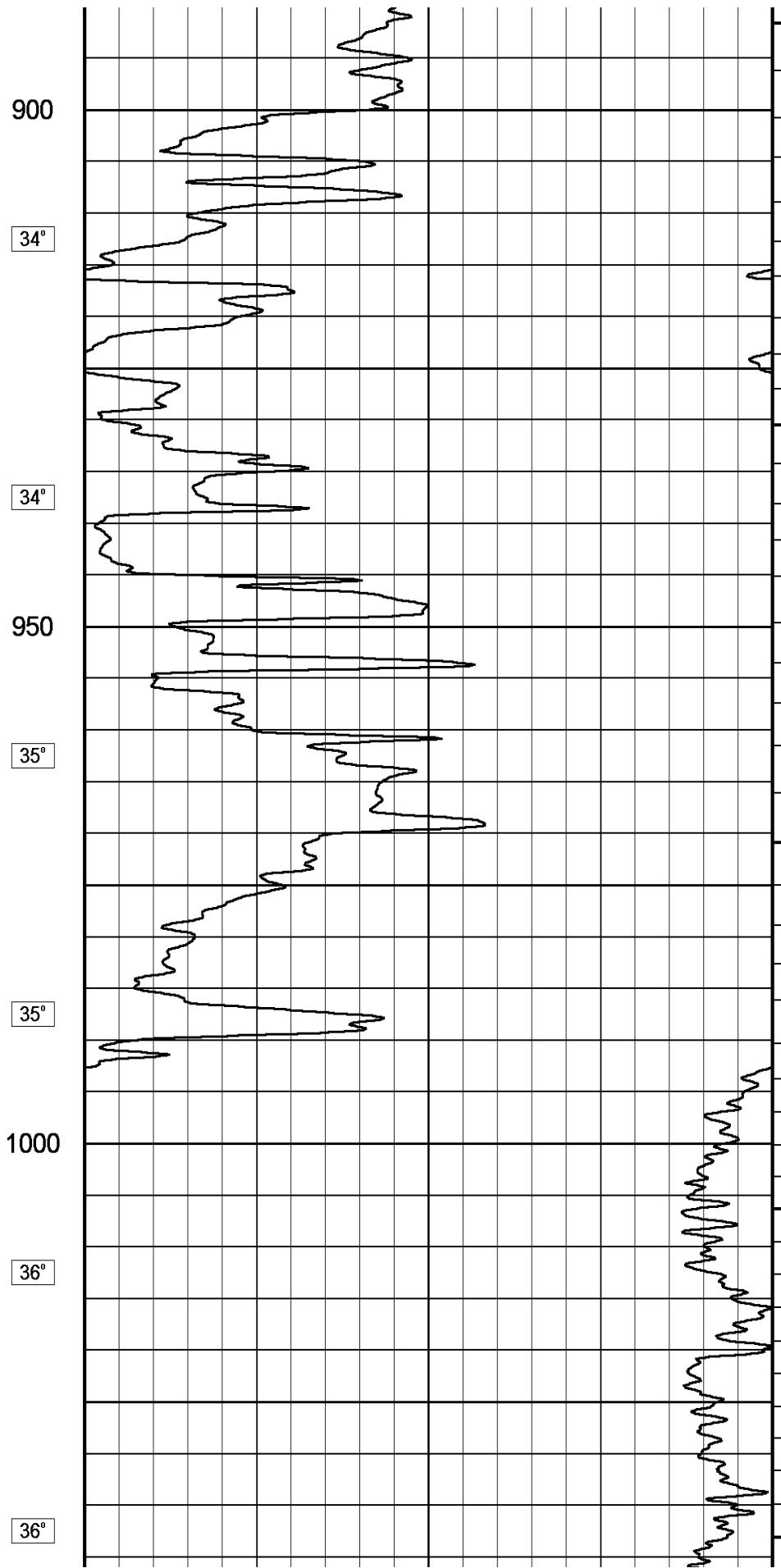
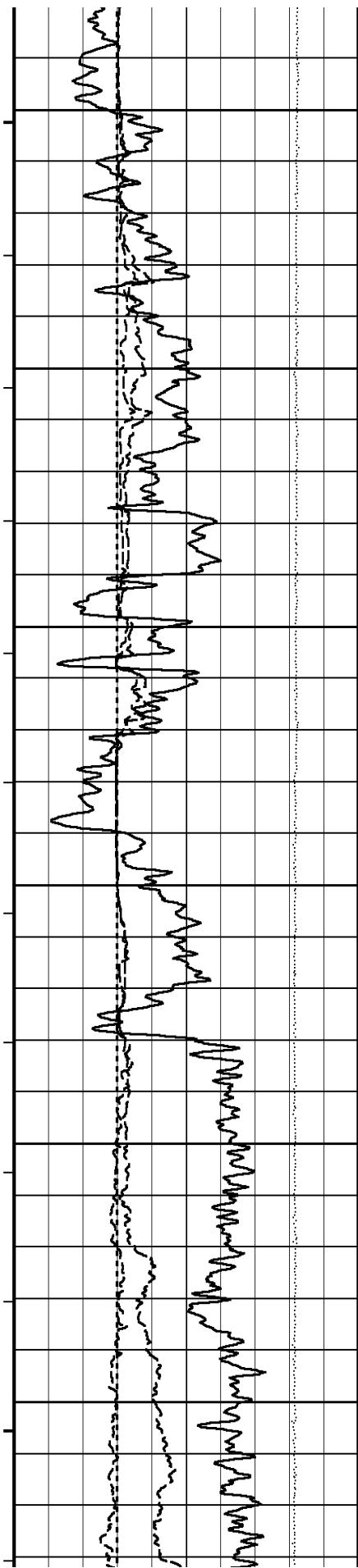
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions in our price schedule.

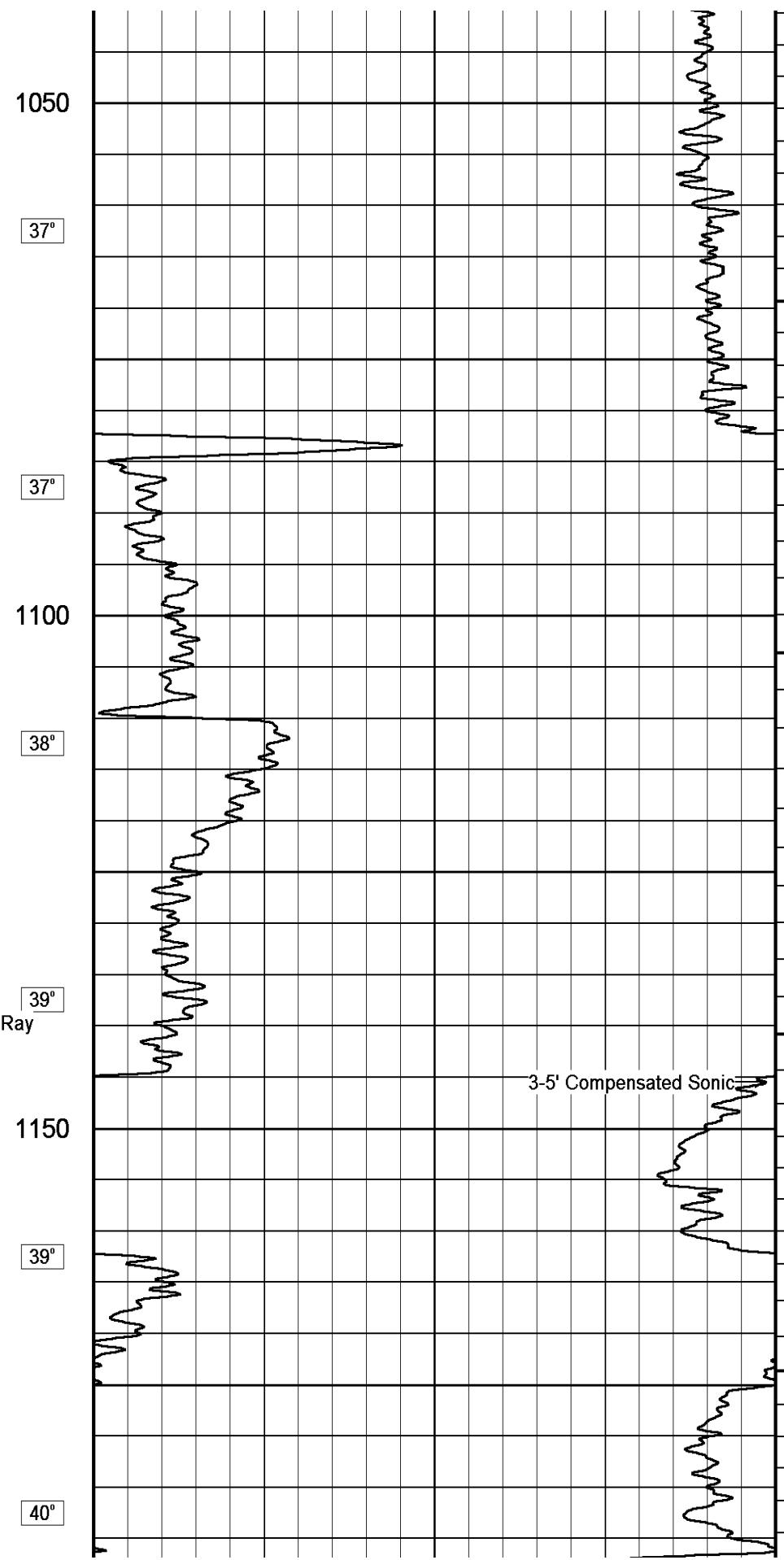
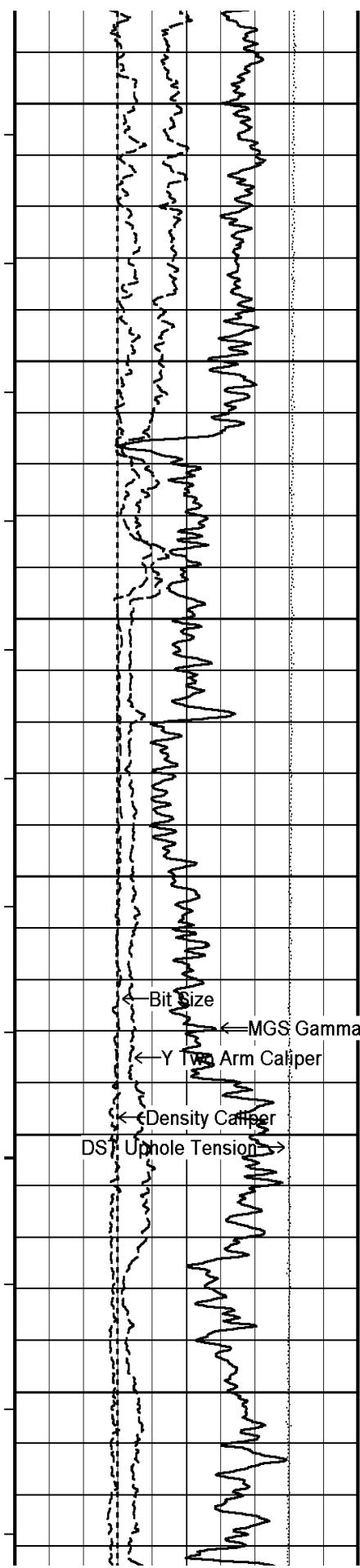


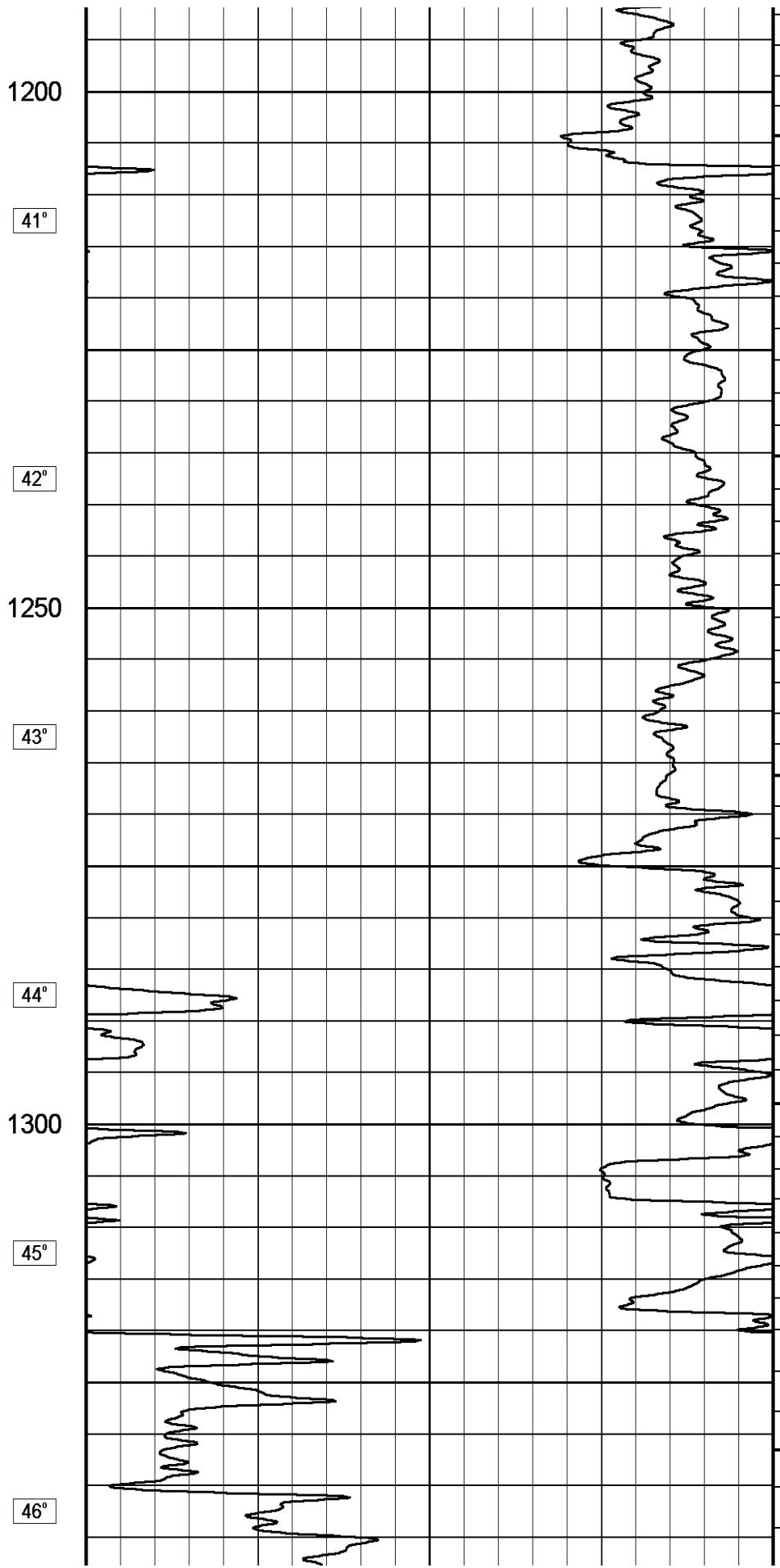
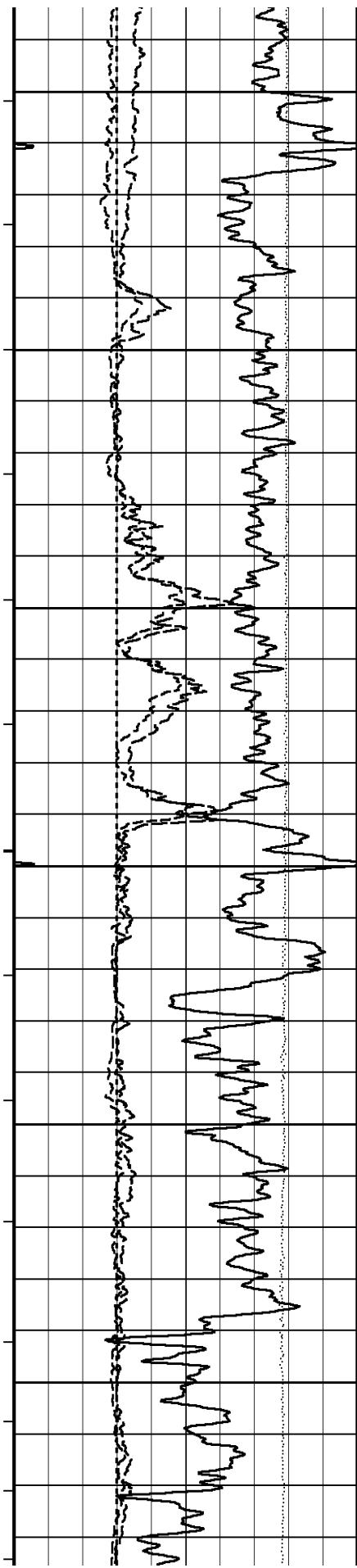












1200

41°

42°

1250

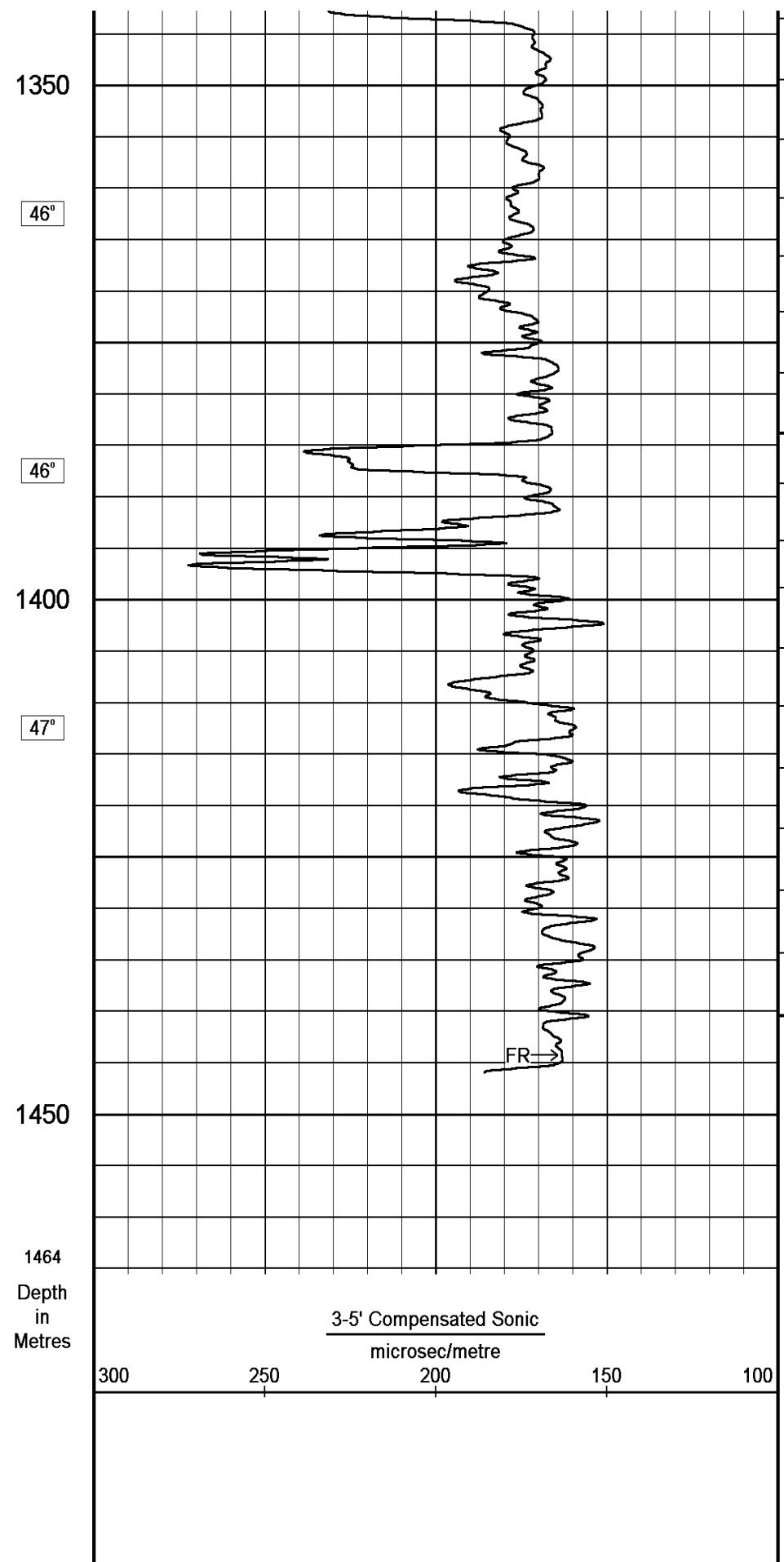
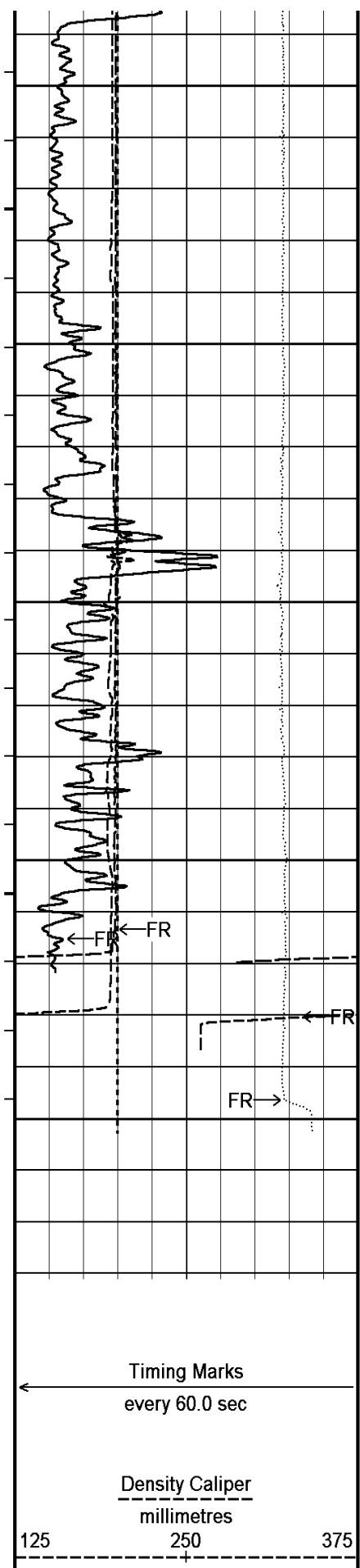
43°

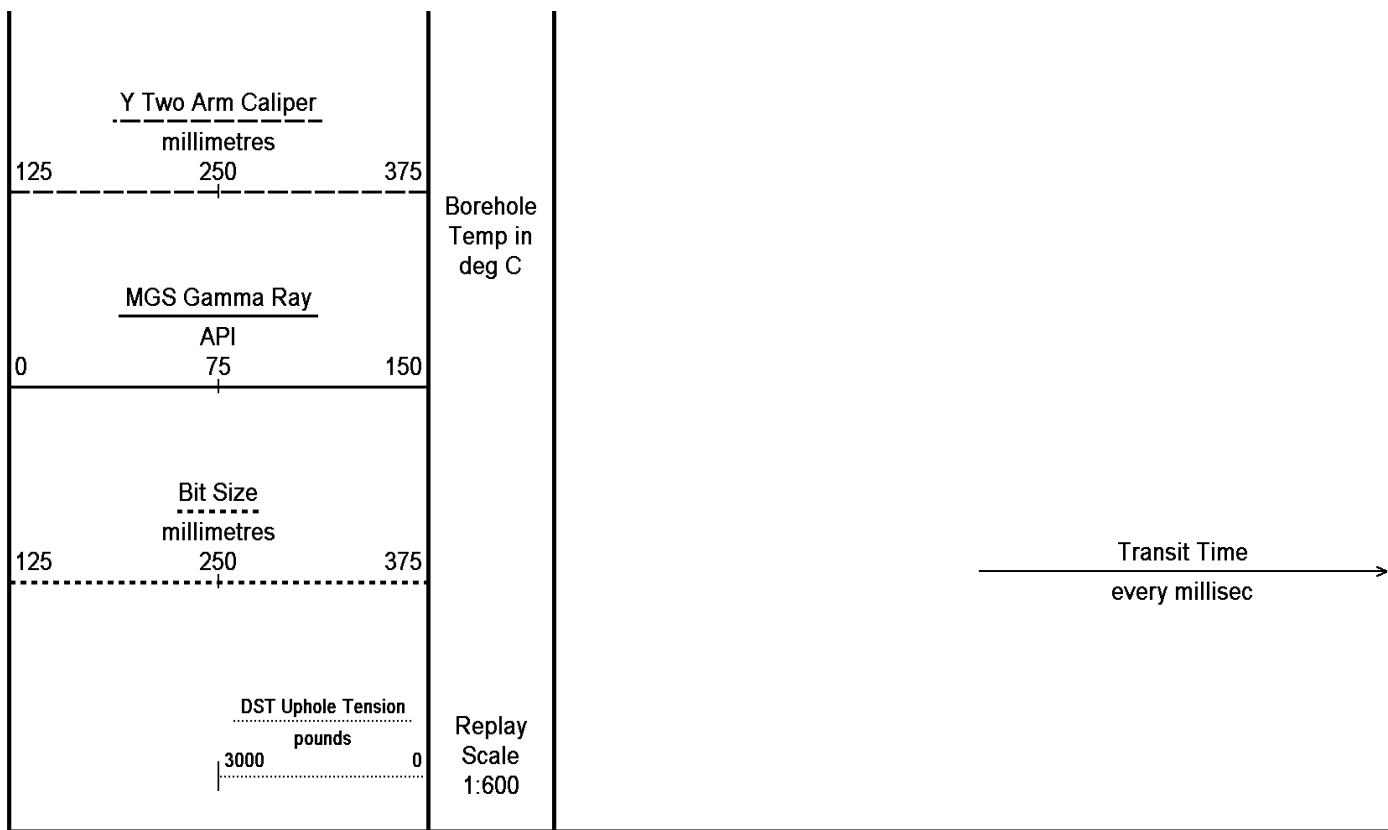
44°

1300

45°

46°





Depth Based Data - Maximum Sampling Increment 10.0cm

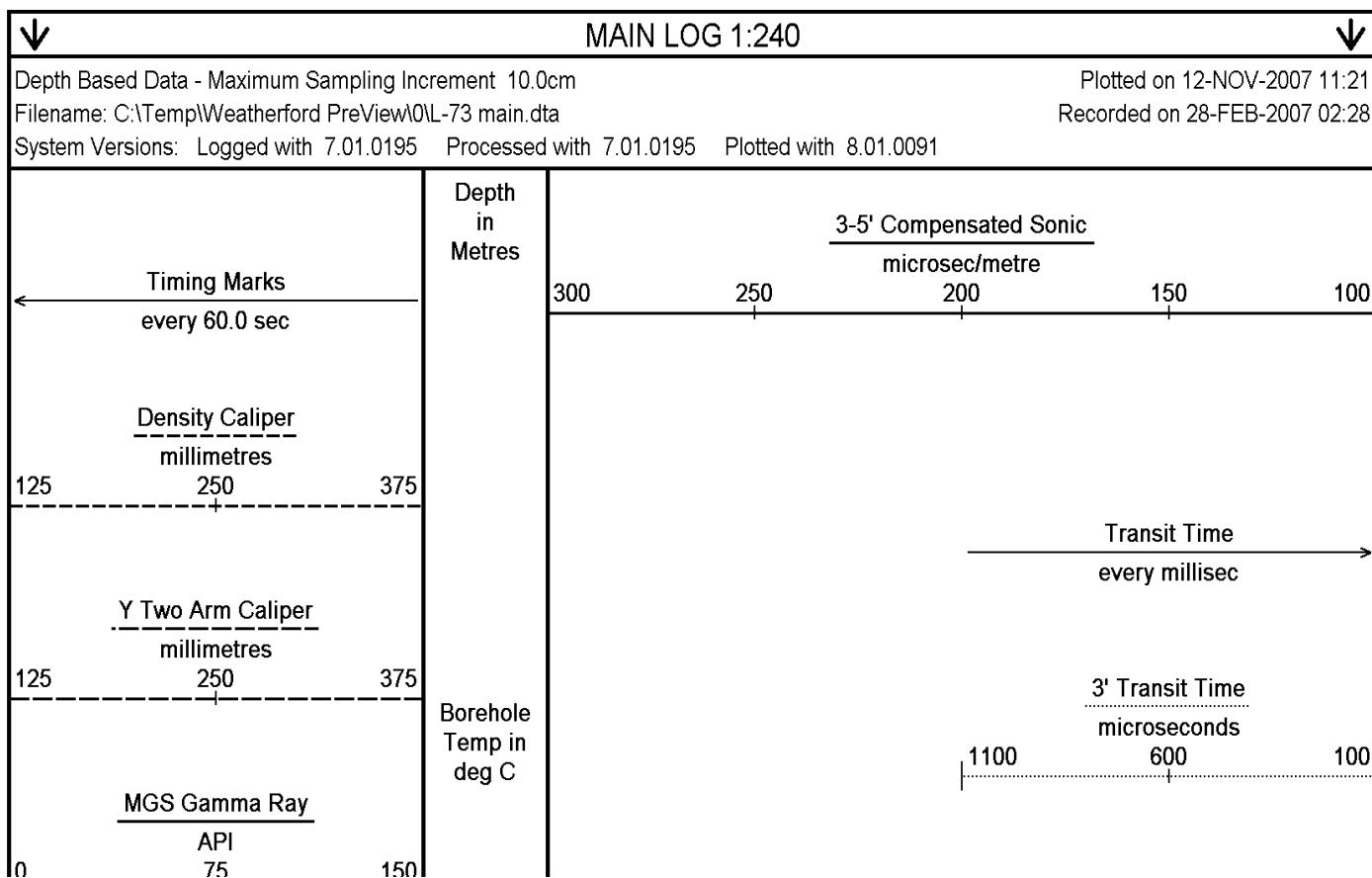
Plotted on 12-NOV-2007 11:21

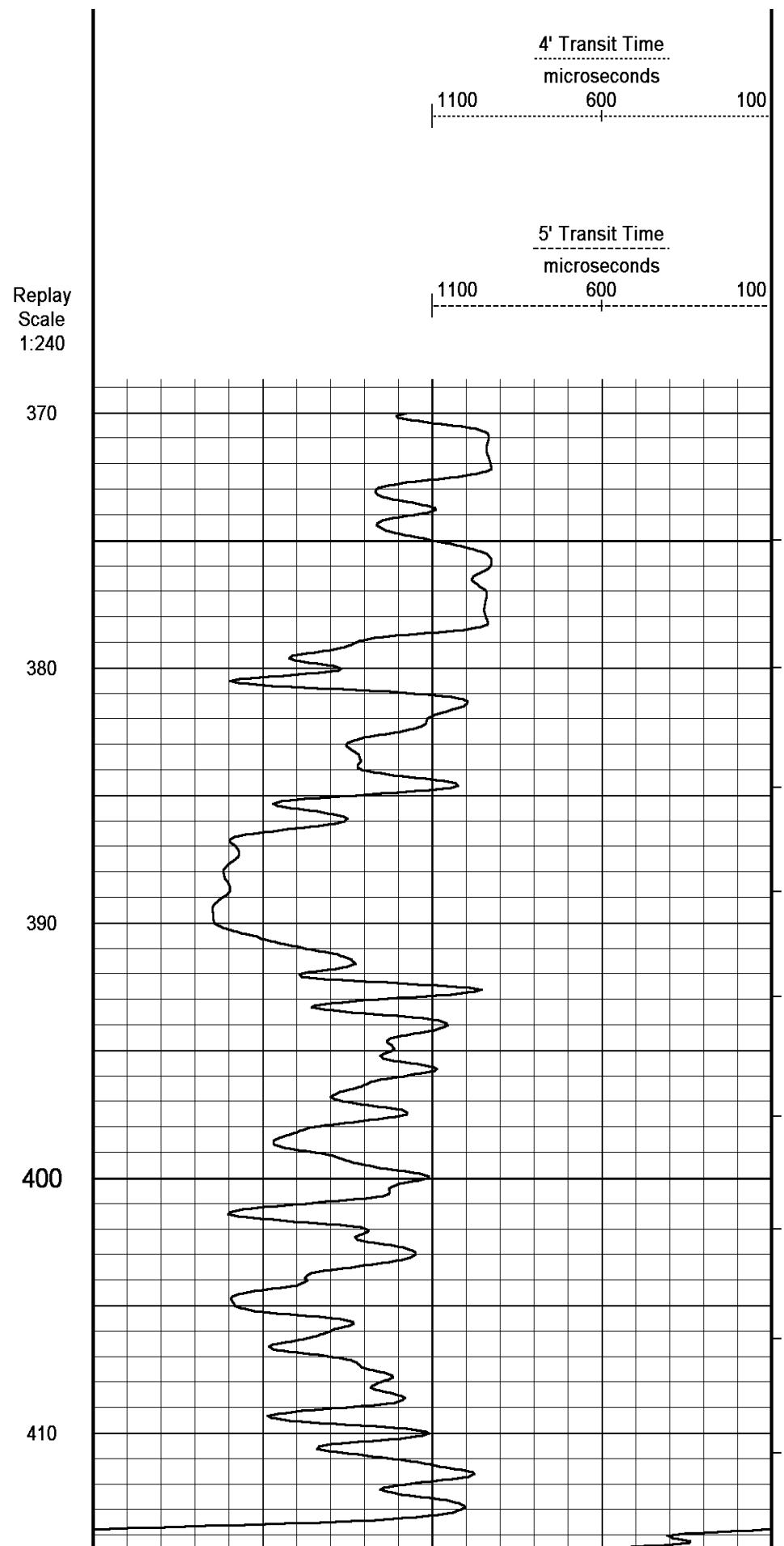
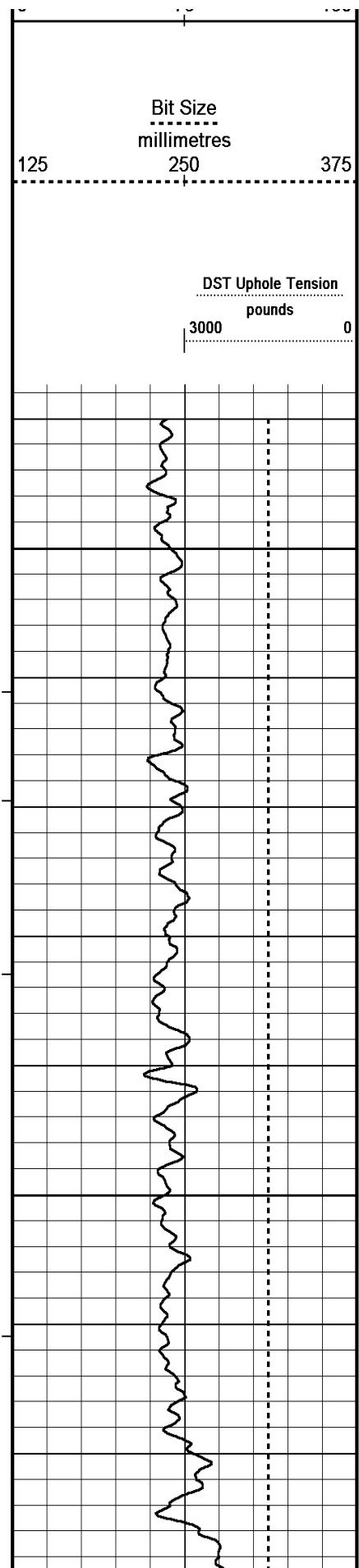
Filename: C:\Temp\Weatherford PreView\0\L-73 main.dta

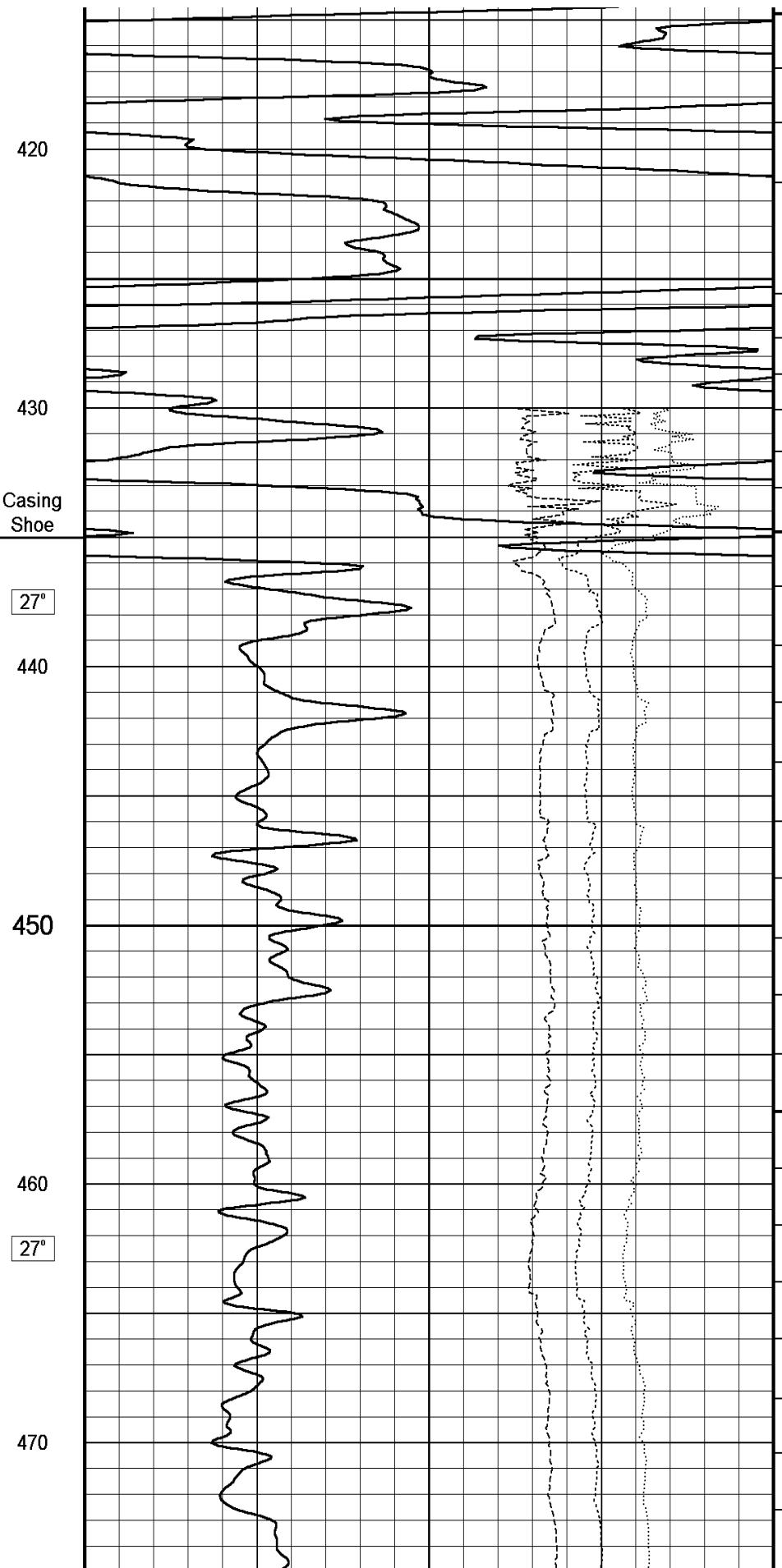
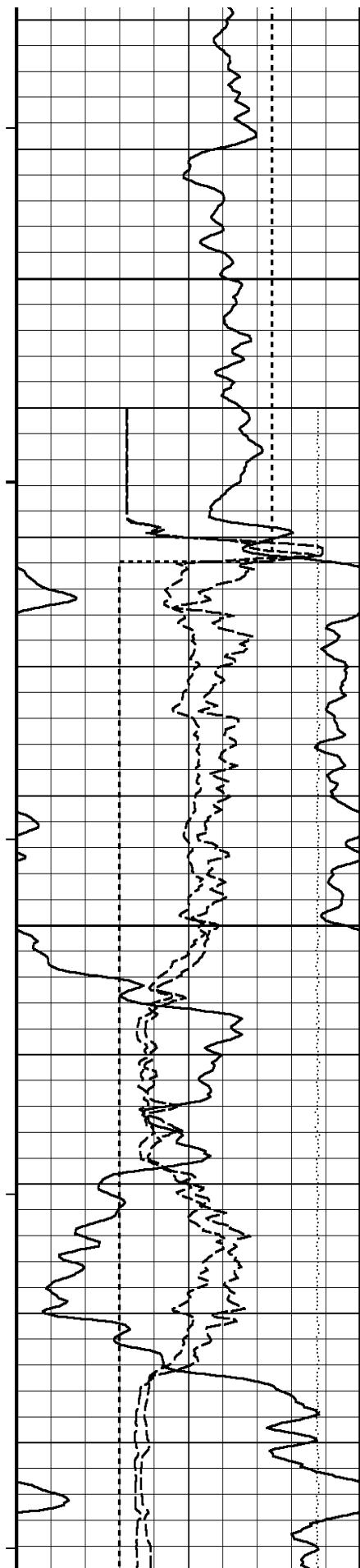
Recorded on 28-FEB-2007 02:28

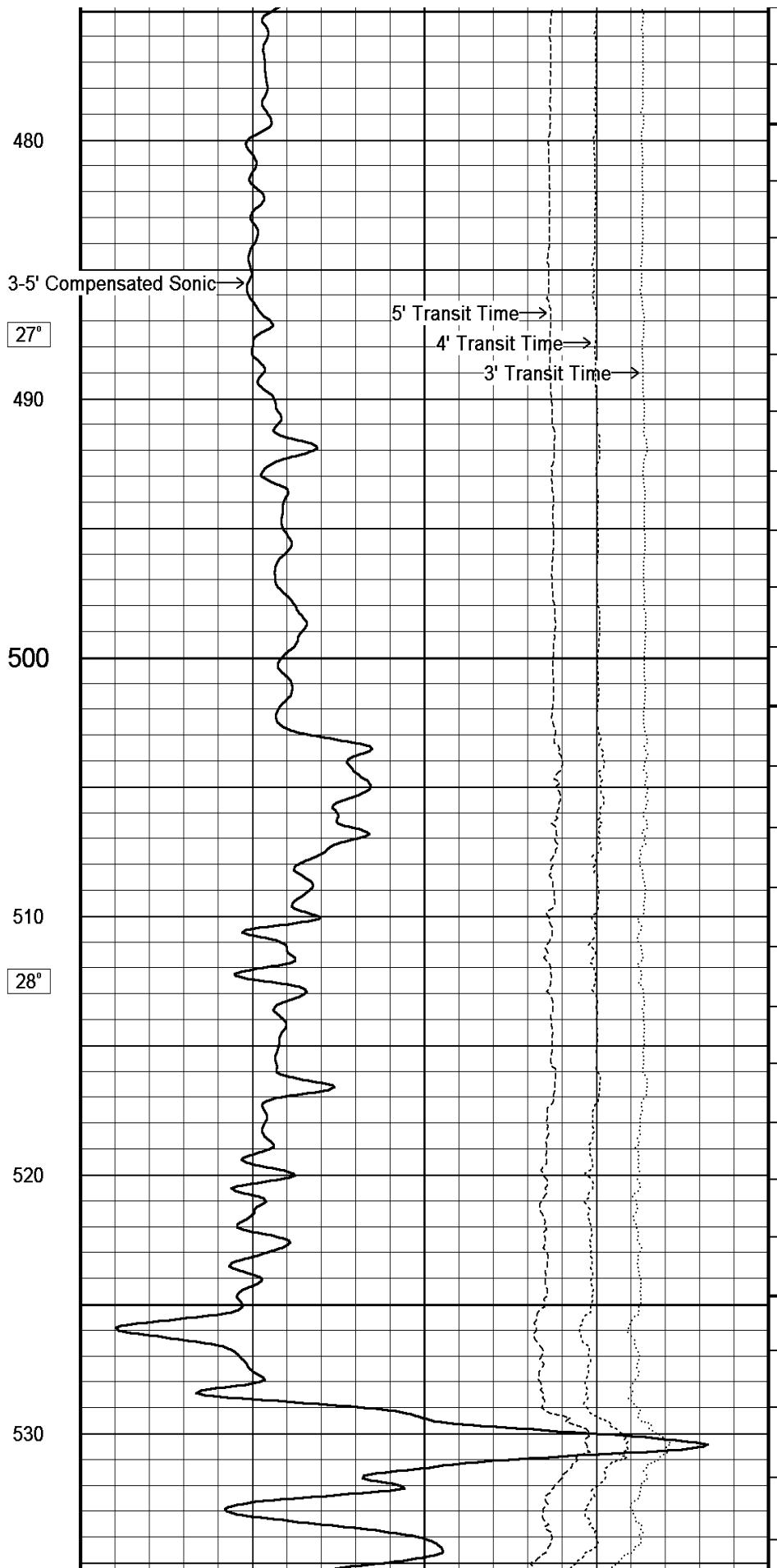
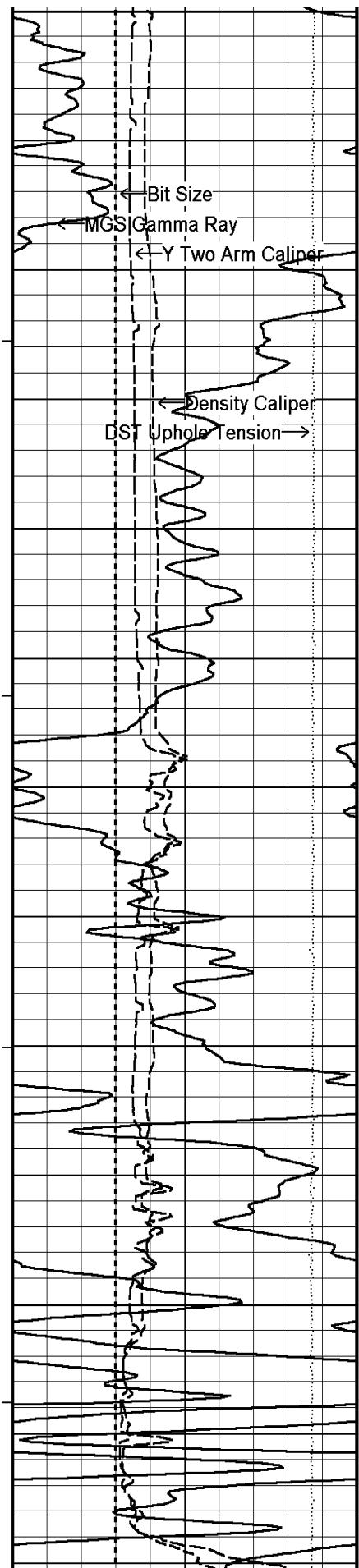
System Versions: Logged with 7.01.0195 Processed with 7.01.0195 Plotted with 8.01.0091

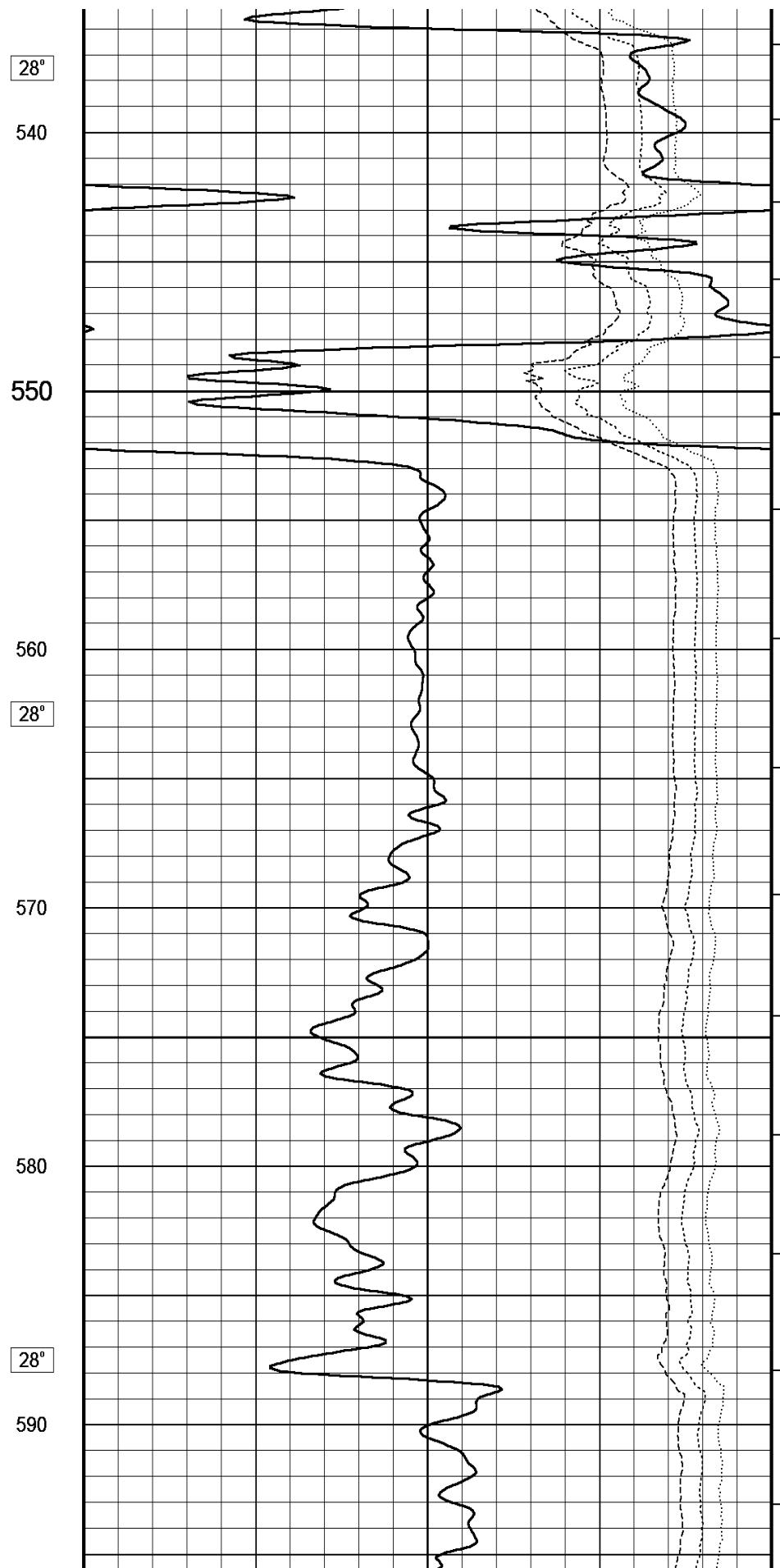
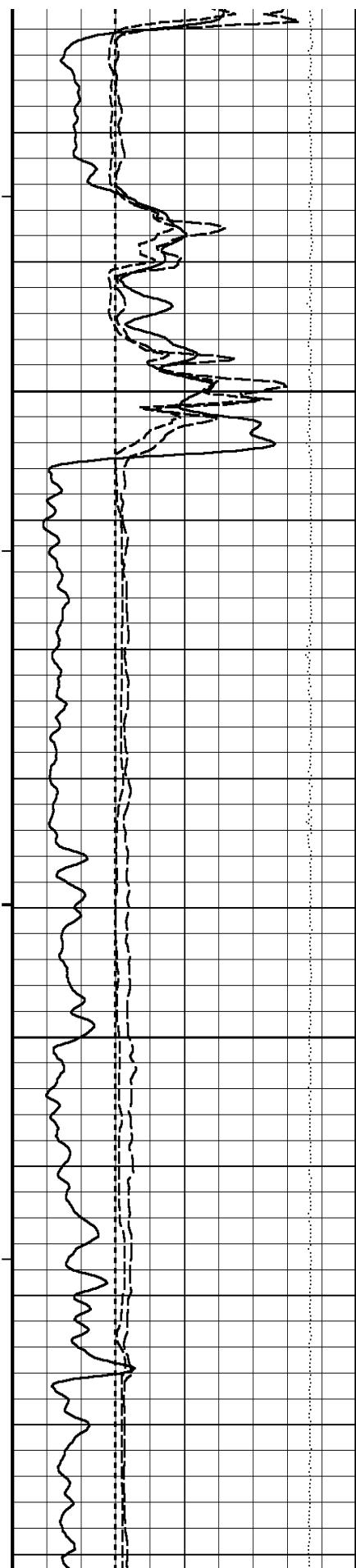
MAIN LOG 1:600

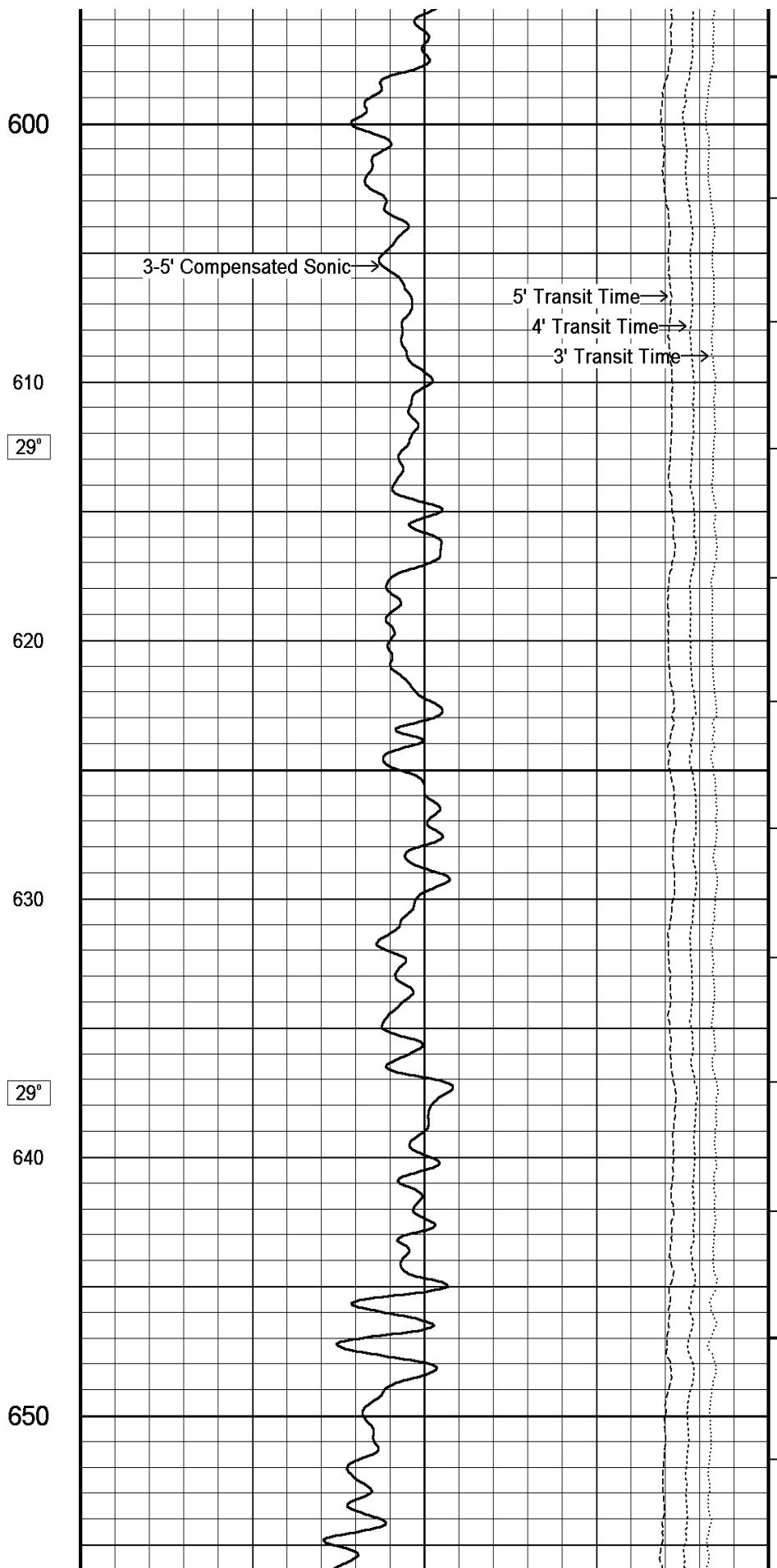
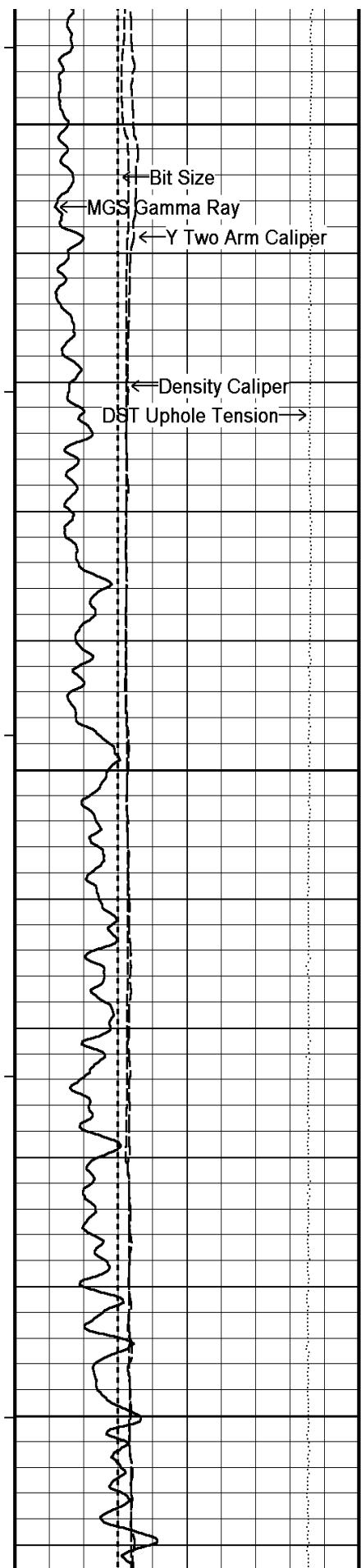


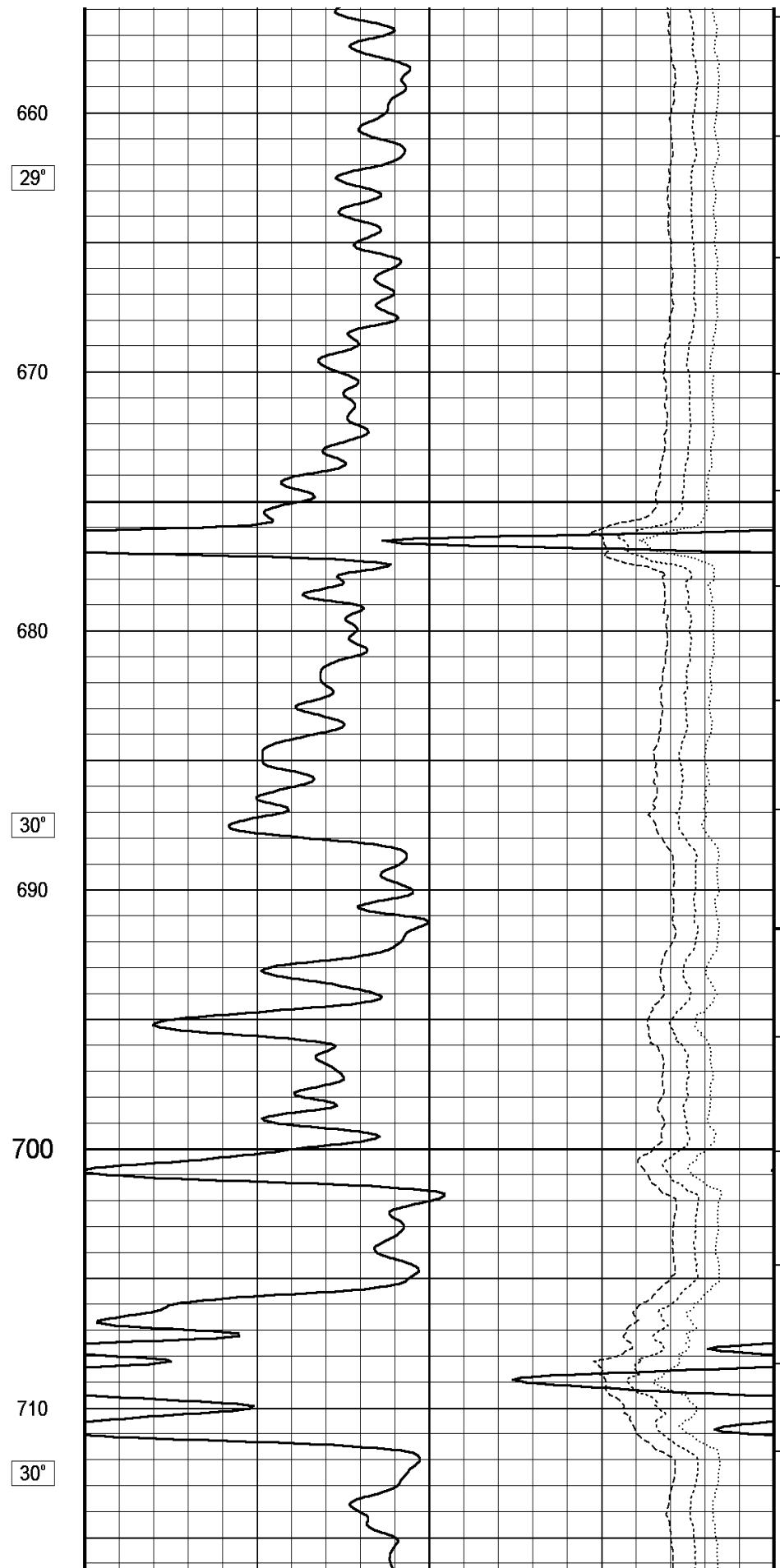
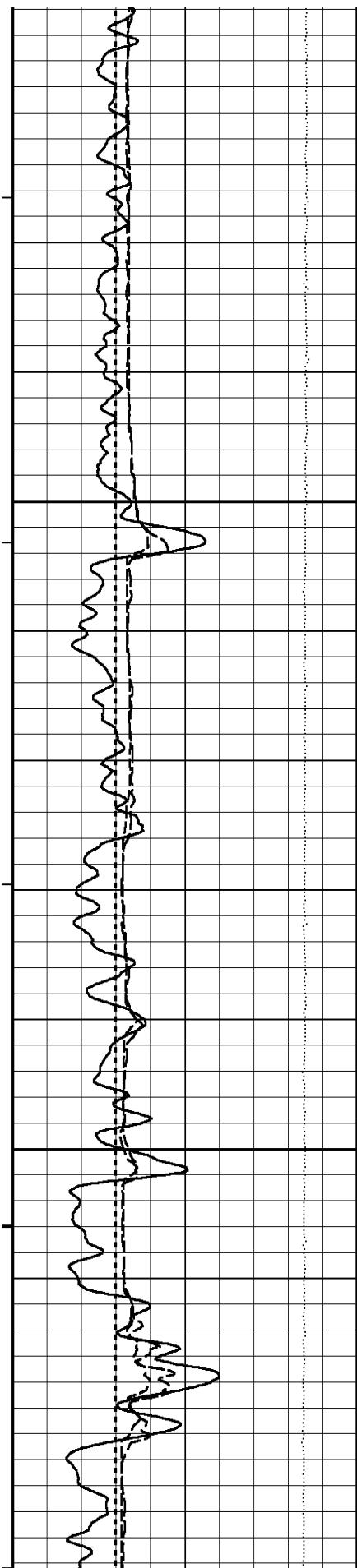


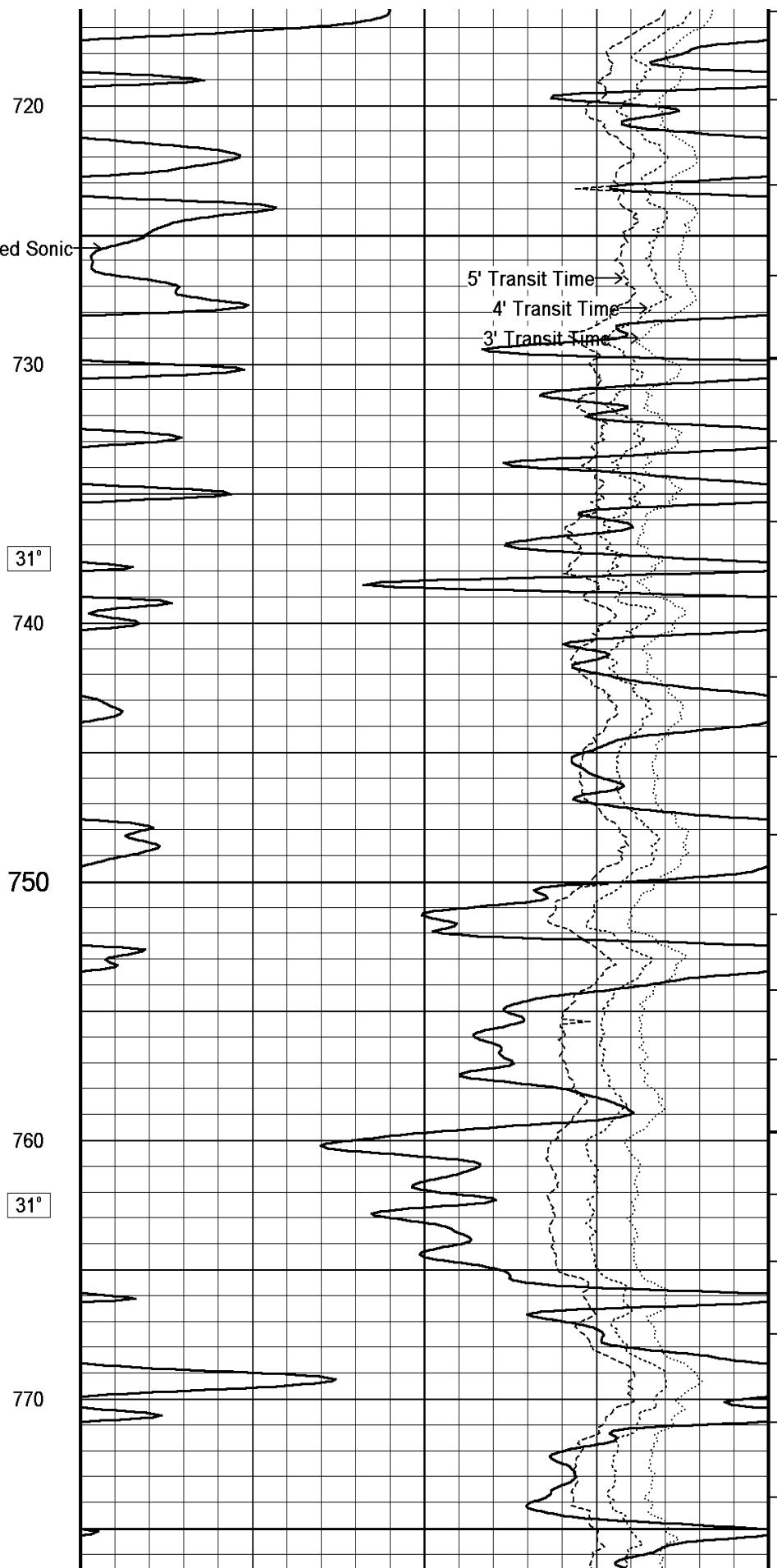
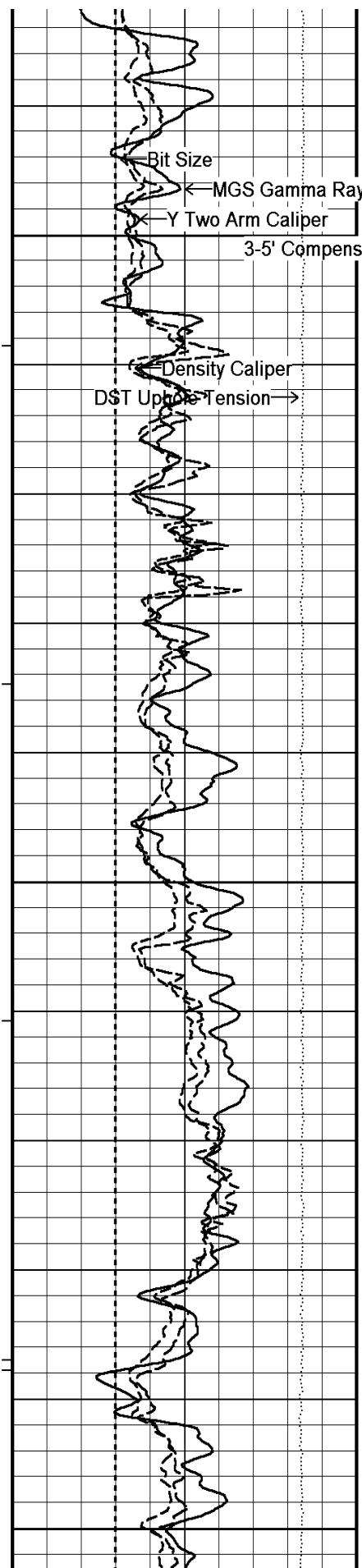


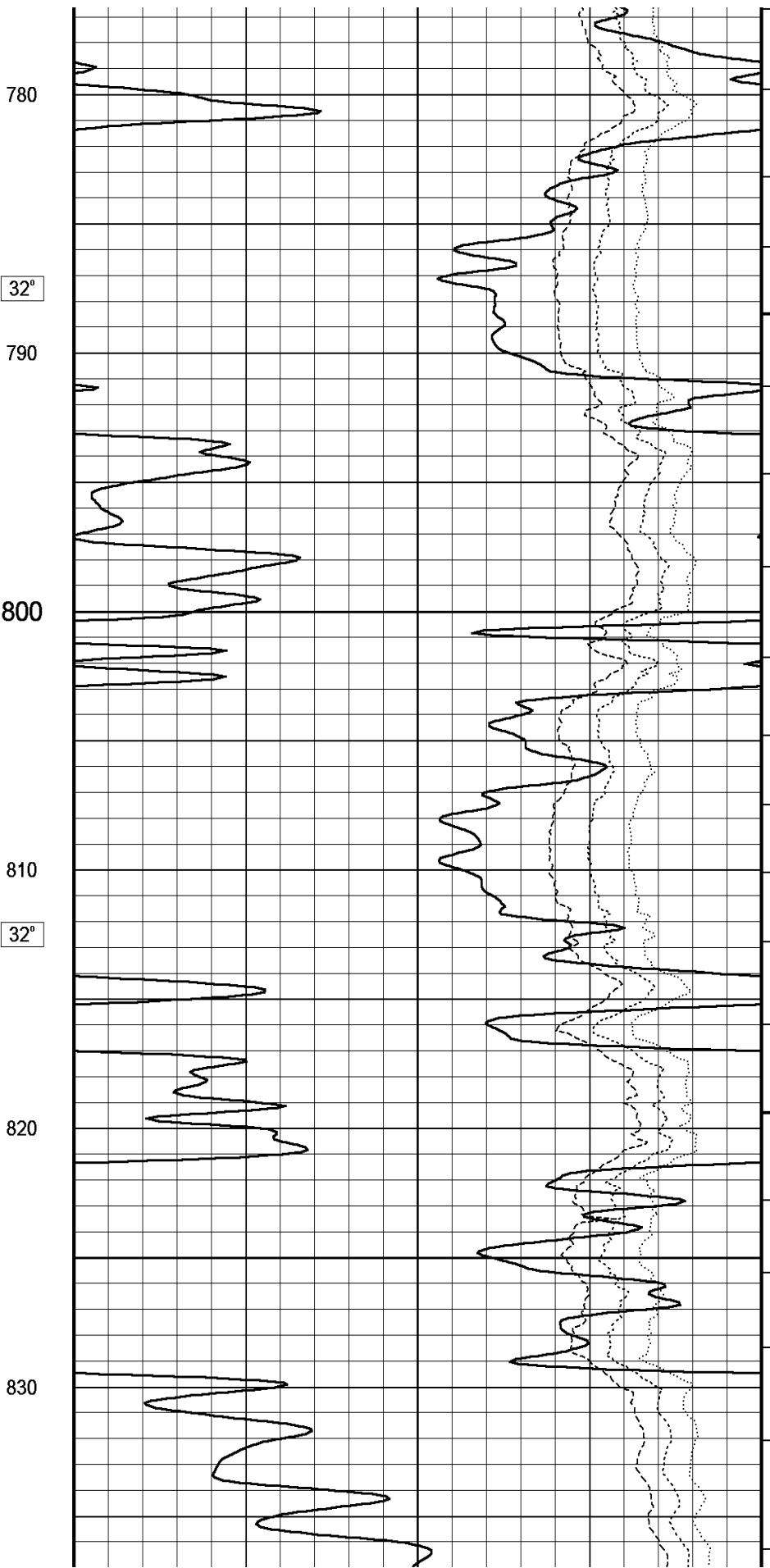
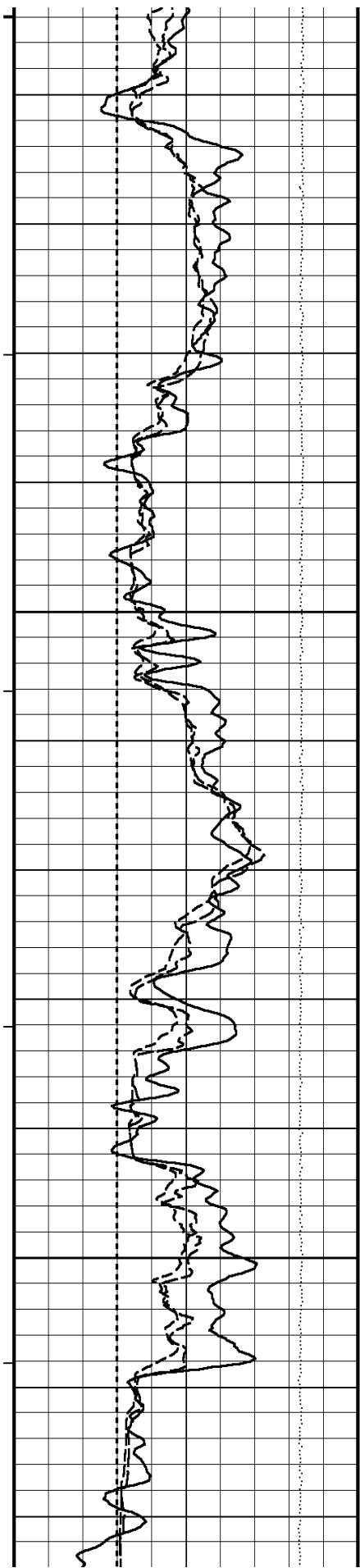


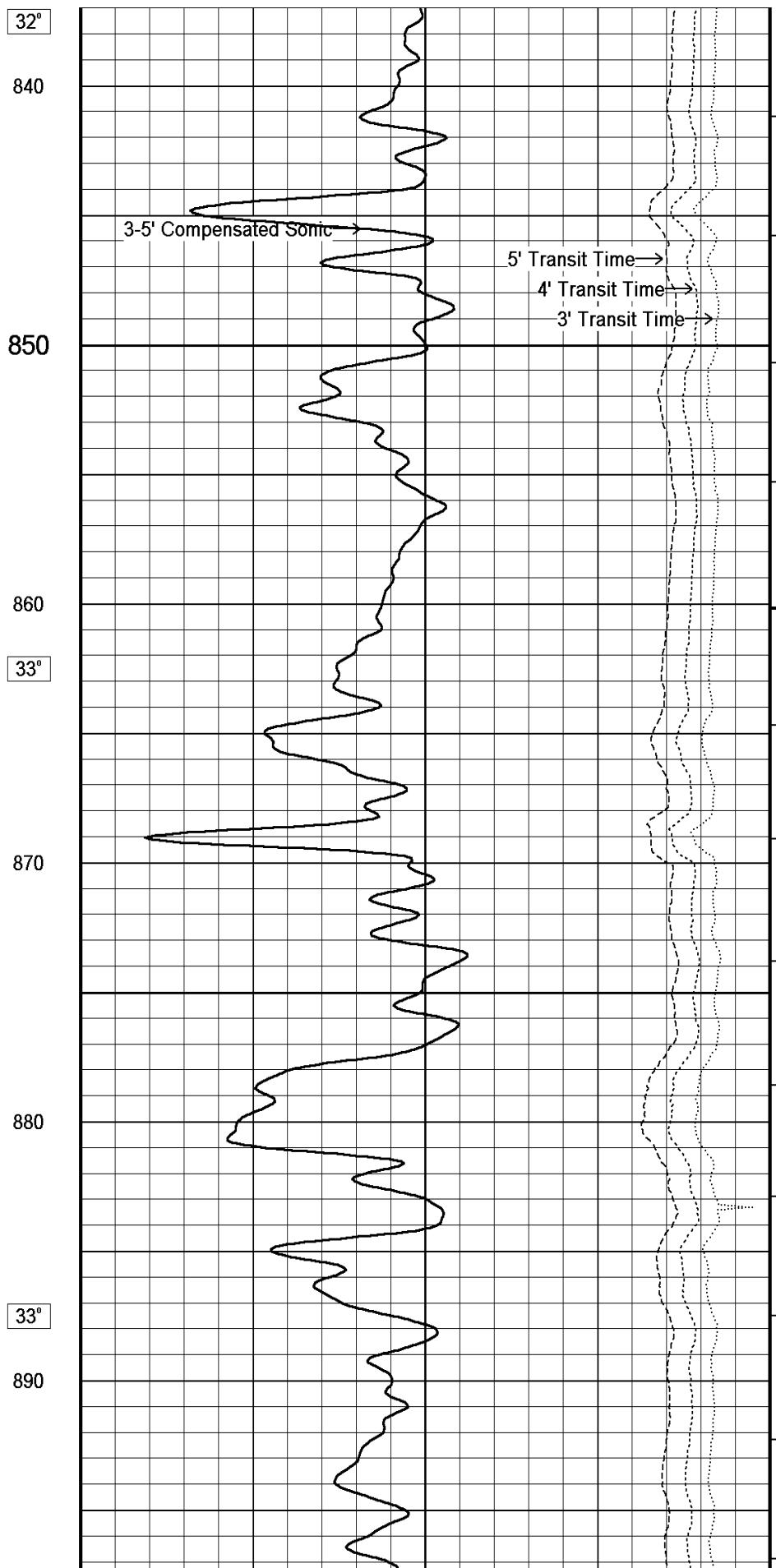
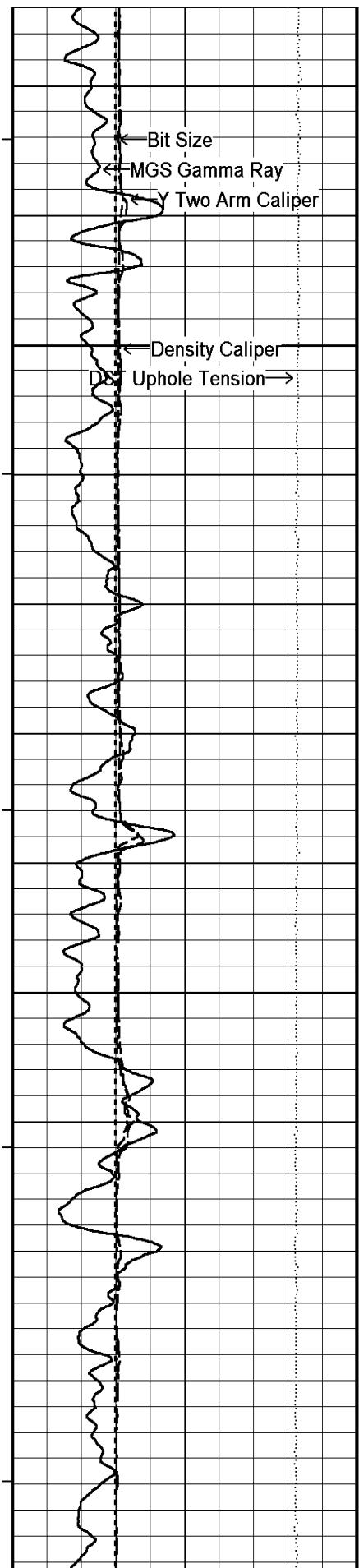


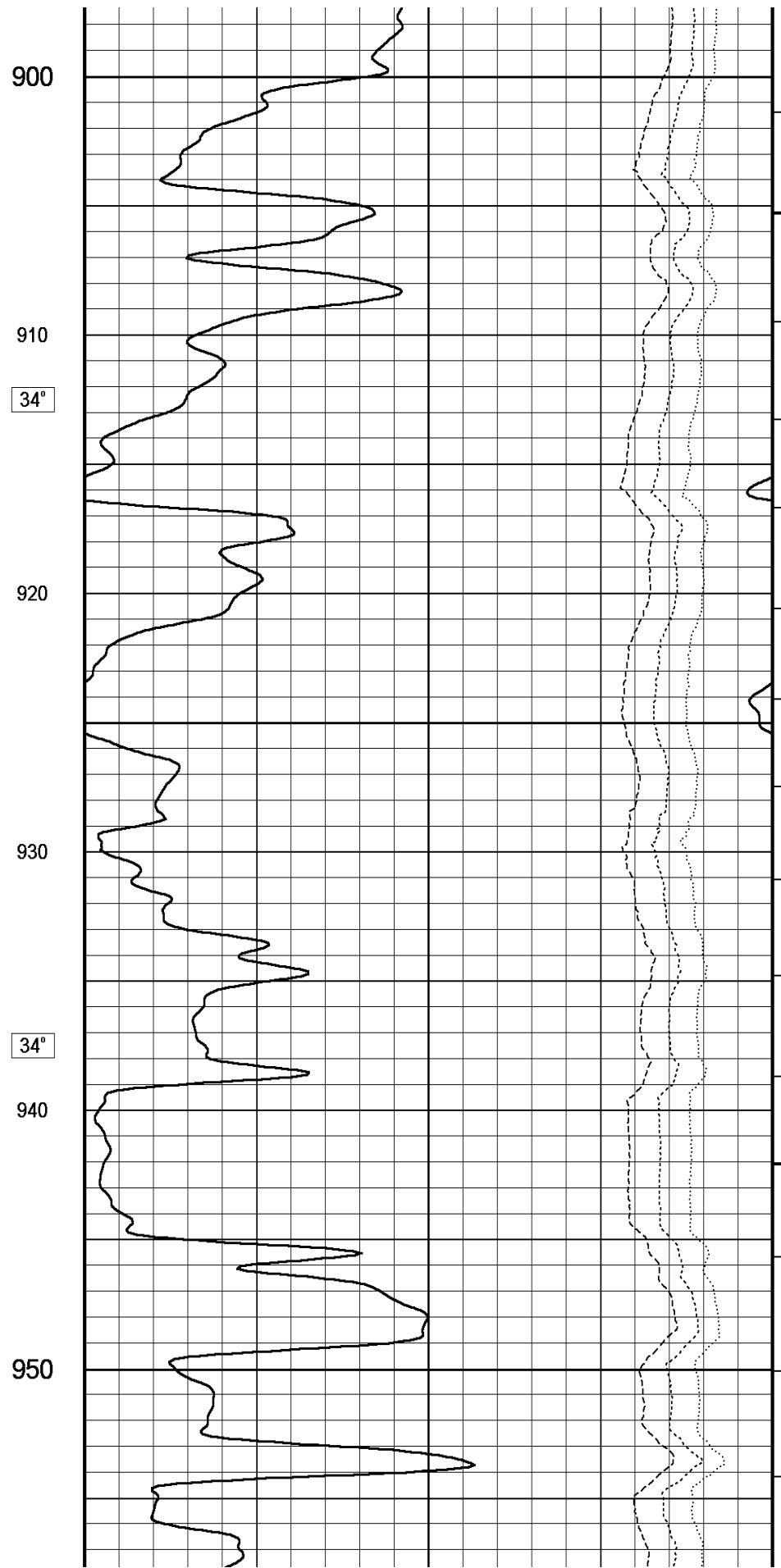
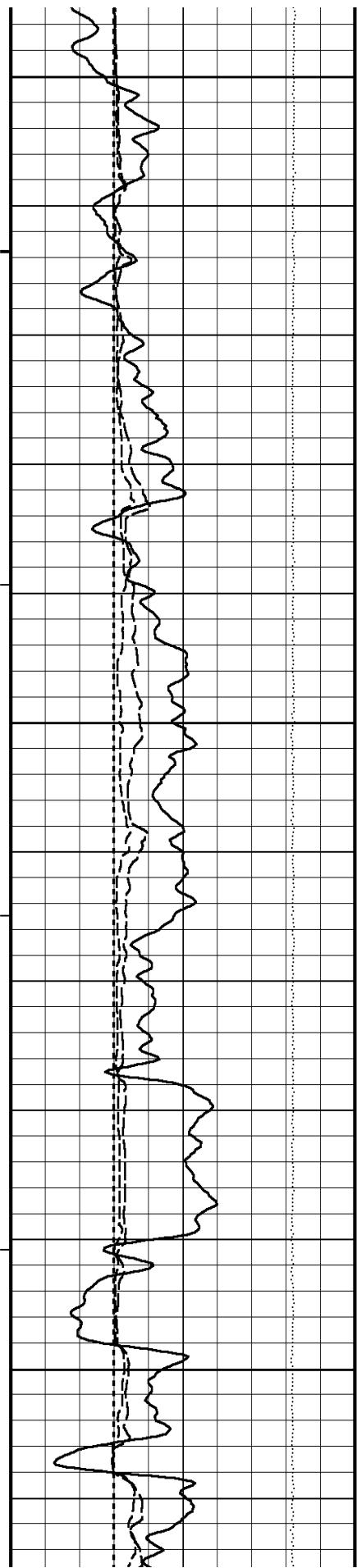


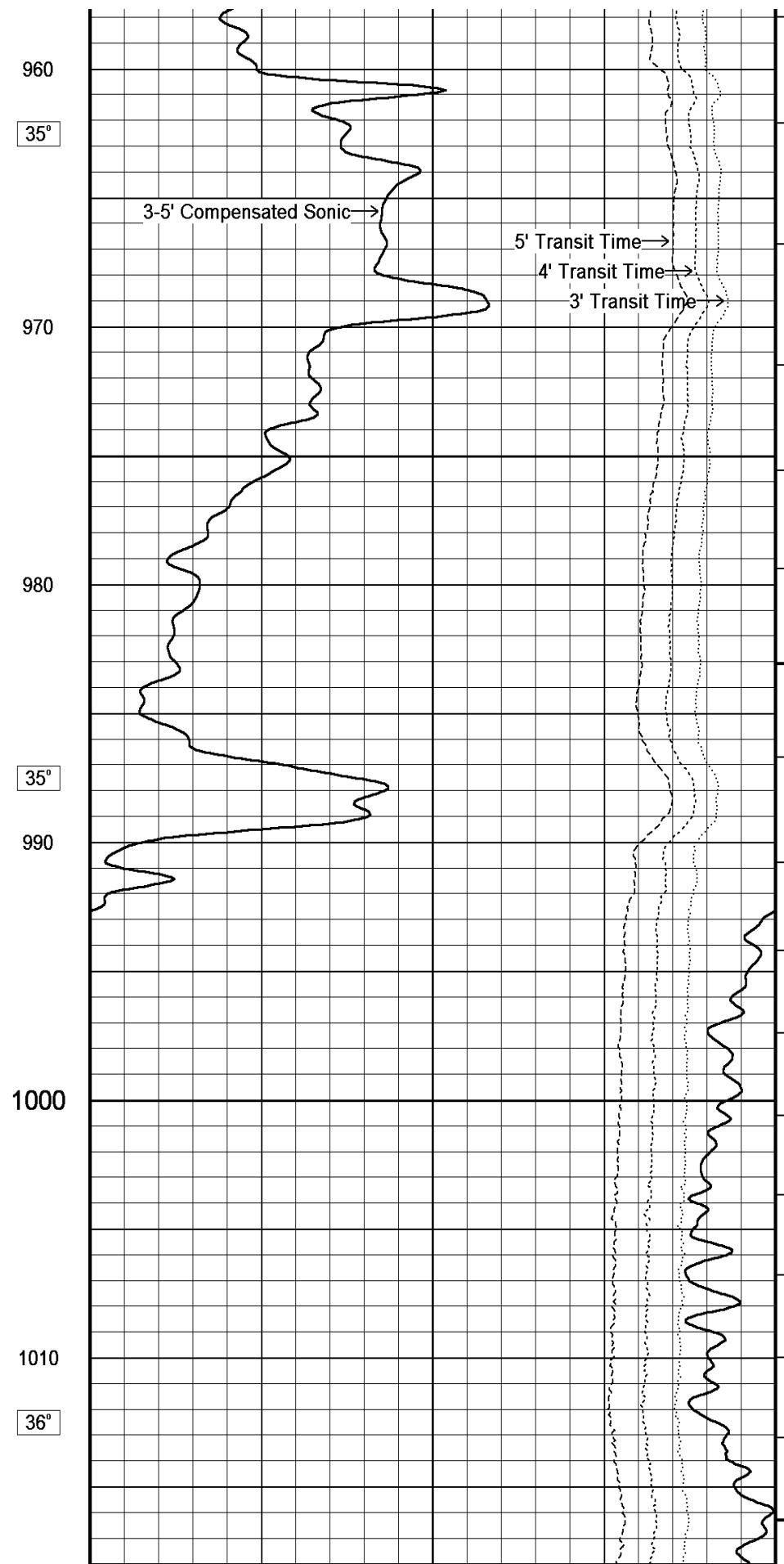
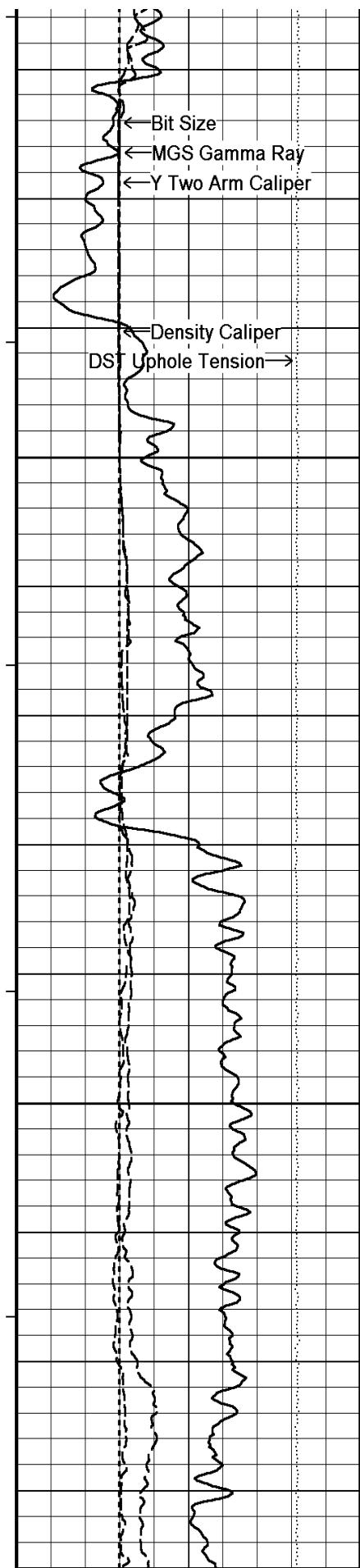


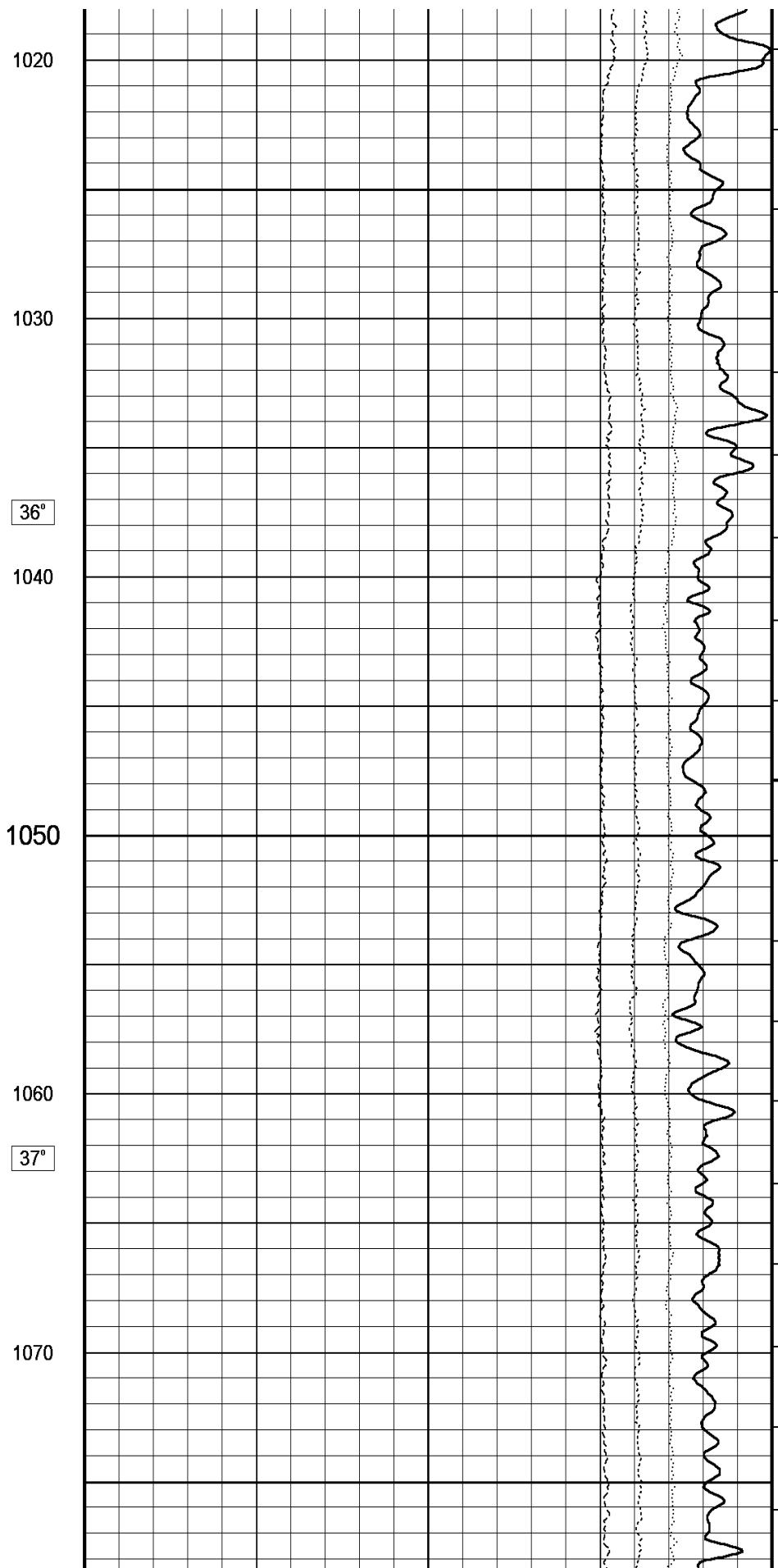
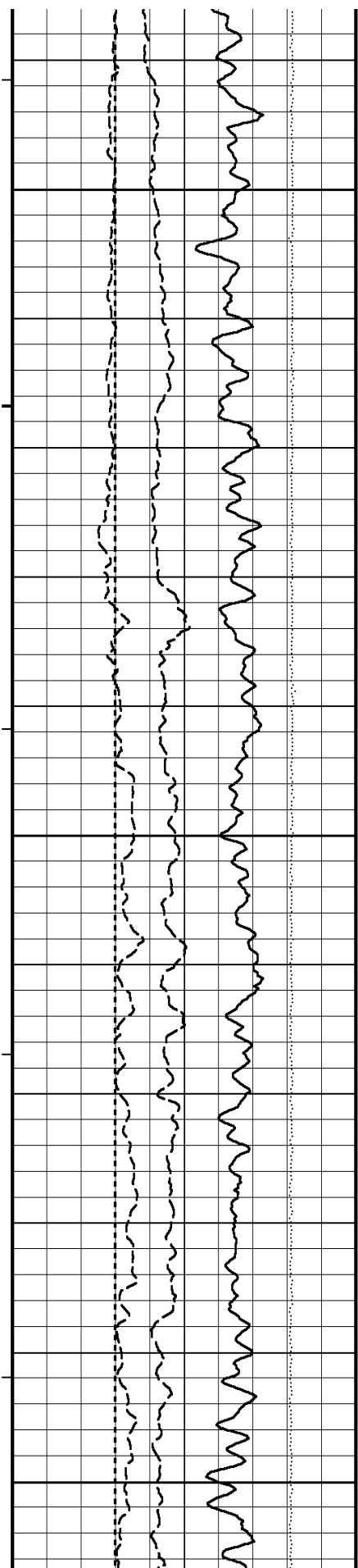


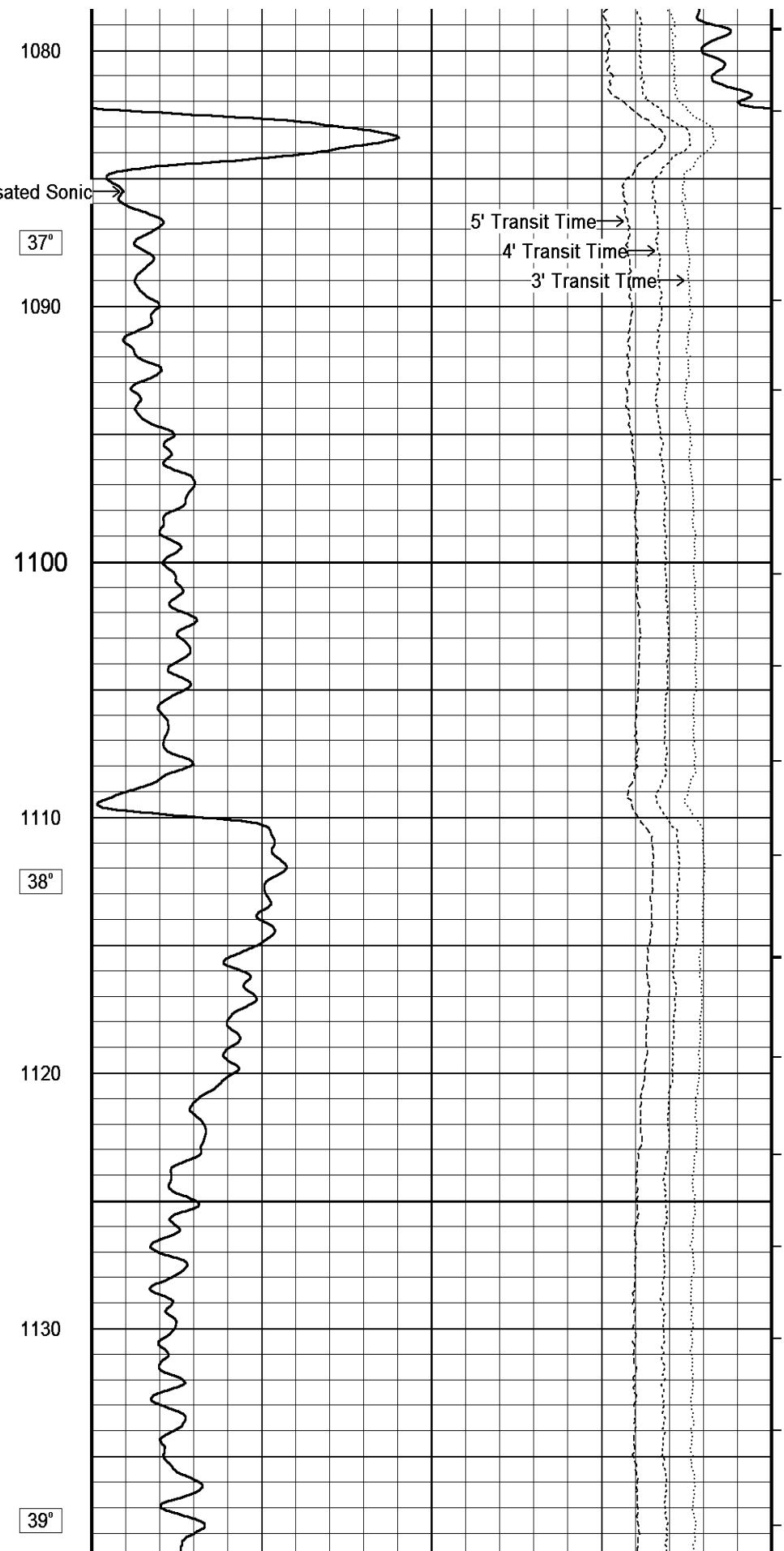
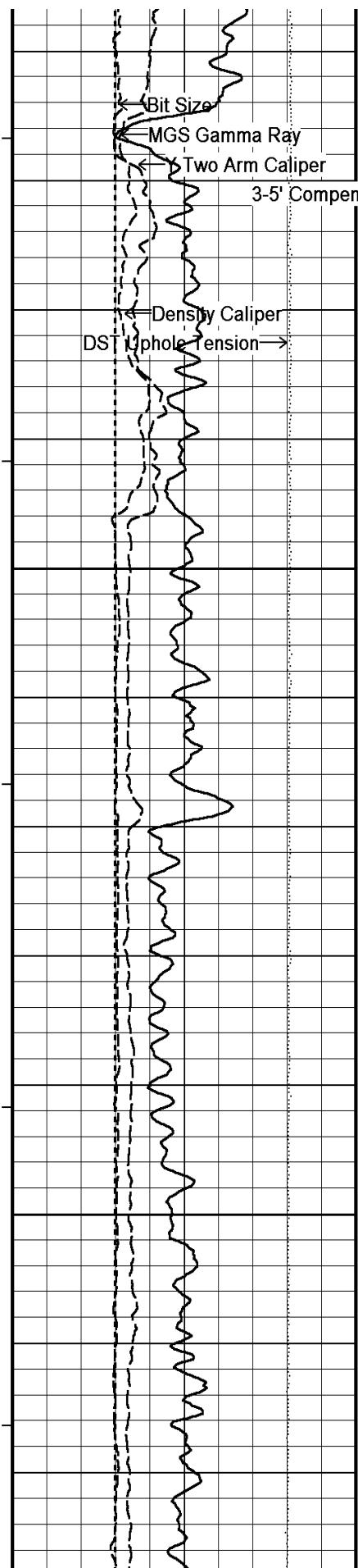


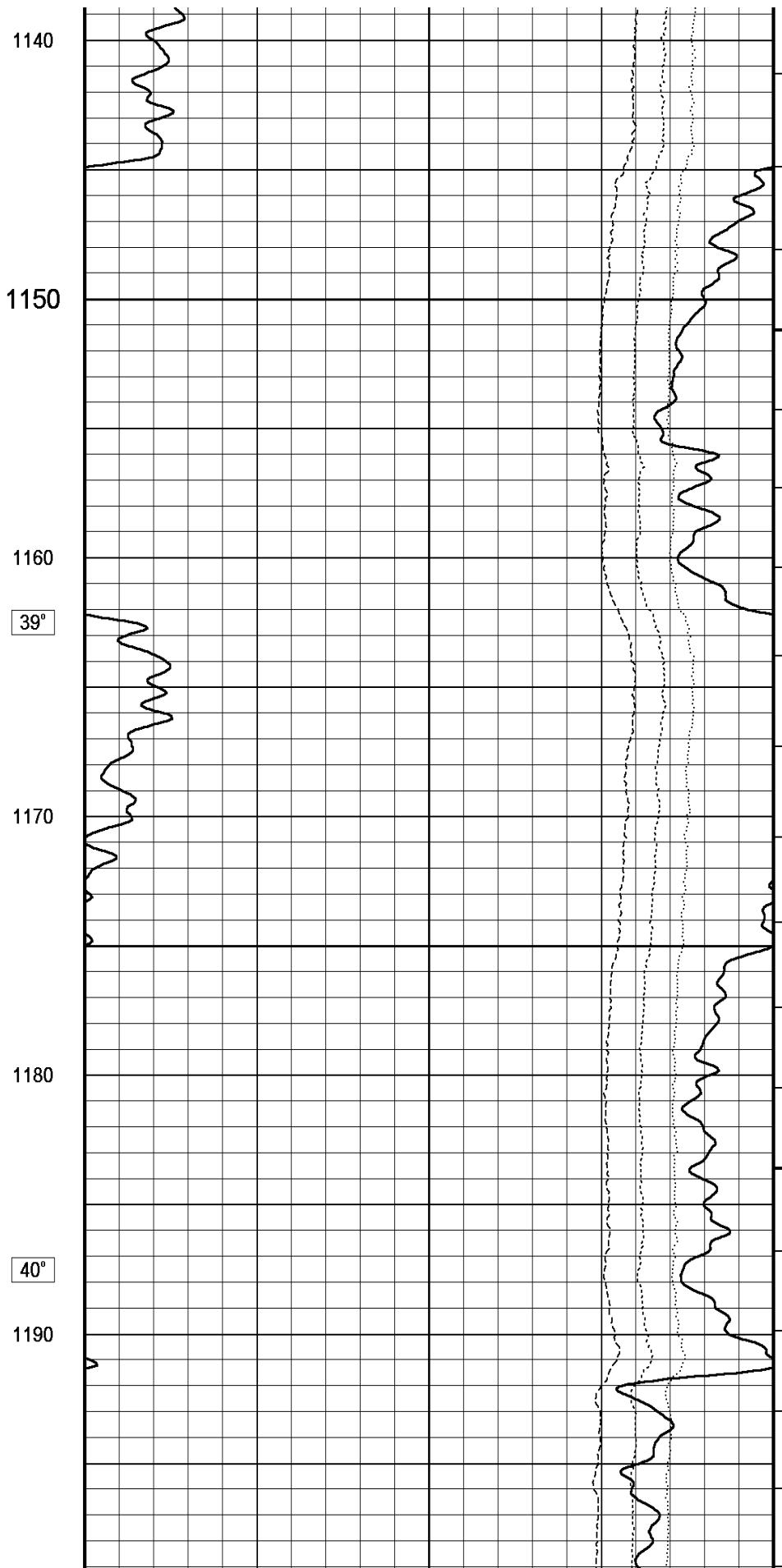
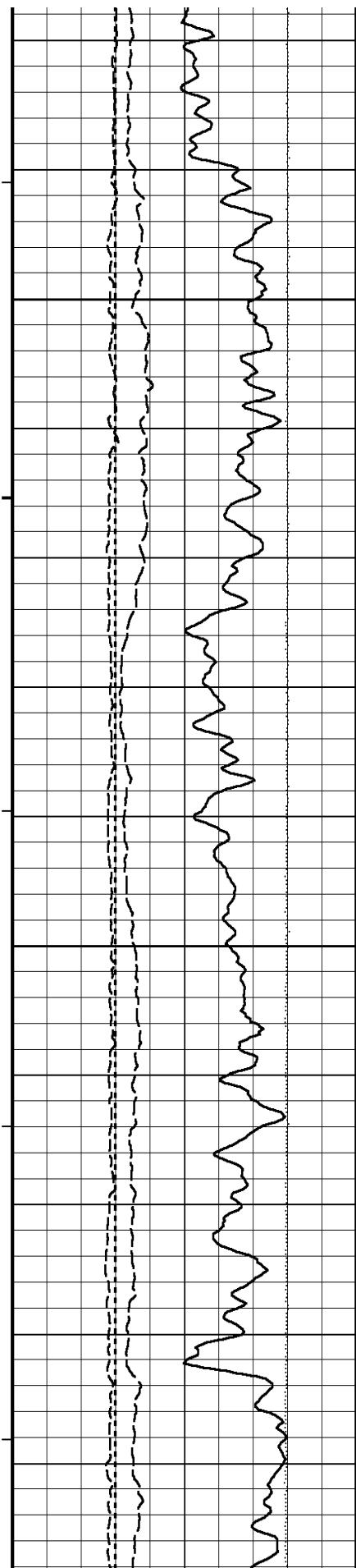


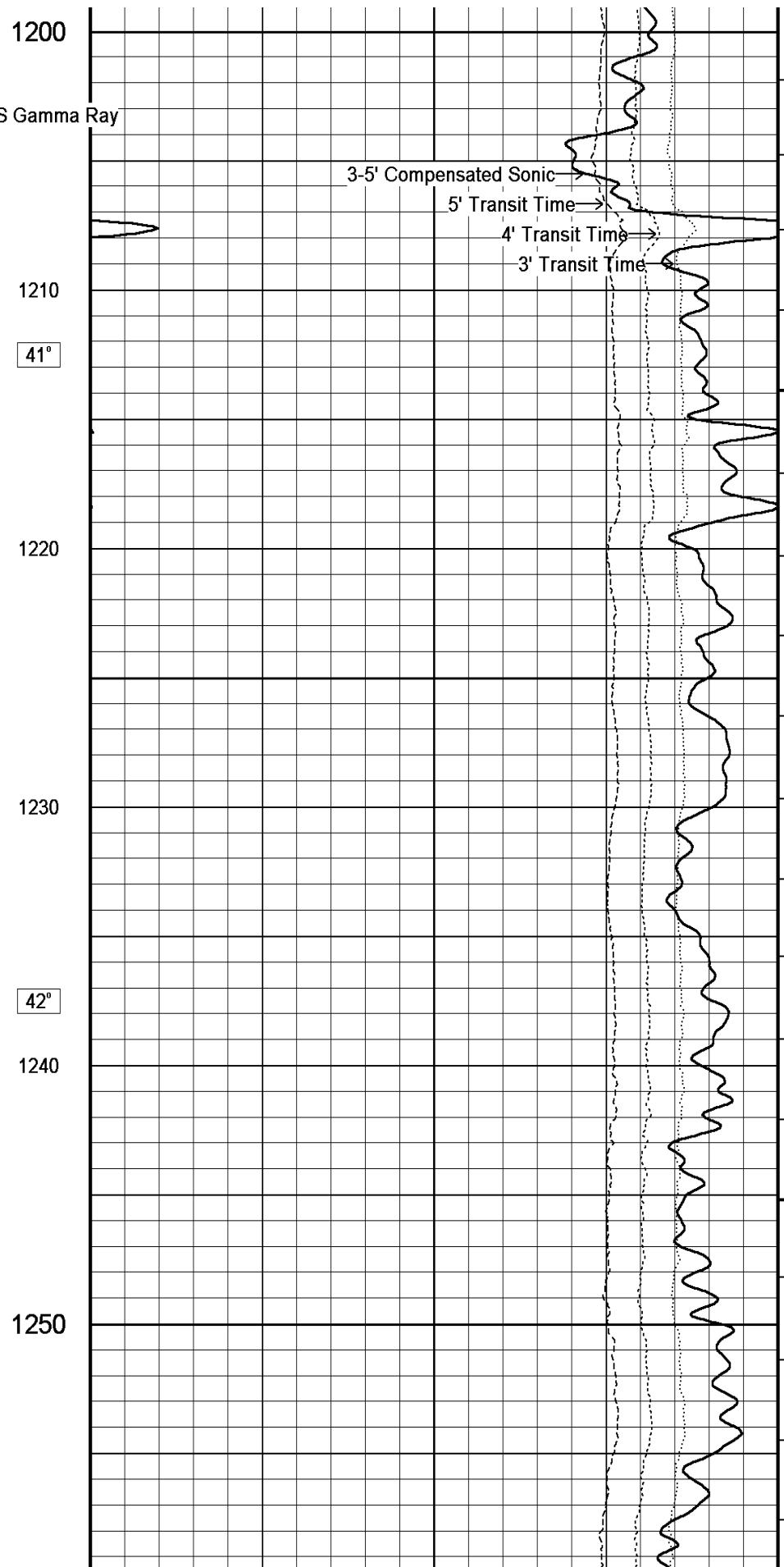
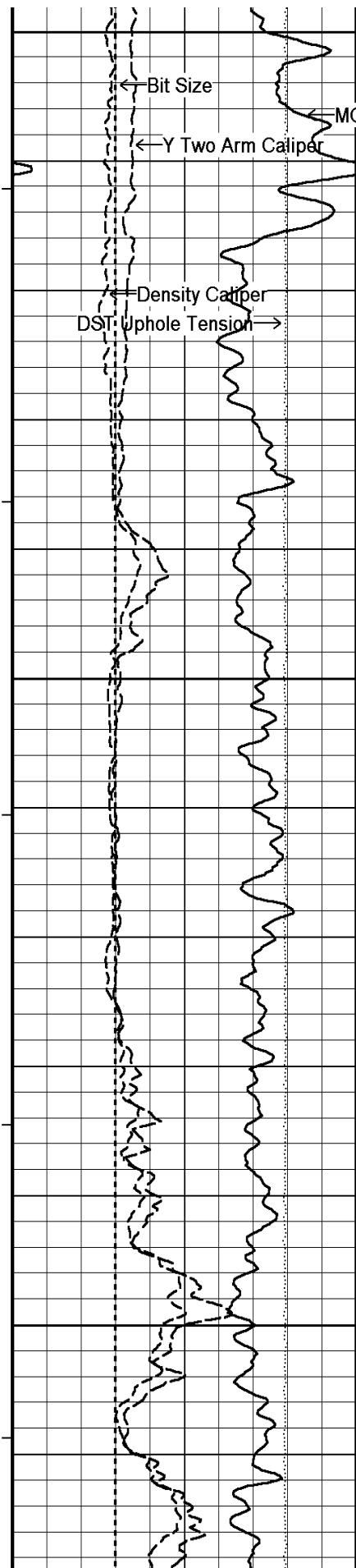


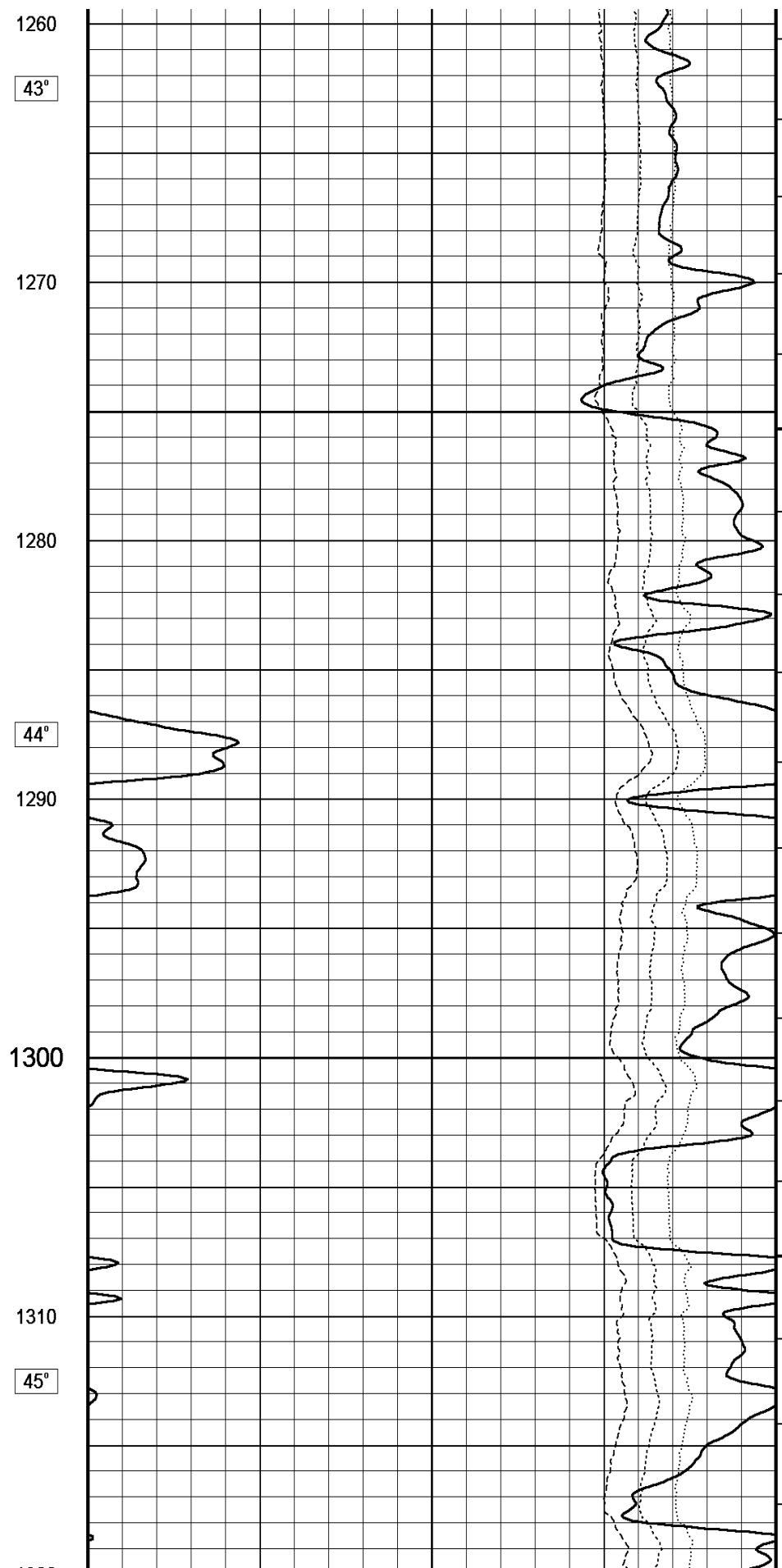
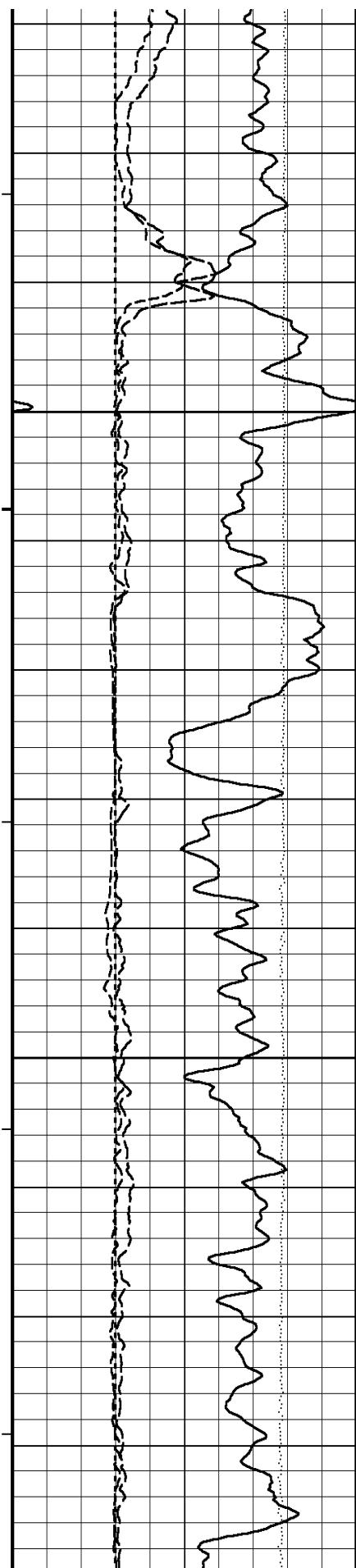


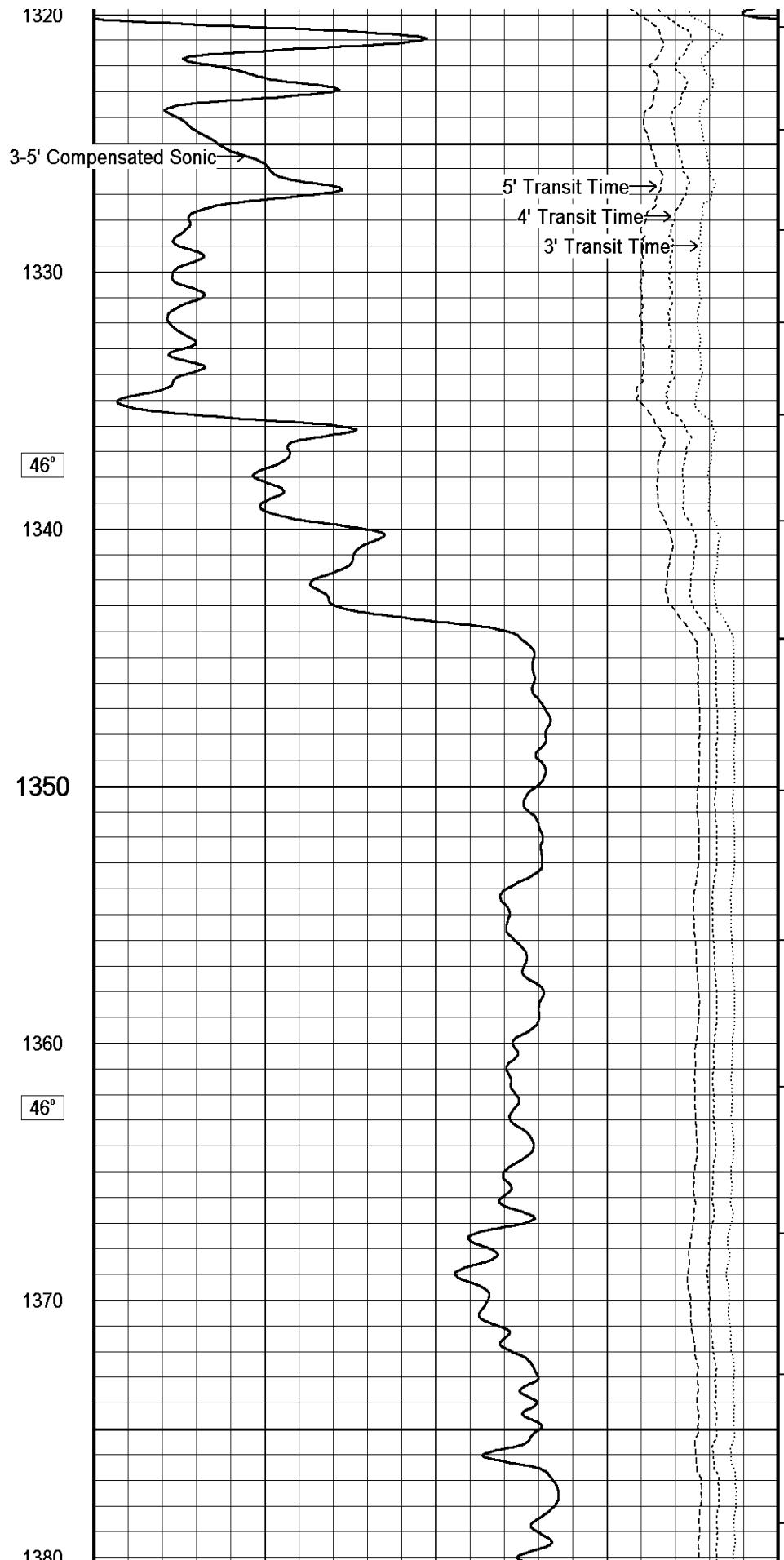
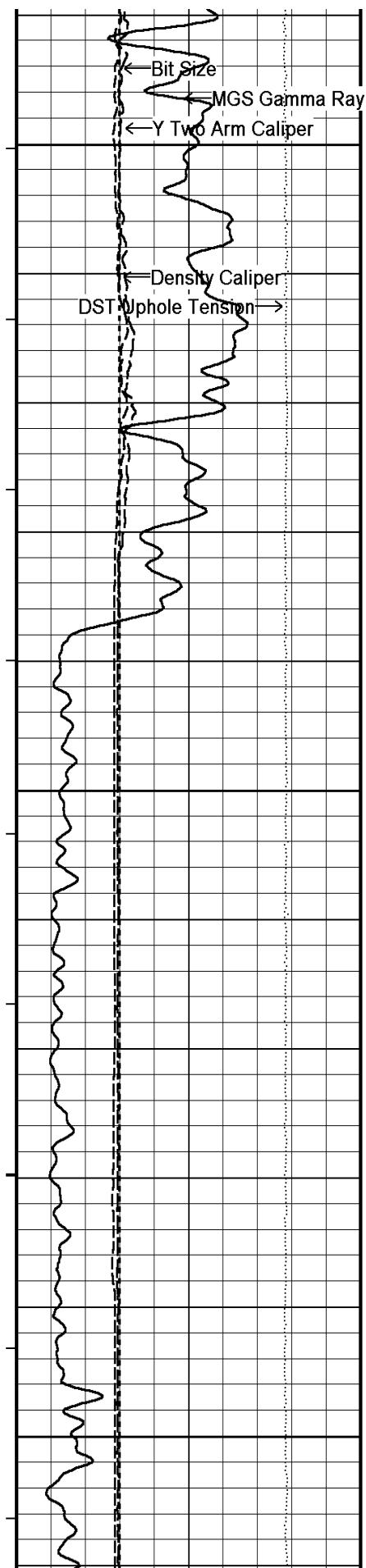


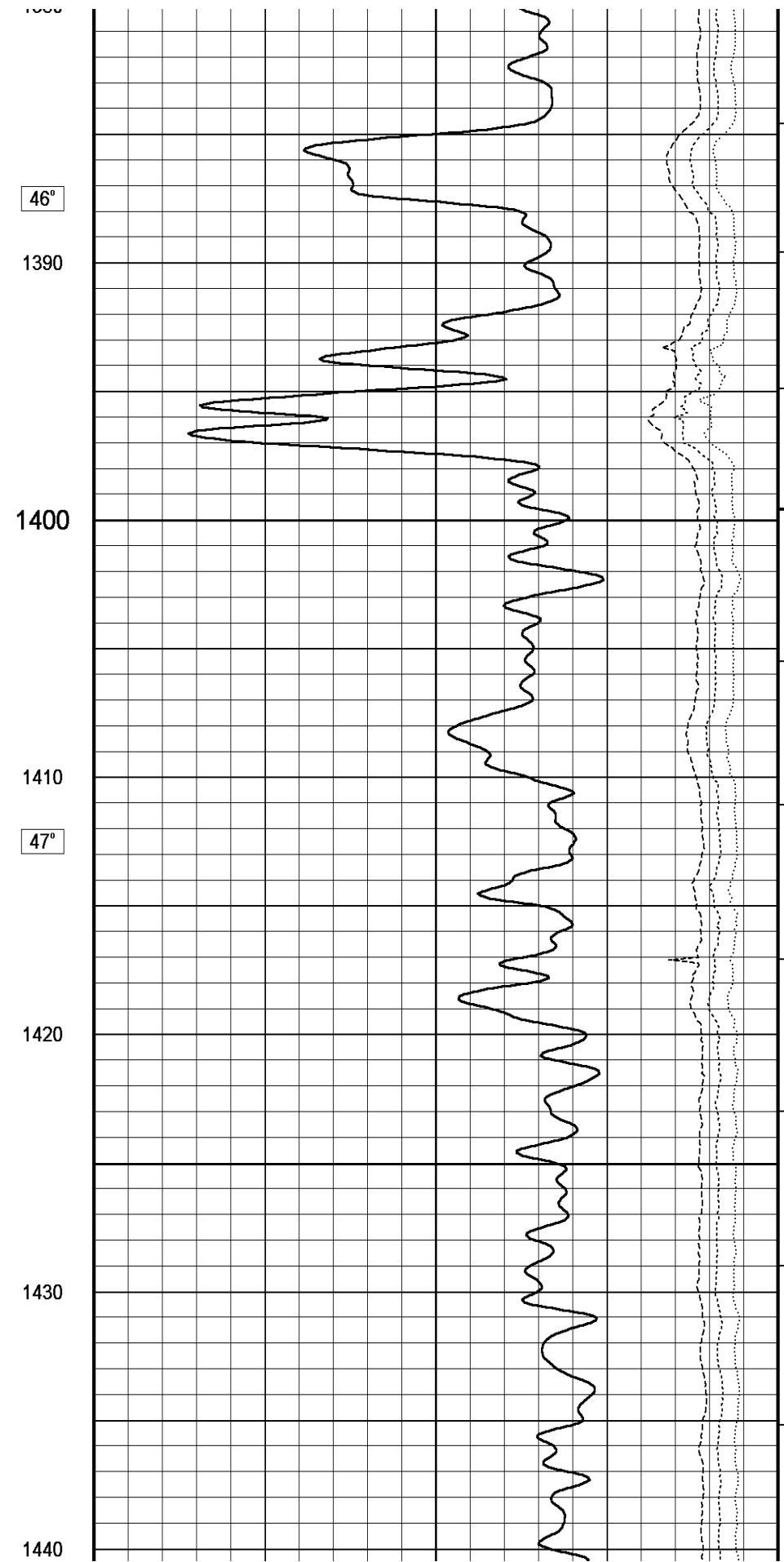
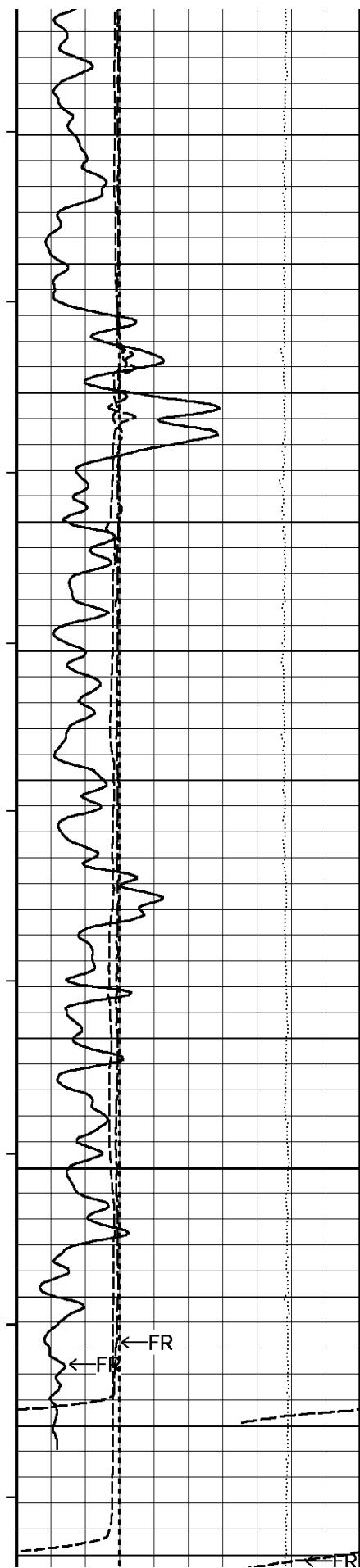


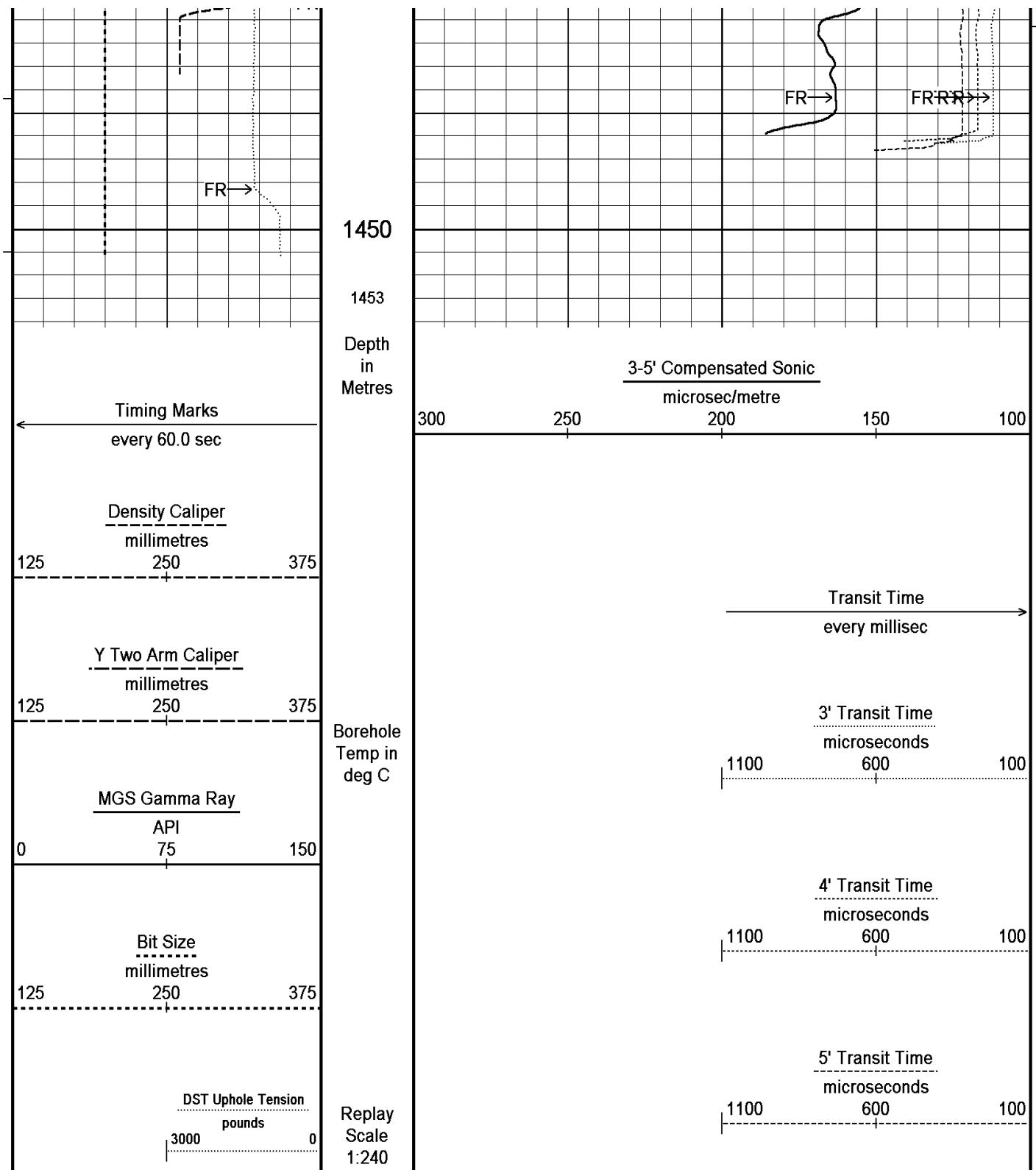












Depth Based Data - Maximum Sampling Increment 10.0cm

Plotted on 12-NOV-2007 11:21

Filename: C:\Temp\Weatherford PreView\ON -73 main.dta

Recorded on 28-FEB-2007 02:28

System Versions: Logged with 7.01.0195 Processed with 7.01.0195 Plotted with 8.01.0091

1

MAIN LOG 1:240

1

REPEAT SECTION
MAIN LOG 1:240

Depth Based Data - Maximum Sampling Increment 10.0cm

Plotted on 12-NOV-2007 11:21

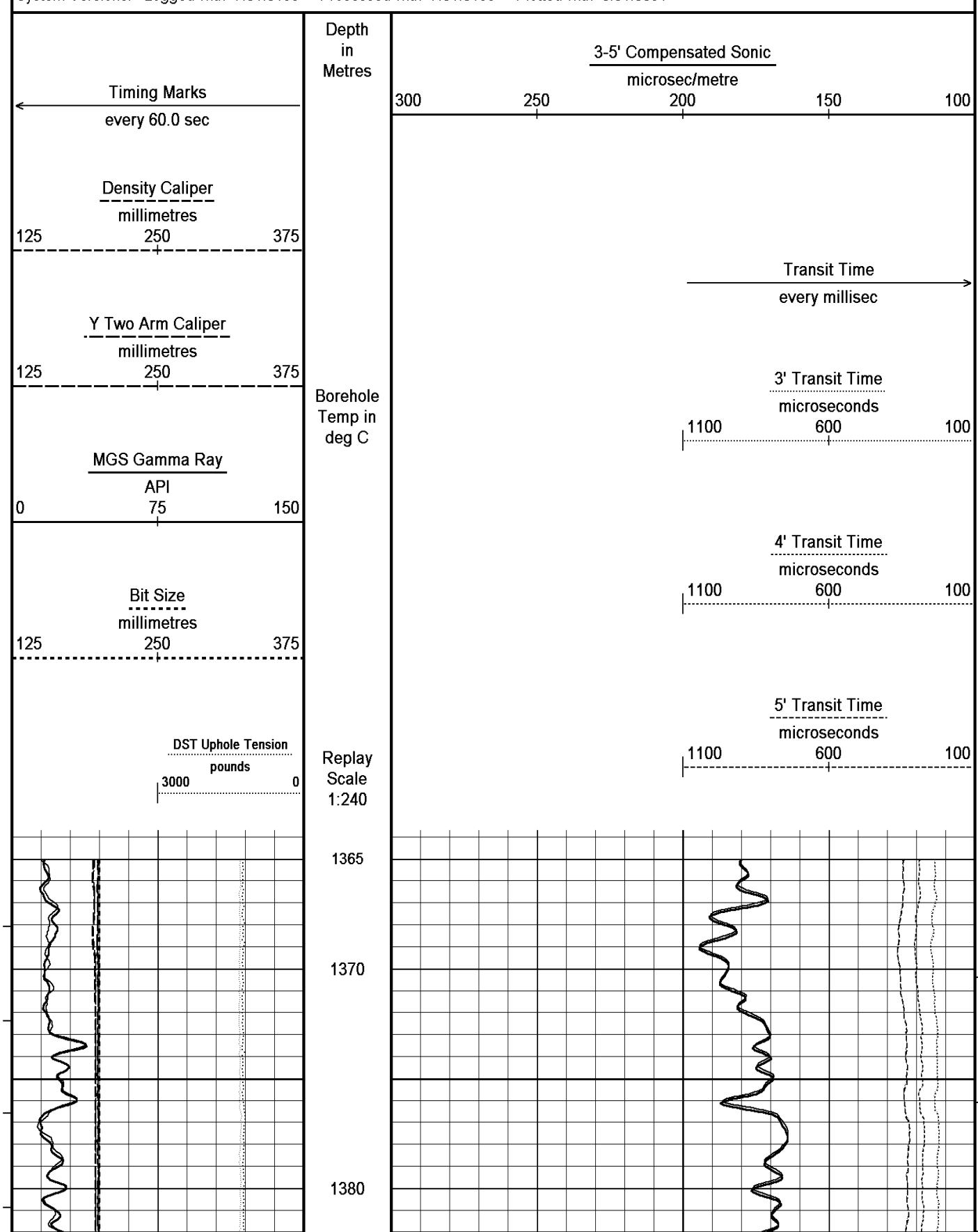
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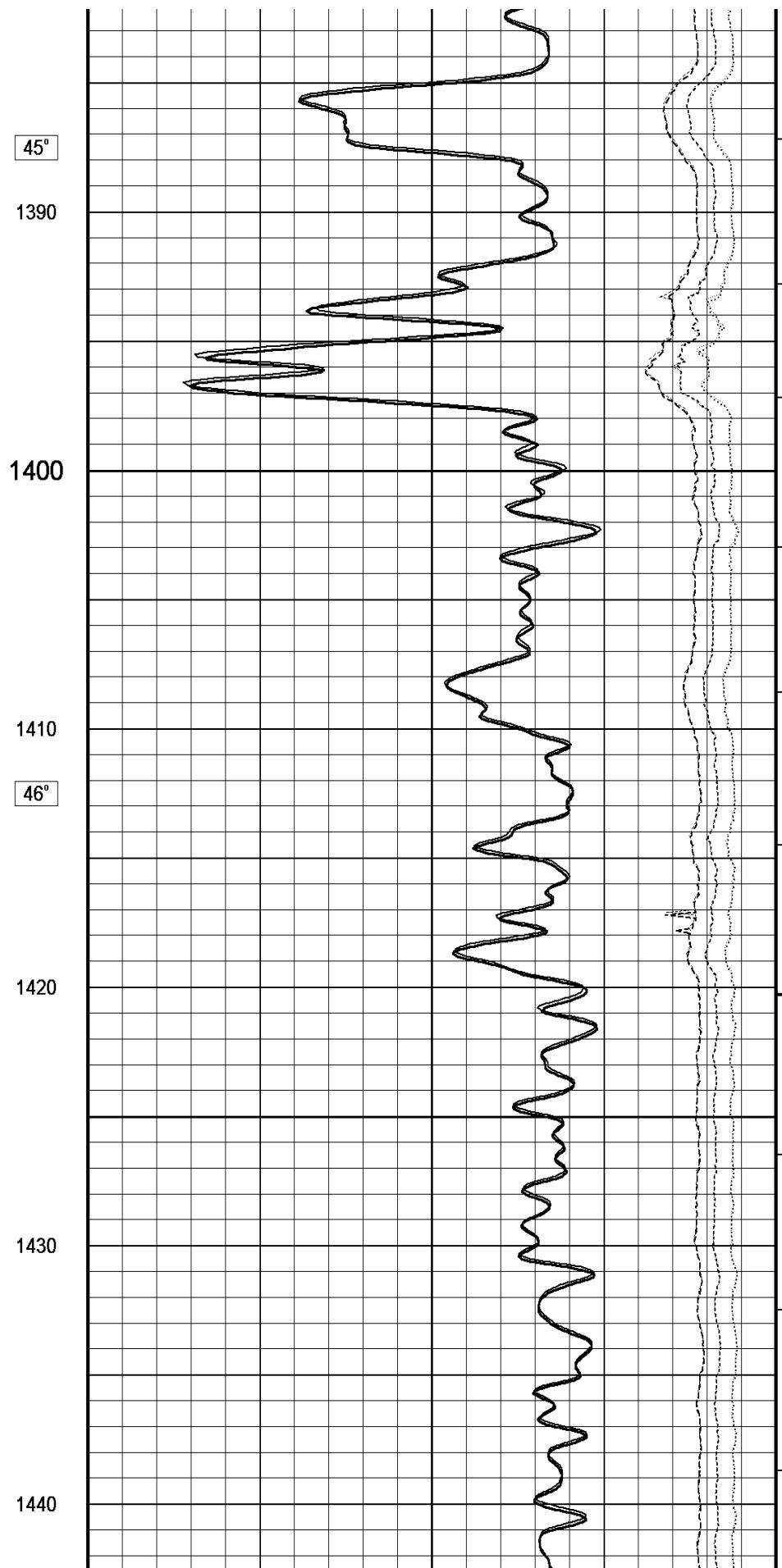
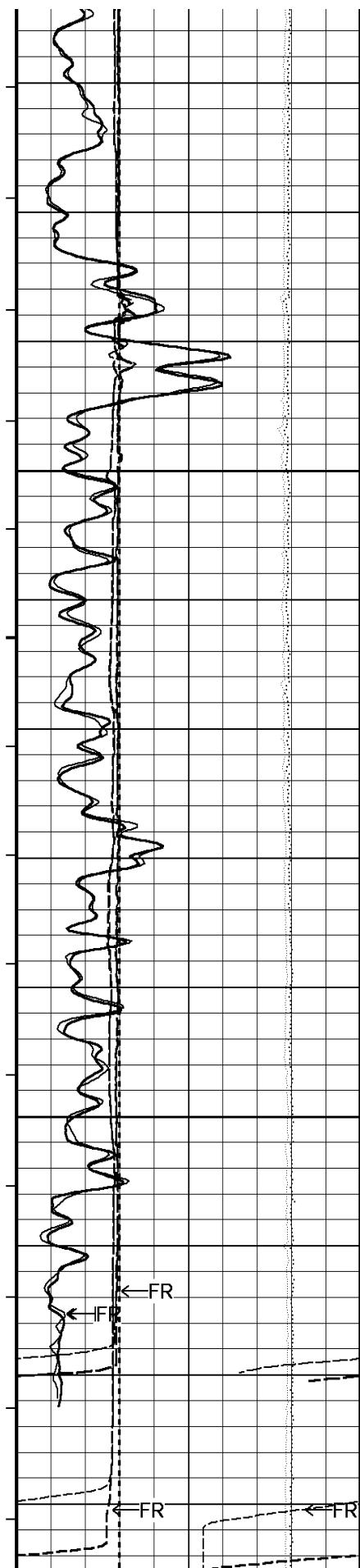
Recorded on 28-FEB-2007 01:43

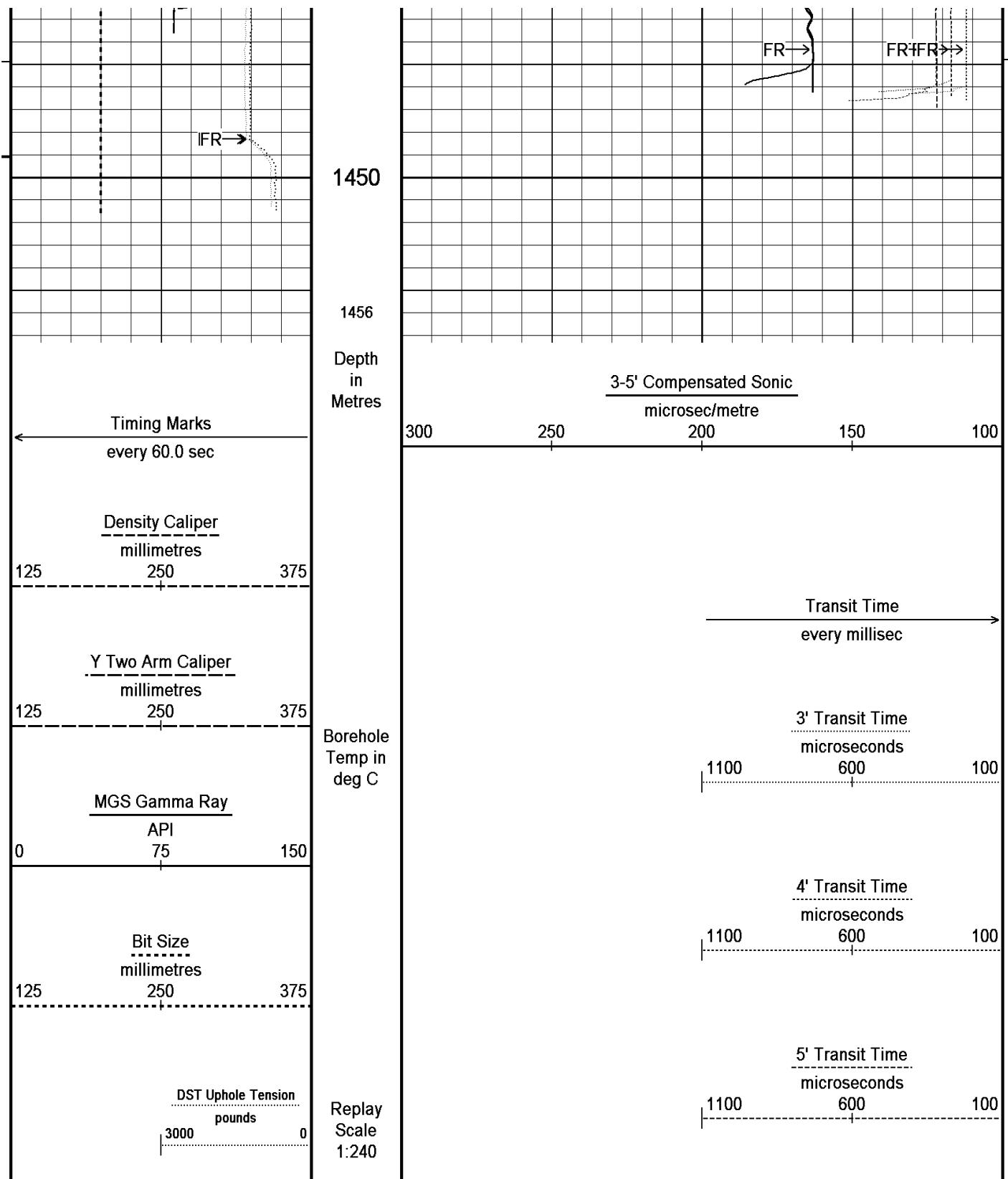
Filename: C:\Temp\Weatherford PreView\0\L-73.main.dta

Recorded on 28-FEB-2007 02:28

System Versions: Logged with 7.01.0195 Processed with 7.01.0195 Plotted with 8.01.0091







Depth Based Data - Maximum Sampling Increment 10.0cm

Plotted on 12-NOV-2007 11:21

Filename: C:\Temp\Weatherford PreView\OL-73 rpt.dta

Recorded on 28-FEB-2007 01:43

Filename: C:\Temp\Weatherford PreView\OL-73 main.dta

Recorded on 28-FEB-2007 02:28

System Versions: Logged with 7.01.0195 Processed with 7.01.0195 Plotted with 8.01.0091



REPEAT SECTION
MAIN LOG 1:240



BEFORE SURVEY CALIBRATION

C:\Temp\Weatherford PreView\0\L-73 main.dta

General Constants All 000

Last Edited on 28-FEB-2007,00:23

General Parameters

Mud Resistivity	0.540	ohm-metres
Mud Resistivity Temperature	25.000	degrees C
Water Level	0.000	metres
Density/Neutron Processing	Wet Hole	

Hole/Annular Volume and Differential Caliper Parameters

HVOL Caliper 1	Density Caliper
HVOL Caliper 2	Y Two Arm Caliper
Annular Volume Diameter	139.700
Caliper for Differential Caliper	Density Caliper

Rwa Parameters

Porosity used	Base Density Porosity
Resistivity used	Deep Induction
RWA Constant A	0.610
RWA Constant M	2.150

Gamma Calibration MCG 131

Field Calibration on 26-FEB-2007 10:56

	Measured	Calibrated (API)
Background	56	35
Calibrator (Gross)	1332	829
Calibrator (Net)	1277	794

Gamma Constants MCG 131

Last Edited on 27-FEB-2007,23:06

Gamma Calibrator Number	GRC 095	
Mud Density	1180.00	kg/m ³
Caliper Source for Processing	Density Caliper	
Tool Position	Centred	
Concentration of KCl	0.00	kppm

SP Calibration MCG 131

Field Calibration on 24-FEB-2007 11:45

	Measured	Calibrated (mV)
Reference 1	101.0	100.0
Reference 2	-99.3	-100.0

High Resolution Temperature Calibration MCG 131

Field Calibration on 15-DEC-2006,15:05

	Measured	Calibrated(Deg C)
Lower	1.00	1.00
Upper	10.00	10.00

High Resolution Temperature Constants MCG 131

Pre-filter Length 11

FE Calibration MFE 111

Base Calibration on 15-FEB-2007 19:40

Field Check on 28-FEB-2007 00:16

Base Calibration

	Measured	Calibrated (ohm-m)
Reference 1	0.0	0.0
Reference 2	983.2	126.8
Base Check		278.8
Field Check		279.0

FE Constants MFE 111	Last Edited on 25-FEB-2007,03:56		
Caliper Source for FE correction Rm Source for FE correction Temp. for Rm Corr. Stand-off	Density Caliper Temperature Corr MCG External Temperature Centred		millimetres
Caliper Calibration MTC 024	Base Calibration on 6-FEB-2007 10:21 Field Calibration on 28-FEB-2007,00:43		
Base Calibration			
Reading No	Measured	Calibrator Size (mm)	
1	15472	110.00	
2	18252	162.00	
3	21045	212.00	
4	23841	262.00	
5	26691	311.00	
6	N/A	N/A	
Field Calibration			
	Measured Caliper (mm)	Actual Caliper (mm)	
	210.30	205.70	
Gamma Calibration MGS 029	Field Calibration on 20-FEB-2007,01:19		
	Measured	Calibrated (API)	
Background	58	38	
Calibrator (Gross)	1286	832	
Calibrator (Net)	1228	794	
Gamma Constants MGS 029	Last Edited on 27-FEB-2007,23:06		
Gamma Calibrator Number	GRCC095		
Mud Density	1180.00	kg/m3	
Caliper Source for Processing	Density Caliper		
Tool Position	Centred		
Concentration of KCl	0.00	kppm	
SP Calibration MGS 029	Field Calibration on 7-DEC-2006,17:01		
	Measured	Calibrated (mV)	
Reference 1	100.0	100.0	
Reference 2	-100.0	-100.0	
High Resolution Temperature Calibration MGS 029	Field Calibration on 7-DEC-2006,17:01		
	Measured	Calibrated(Deg C)	
Lower	1.00	1.00	
Upper	5.00	5.00	
High Resolution Temperature Constants MGS 029			
Pre-filter Length	11		
Micro Laterolog Constants MMR 031			
Micro Laterolog K Factor	0.0128		
Standoff Offset	0.0000	inches	
Borehole Correction Constants			
Mud Cake Source	Constant Value		
Mud Cake Thickness	0.4000	inches	
Mud Cake Thickness Caliper	0		
Mud Cake Resistivity	0.1500	ohm-m	
Caliper Calibration MMR 031	Base Calibration on 27-FEB-2007,13:43 Field Calibration on 28-FEB-2007,00:43		

Base Calibration					
Reading No	Measured	Calibrator Size (mm)			
1	14876	162.00			
2	17978	212.00			
3	21602	262.00			
4	24308	311.00			
5	0	0.00			
6	N/A	N/A			
Field Calibration					
	Measured Caliper (mm)	Actual Caliper (mm)			
	205.60	205.70			
Micro Normal and Micro Inverse Calibration MMR 031					
Base Calibration					
Channel	Measured	Calibrated (ohm-m)			
Micro Normal	Resistor 1 9.8	Resistor 1 5.1	25.6		
Micro Inverse	Resistor 2 49.8	Resistor 2 3.4	16.9		
Channel	Base Check (ohm-m)	Field Check (ohm-m)			
Micro Normal	94.7	92.9			
Micro Inverse	61.6	61.6			
Micro Normal and Micro Inverse Constants MMR 031					
Micro Normal K Factor	0.5110				
Micro Inverse K Factor	0.3380				
Standoff Offset	0.0000	millimetres			
Neutron Calibration MDN 016					
Base Calibration					
	Measured	Calibrated (cps)			
Ratio	Near 3219	Far 98	Near 3714		
	32.703		110		
		33.764			
Field Calibrator at Base					
Ratio	2486	Calibrated (cps) 3648			
	0.681				
Field Check					
Ratio	2568	Calibrated (cps) 3767			
	0.682				
Neutron Constants MDN 016					
Last Edited on 25-FEB-2007,03:55					
Neutron Source Id	277				
Neutron Jig Number	N636				
Epithermal Neutron	No				
Caliper Source for Processing	Density Caliper				
Stand-off	0.00	mm			
Mud Density	1000.00	kg/m ³			
Limestone Sigma	7.10	cu			
Sandstone Sigma	4.26	cu			
Dolomite Sigma	4.70	cu			
Formation Pressure Source	Constant Value				
Formation Pressure	0.00	kPa			
Temperature Source	Constant Value				
Temperature	20.00	degrees C			
Mud Salinity	0.00	kppm			
Formation Fluid Salinity Source	Constant Value				
Formation Fluid Salinity	0.00	kppm			

Barite Mud Correction	Not Applied			
Photo Density Calibration MPD 093		Base Calibration on 21-FEB-2007 18:37 Field Check on 27-FEB-2007 23:24		
Density Calibration				
Base Calibration	Measured	Calibrated (sdu)		
	Near	Far	Near	Far
Reference 1	66461	35432	60352	31615
Reference 2	27582	2460	25043	2540
Field Check at Base	738.4	855.4		
Field Check	743.9	865.6		
PE Calibration				
Base Calibration	Measured	Calibrated		
	WS	WH	Ratio	Ratio
Background	135	656		
Reference 1	27020	66295	0.410	0.400
Reference 2	7311	27477	0.268	0.272
Field Check at Base	135.0	656.2		
Field Check	134.5	658.1		
Density Constants MPD 093		Last Edited on 27-FEB-2007,23:07		
Density Source Id	1615B			
Nylon Calibrator Number	608			
Aluminum/Fe Calibrator Number	608			
Density Shoe Profile	4 inch			
Caliper Source for Processing	Density Caliper			
PE Correction to Density	Not Applied			
Mud Density	1180.00	kg/m3		
Mud Density Z/A Correction	1.11			
Mud Filtrate Density	1000.00	kg/m3		
Dry Hole Mud Filtrate Density	1000.00	kg/m3		
DNCT	0.00	kg/m3		
CRCT	0.00	kg/m3		
Density Z/A Correction	0			
Matrix Density (kg/m3)	Depth (m)			
2710.00	0.00			
0.00	0.00			
0.00	0.00			
0.00	0.00			
0.00	0.00			
0.00	0.00			
0.00	0.00			
0.00	0.00			
Caliper Calibration MPD 093		Base Calibration on 11-JAN-2007 21:58 Field Calibration on 28-FEB-2007,00:44		
Base Calibration				
Reading No	Measured	Calibrator Size (mm)		
1	15040	110.00		
2	23085	162.00		
3	31440	212.00		
4	40233	262.00		
5	49152	311.00		
6	N/A	N/A		

Field Calibration		Measured Caliper (mm)	Actual Caliper (mm)
		207.70	205.70
Sonic Constants MSS 003			Last Edited on 27-FEB-2007,23:07
Maximum Boundary Contrast	328.08	micro-sec/m	
Fluid Transit Time	620.08	micro-sec/m	
Limestone Transit Time	155.84	micro-sec/m	
Sandstone Transit Time	182.09	micro-sec/m	
Dolomite Transit Time	142.72	micro-sec/m	
Sonic used for Porosities	3-5' Compensated Sonic		
Correction for Sonde Skew	Applied		
Cycle Stretch Algorithm	Applied		
MN3FT	N/A	micro-sec	
MX3FT	N/A	micro-sec	
Hunt-Raymer Constant	0.00	0	
Fixed Gate Parameters			
Start Time (micro-sec)	End Time (micro-sec)	Discriminator (mV)	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Down Hole Fixed Gate Parameters			
Gate Start	N/A	micro-sec	
Gate Width	N/A	micro-sec	
Initial Discriminator Level	0.0000	mVolts	
Full Waveform Parameters			
Use 3' Waveform to derive TR	N/A		
Use 4' Waveform to derive TR	N/A		
Use 5' Waveform to derive TR	N/A		
Use 6' Waveform to derive TR	N/A		
3' Waveform Discriminator Level	N/A	mV	
4' Waveform Discriminator Level	N/A	mV	
5' Waveform Discriminator Level	N/A	mV	
6' Waveform Discriminator Level	N/A	mV	
3' Waveform Filter	N/A		
4' Waveform Filter	N/A		
5' Waveform Filter	N/A		
6' Waveform Filter	N/A		
Semblance Level	N/A		
Semblance Window Width	N/A	micro-sec	
Sonic 1 Despiker	N/A	N/A	
Sonic 2 Despiker	N/A	N/A	
Induction Calibration MAI 154			Base Calibration on 14-JAN-2007 01:38
			Field Check on 28-FEB-2007 00:33
Base Calibration			
Test Loop Calibration		Measured	Calibrated (mmho/m)
Channel		Low	High
1		16.6	470.6
2		6.3	383.0
3		4.0	264.7
4		2.3	136.2
Array Temperature		22.3	Deg C
Channel		Base Check (mmho/m)	Field Check (mmho/m)
Low		High	Low

1	13.1	3867.2	15.3	3866.9
2	29.6	3530.7	30.2	3528.9
3	26.8	3001.8	27.1	2999.9
4	18.4	2040.8	18.6	2039.5
Deep	15.3	1926.8	15.7	1925.6
Medium	39.6	3962.8	39.7	3960.1
Shallow	45.8	5270.7	46.6	5268.1
Array Temperature		12.1	28.0	Deg C

Induction Constants MAI 154

Last Edited on 27-FEB-2007,23:07

Induction Model	VECTAR		
Caliper for Borehole Corr.	Density Caliper		
Hole Size for Borehole Correction	N/A	millimetres	
Stand-off	25.40	millimetres	
Number of Fins on Stand-off	5.0000		
Stand-off Fin Width	25.4000	millimetres	
Borehole Corr. Rm Source	Temperature Corr		
Temp. for Rm Corr.	MCG External Temperature		
Squasher Start	0.0020	mhos/metre	

Borehole Normalisation

DRM1	0.0000	DRC1	0.0000
DRM2	0.0000	DRC2	0.0000
MRM1	0.0000	MRC1	0.0000
MRM2	0.0000	MRC2	0.0000
SRM1	0.0000	SRC1	0.0000
SRM2	0.0000	SRC2	0.0000

Calibration Site Corrections

Channel 1	0.00	mmhos/metre
Channel 2	0.00	mmhos/metre
Channel 3	0.00	mmhos/metre
Channel 4	0.00	mmhos/metre

Apparent Porosity and Water Saturation Constants

Archie Constant (A)	1.00	
Cementation Exponent (M)	2.00	
Saturation Exponent (N)	2.00	
Saturation of Water for Apor	100.00	percent
Resistivity of Water for Apor and Sw	0.05	ohm-m
Resistivity of Mud Filtrate for Sw	0.00	ohm-m

High Resolution Temperature Calibration MAI 154

Field Calibration on 16-DEC-2006,08:07

	Measured	Calibrated(Deg C)
Lower	1.00	1.00
Upper	10.00	10.00

High Resolution Temperature Constants MAI 154

Pre-filter Length	11
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DOWNHOLE EQUIPMENT

C:\Temp\Weatherford PreView\0\l-73 main.dta

Compact Gamma
MCG 131 Length: 2.65 m

Weight: 63.9 lb



20.98 m GRGC - Gamma Ray

20.10 m CGXT - MCG External Temperature



Compact Focussed Electric
MFE 111 Length: 1.84 m

Weight: 48.5 lb

18.98 m FFE - Shallow FE

Compact Two Arm Caliper
MTC 24 Length: 2.17 m

Weight: 61.7 lb

16.53 m CLYC - Y Two Arm Caliper

Compact Short Gamma
MGS 29 Length: 1.04 m

Weight: 24.3 lb

15.66 m GRGM - MGS Gamma Ray

Compact InterSonde Crank
ISC 151 Length: 0.71 m

Weight: 24.3 lb

Compact Micro-Resistivity
MMR 31 Length: 2.62 m

Weight: 81.6 lb

12.10 m MBTC - MMR Caliper
12.10 m MINV - MMR MicroLog Inverse
12.10 m MNRL - MMR MicroLog Normal

Compact Neutron
MDN 16 Length: 1.53 m

Weight: 50.7 lb

10.64 m NPRS - Sandstone Neutron Por.

Compact Density/Caliper
MPD 93 Length: 2.92 m

Weight: 90.4 lb

8.06 m AVOL - Annular Volume
8.06 m HVOL - Hole Volume
8.06 m CLDC - Density Caliper
7.85 m DCOR - Density Correction
7.85 m DPRS - Sandstone Density Por.
7.83 m PDPE - PE

Compact Sonic
MSS 3 Length: 3.82 m

Weight: 72.8 lb

3.95 m TR21 - 3' Transit Time
3.95 m TR11 - 4' Transit Time
3.95 m DT35 - 3-5' Compensated Sonic
3.95 m TR12 - 6' Transit Time
3.95 m TR22 - 5' Transit Time
3.95 m DT34 - 3-4' Compensated Sonic

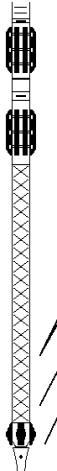
Compact Induction
MAI 154 Length: 3.29 m Weight: 48.5 lb

0.79 m RILM - Medium Induction
0.79 m RILD - Deep Induction
0.07 m SPCG - Spontaneous Potential
Tool Zero (0.28m from bottom)

Compact Hole Finder
HFS 1 Length: 0.24 m Weight: 2.2 lb

All measurements relative to tool zero.

Total Length: 22.83 m Weight: 568.8 lb



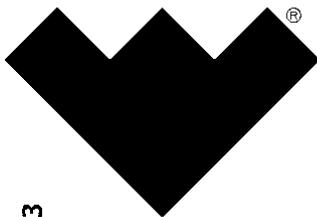
COMPANY	PARAMOUNT RESOURCES LTD
WELL	PARA ET AL CAMERON L-73
FIELD	CAMERON HILLS
PROVINCE/COUNTY	NORTHWEST TERRITORIES
COUNTRY/STATE	CANADA

Elevation Kelly Bushing	774.80	metres	First Reading	1444.30	metre
Elevation Drill Floor		metres	Depth Driller	1450.00	metres
Elevation Ground Level	770.80	metres	Depth Logger	1448.60	metres



Weatherford[®]

COMPENSATED SONIC



SECTOR BOND TOOL

COMPANY	PARAMOUNT RESOURCES LTD		
PROVINCE N.W.T	CAMERON		
FIELD	PARAMOUNT et al CAMERON L73		
WELL	300/L-73-60-10-117-15		
COMPANY	PARAMOUNT RESOURCES LTD		
WELL	PARAMOUNT et al CAMERON L73		
FIELD	CAMERON		
PROVINCE N.W.T			
LSD Sec. Twp. Rge. Perm. Datum Ground Level Elev. 770.80 Log measured from K.B. , 4.00 m above Permanent Datum.		Other Services: PERFORATE	
UWI 300L736010117150 Licence 2033		ELEV. K.B. 774.80 G.L. 770.80	
Date	MARCH 15 2007		
Service Order	4313637		
Run No.	ONE		
BHT	0 °C		
Depth-Driller	1450.0		
Depth-Logger	1432.0		
Btm. Log Inter.	1432.0		
Top Log Inter.	1200.0		
Fluid in Hole	WATER		
Fluid Level	150.0		
Bit Size (mm)	0.0		
Unit #	14215		
Location	HIGH LEVEL		
Recorded By	D. BOIRE		
Witnessed By	R. OBRIGEWITCH		
Other Services			
Service	Type	Size	Depth
Bridge Plug			
Produc. Packer			
Cement Retainer			
Cement			
Tubing Bottom	Junk Basket Type		
String Weight	String Dia. 5/8"		

All interpretations of log data are opinions based on inferences from electrical or other measurements. We do not guarantee the accuracy or correctness of any interpretation or recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents.

REMARKS Rig: PWS #34 Service Order # 4313637
CORRELATED TO PRECISION ENERGY SERVICES PHOTO DENSITY DUAL SPACED NEUTRON LOG

DATED FEBRUARY 07 2007

TICKET # 10155022

Run No.	Tool Type	Tool No.	Other	EQUIPMENT DATA
ONE	SBTAA	166	SECTOR	
	CTBAA	183	CCL - TELEMETRY	
	GRBAA	183	GAMMA RAY	



DEPTH SCALE: 1:240

VERSION: 7021587 R

CEMENT TOP

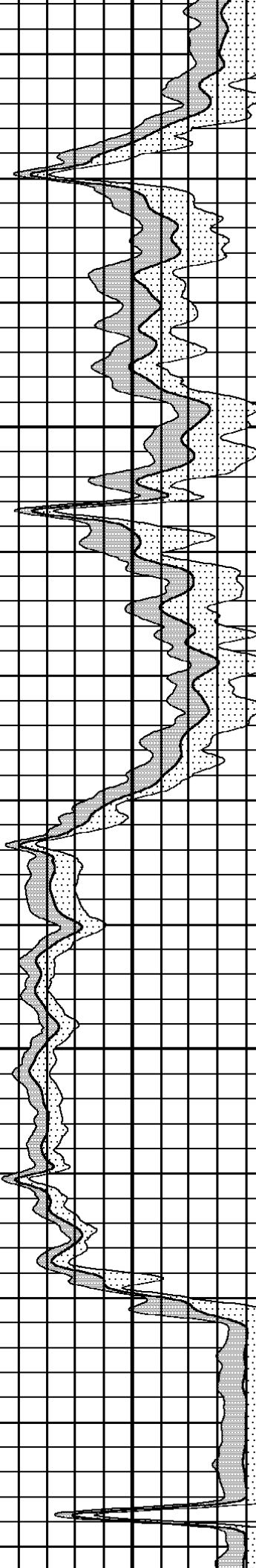
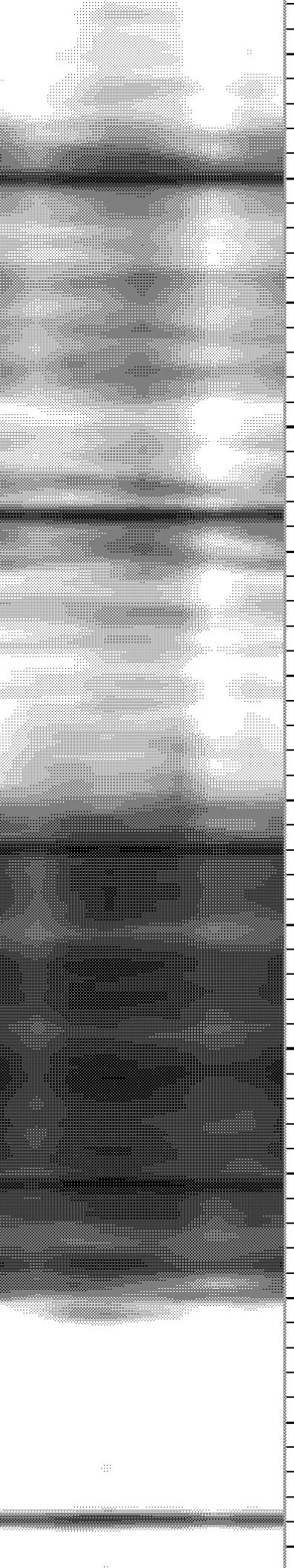
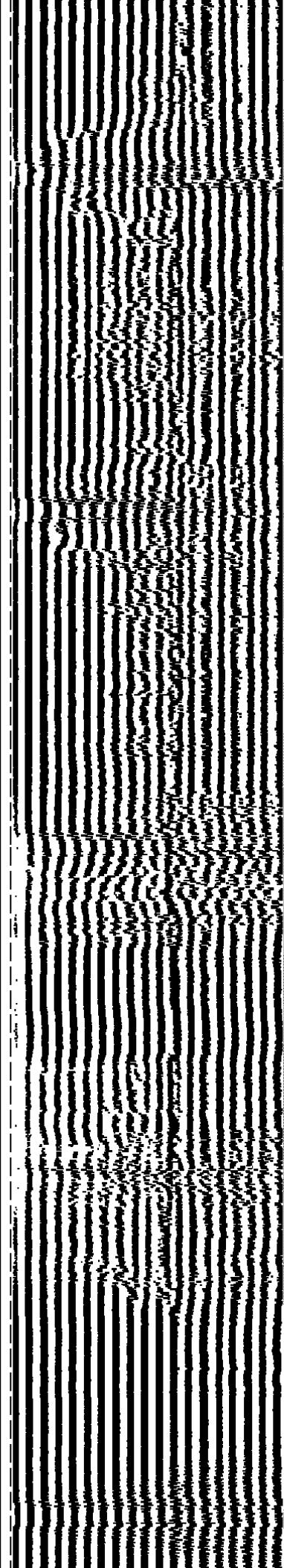
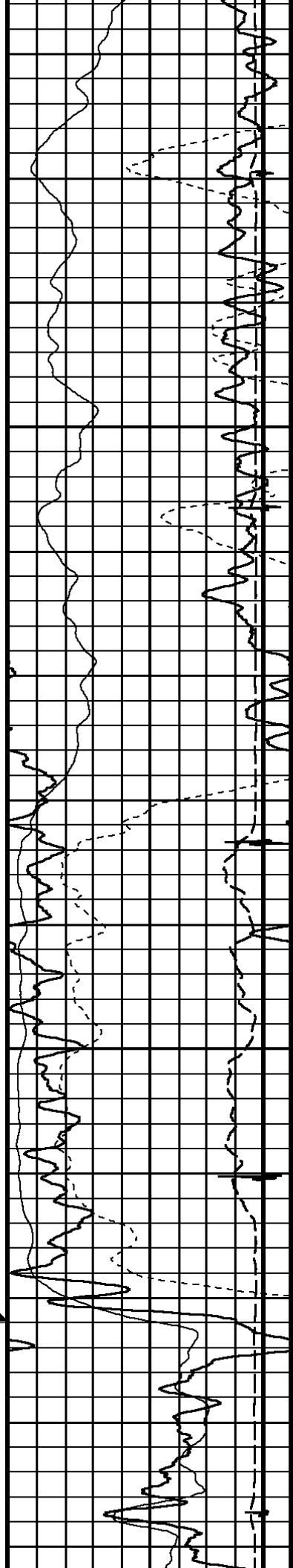
4313637 CTOP1

FINISH DEPTH: 367.5 Meters DIRECTION: UP DATE: 03/15/2007 TIME: 10:20 MODE: RECOMPUTE
RECOMPUTED DATE: 03/15/2007 TIME: 10:20

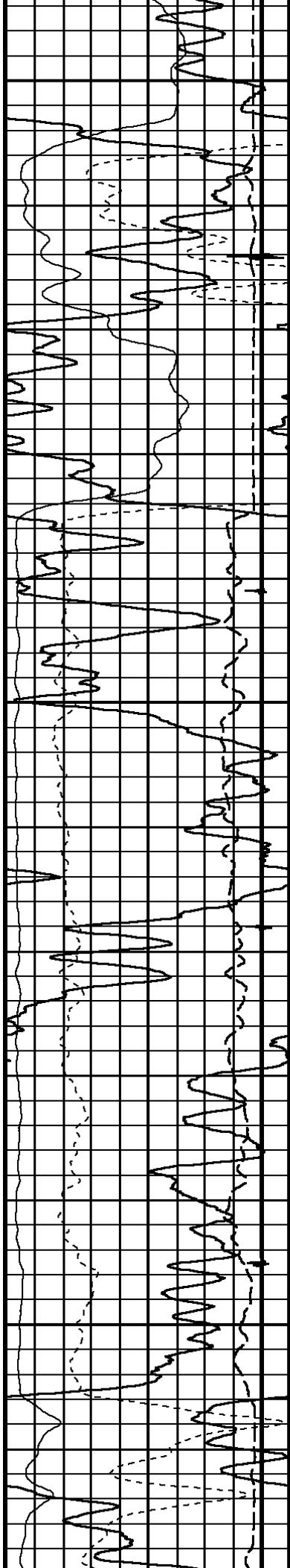
3' AMP. x5								
0	Millivolts	20						
COLLAR LOCATOR								
-5000	Millivolts	550						
GAMMA RAY								
0	API	120						
3' TRAVEL TIME			FREE PIPE TT					
600	Microseconds	200	200	Microseconds	1200			
3' AMPLITUDE			VARIABLE DENSITY			VARIABLE ENERGY		
0	Millivolts	100	200	Microseconds	1200	0	Millivolts	80
						0	Millivolts	100

400

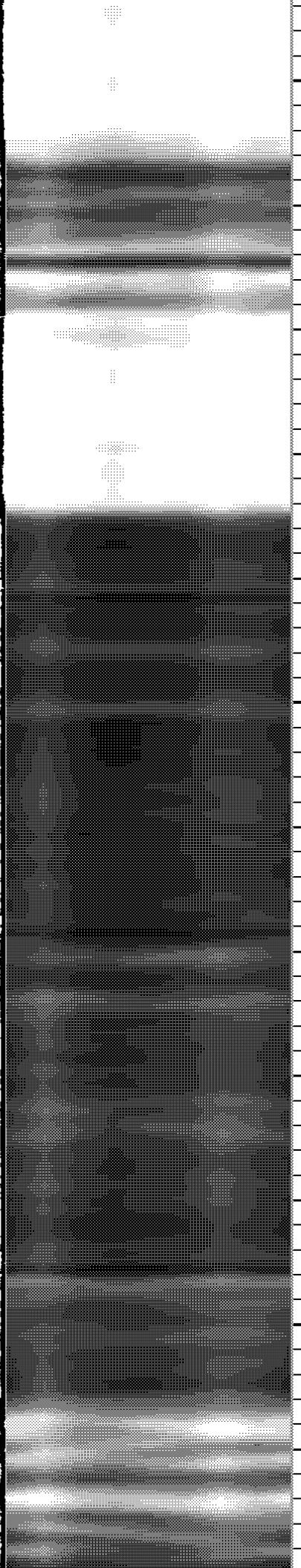
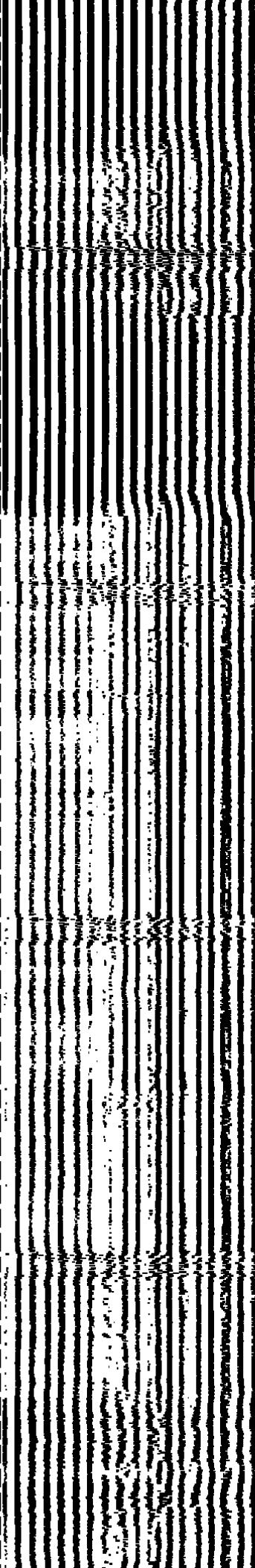
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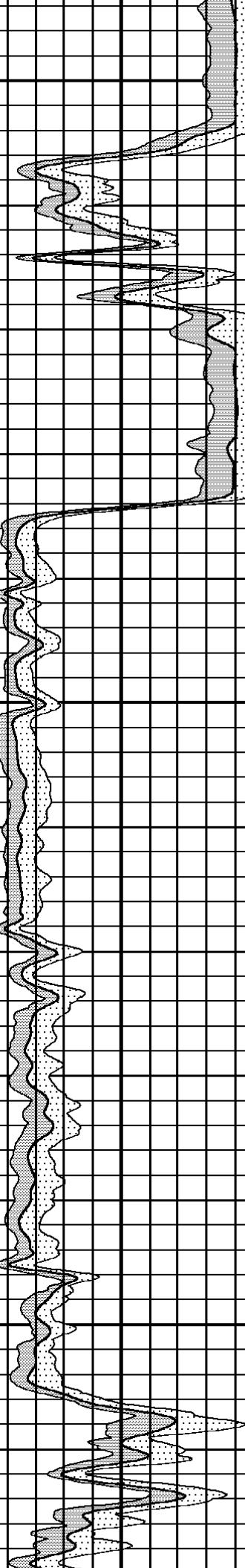
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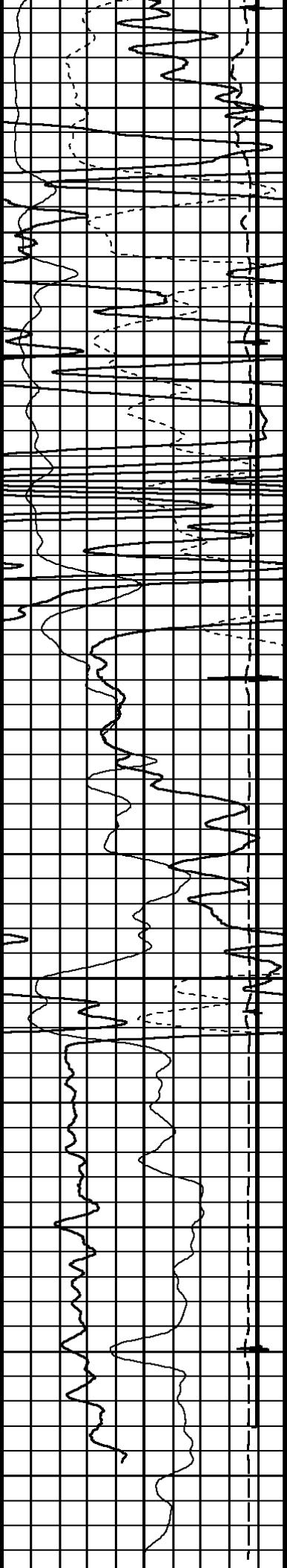
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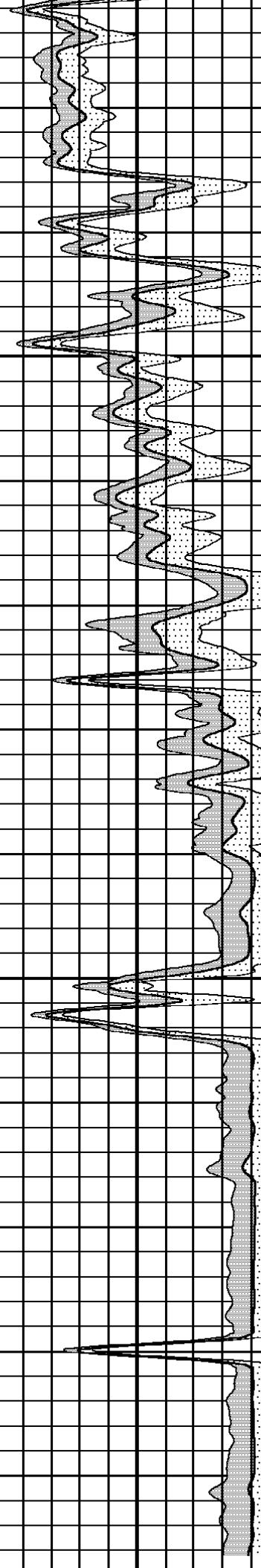
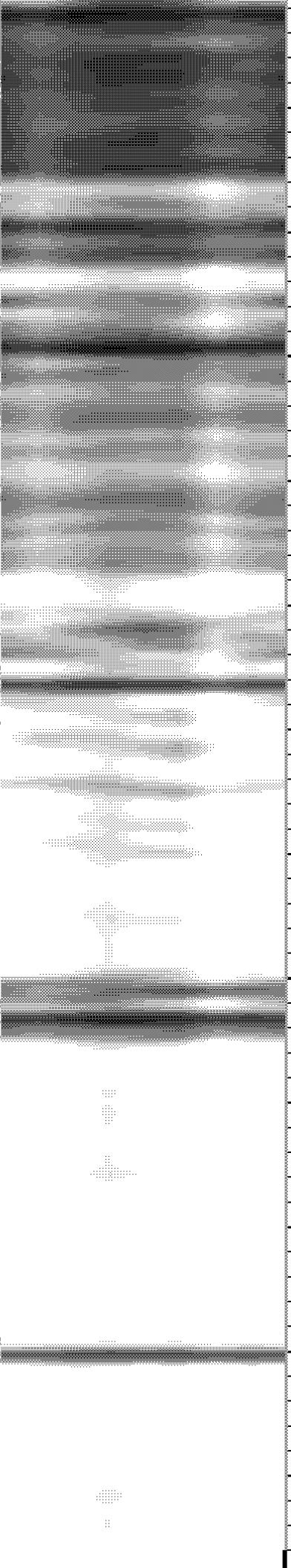
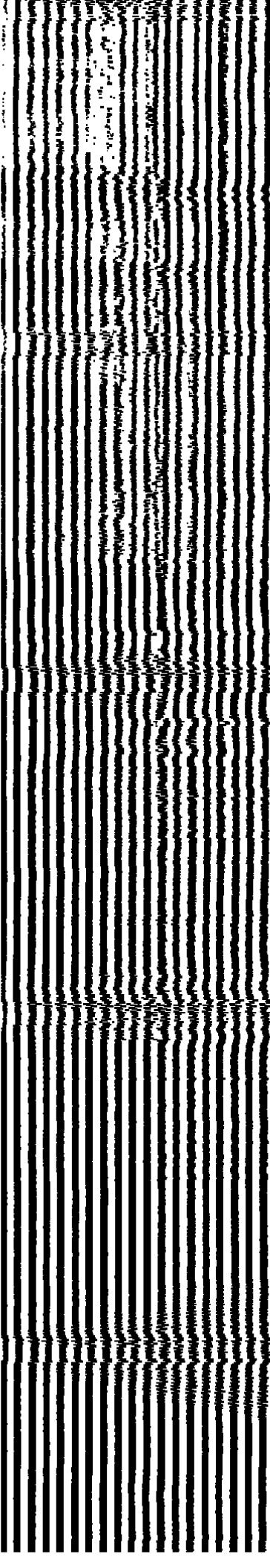
500



525



550



3' AMPLITUDE			VARIABLE DENSITY			VARIABLE ENERGY			MIN ENERGY		
0	Millivolts	100	200	Microseconds	1200	0	Millivolts	80	0	Millivolts	10
3' TRAVEL TIME			FREE PIPE TT						AVG ENERGY		
600	Microseconds	200	200	Microseconds	1200				0	Millivolts	10
GAMMA RAY									MAX ENERGY		
0	API	120							0	Millivolts	10
COLLAR LOCATOR											
-5000	Millivolts	550									
3' AMP. x5											
0	Millivolts	20									

START DEPTH: 575.3 DIRECTION: UP DATE: 03/15/2007 TIME: 10:19 MODE: RECOMPUTE
 RECOMPUTED DATE: 03/15/2007 TIME: 10:19

4313637 CTOP1

CEMENT TOP

DEPTH SCALE: 1:240

VERSION: 7021587 R

DEPTH SCALE: 1:240

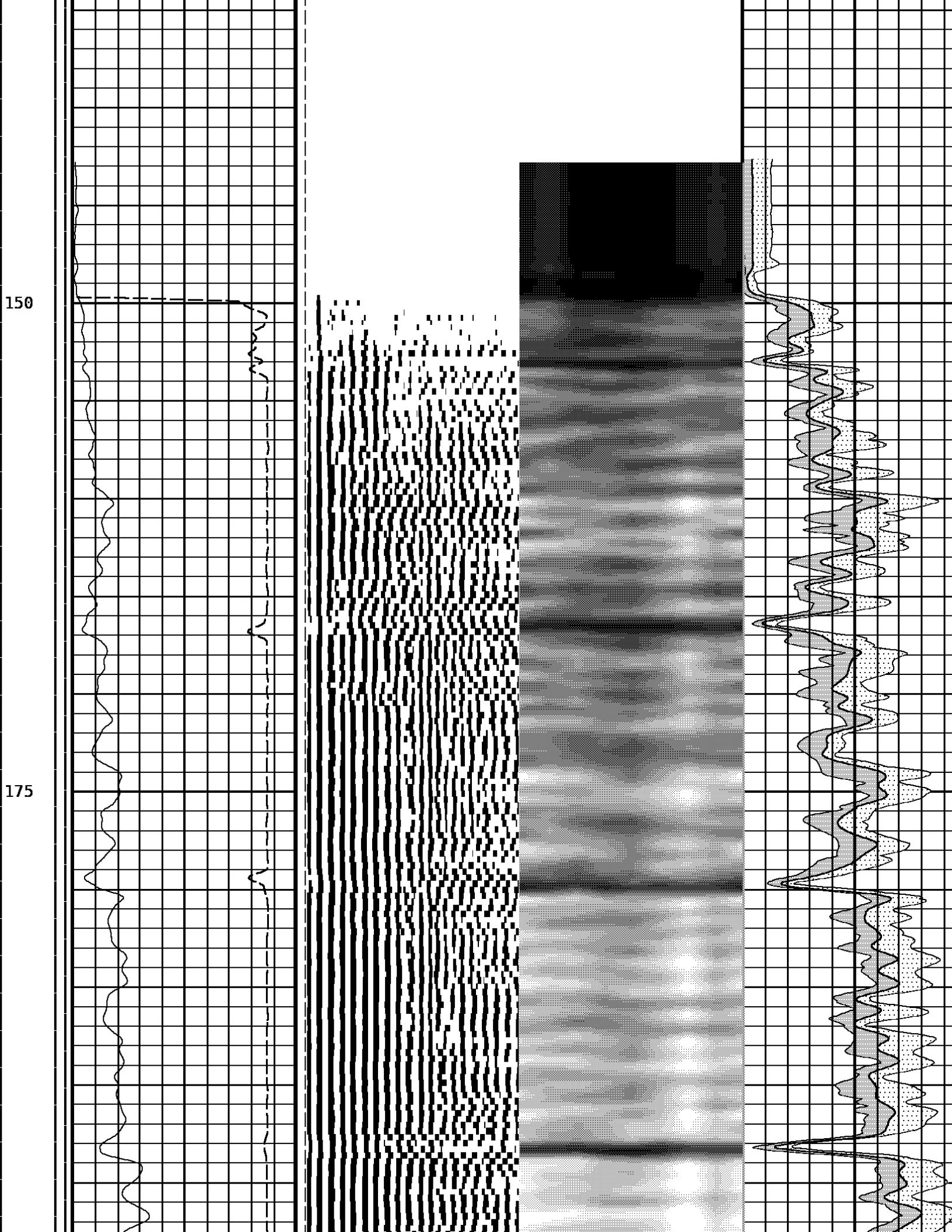
VERSION: 7021587 R

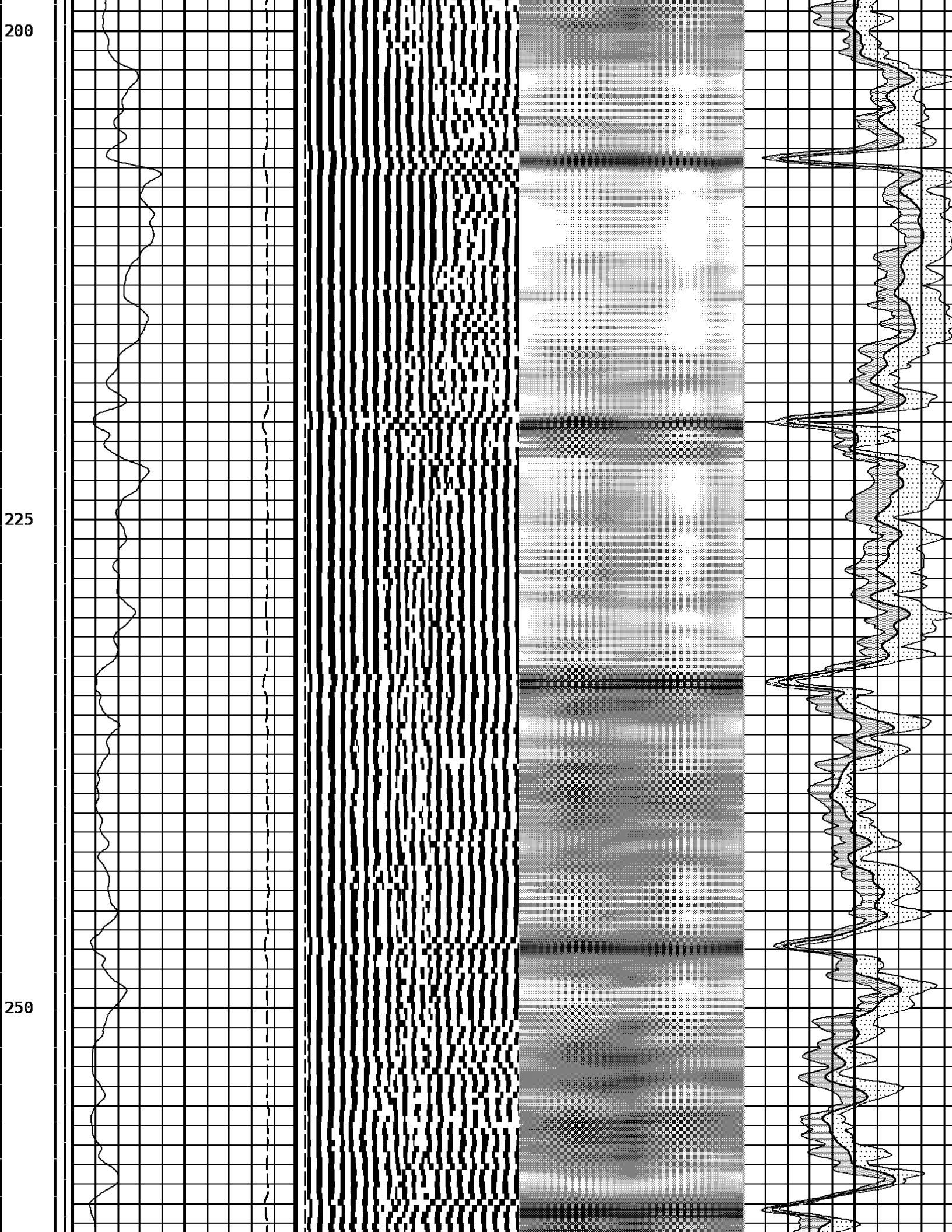
HIGH SPEED DOWN

4313637 HSD1

FINISH DEPTH: 1433.5 Meters DIRECTION: UP DATE: 03/15/2007 TIME: 09:24 MODE: TRACE PLAYBACK

3' TRAVEL TIME			FREE PIPE TT			VARIABLE ENERGY			MAX ENERGY		
600	Microseconds	200	200	Microseconds	1200				0	Millivolts	10
3' AMPLITUDE			VARIABLE DENSITY			VARIABLE ENERGY			AVG ENERGY		
0	Millivolts	100	200	Microseconds	1200	0	Millivolts	80	0	Millivolts	10
GAMMA RAY									MIN ENERGY		
0	API	120							0	Millivolts	10

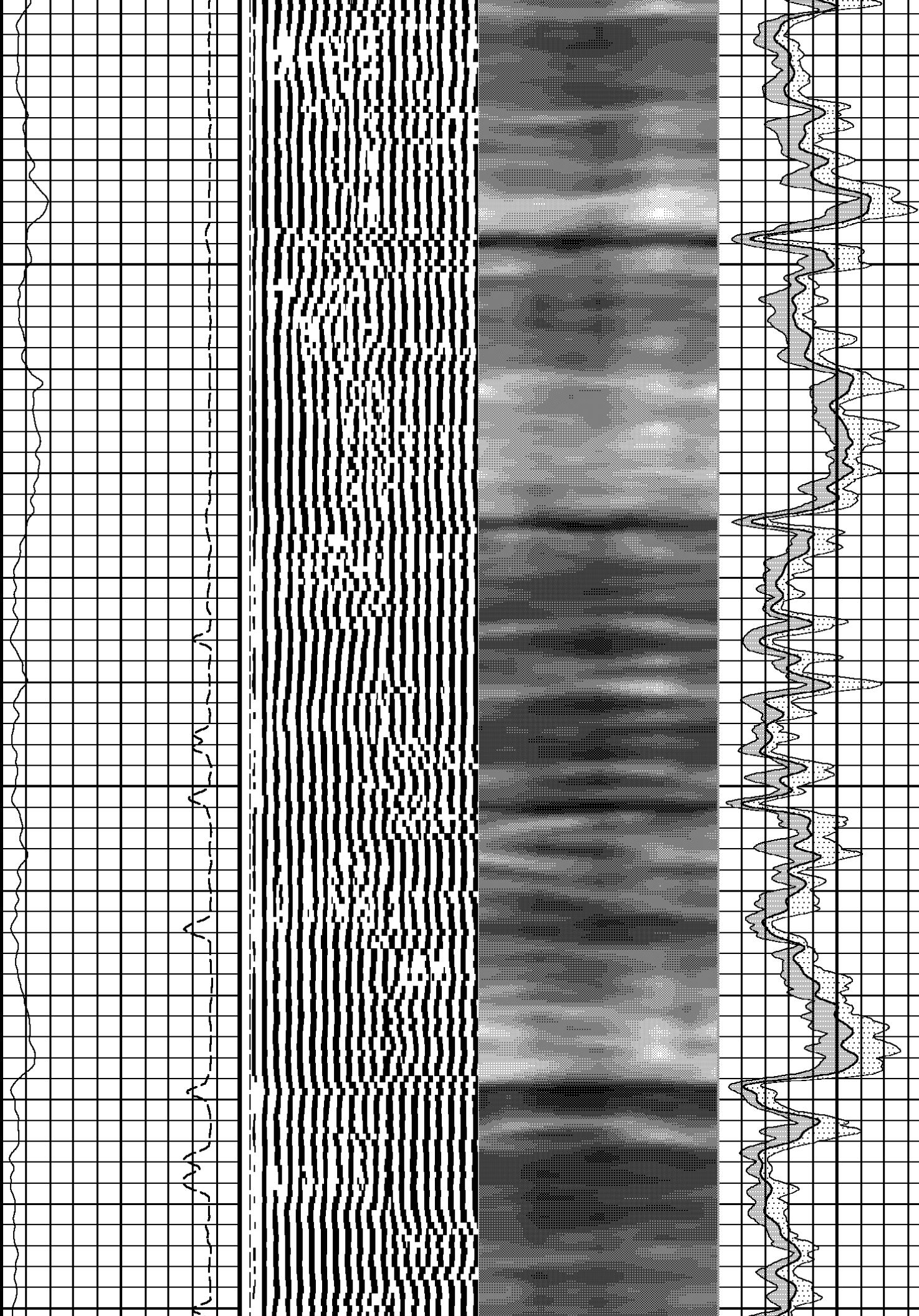




275

300

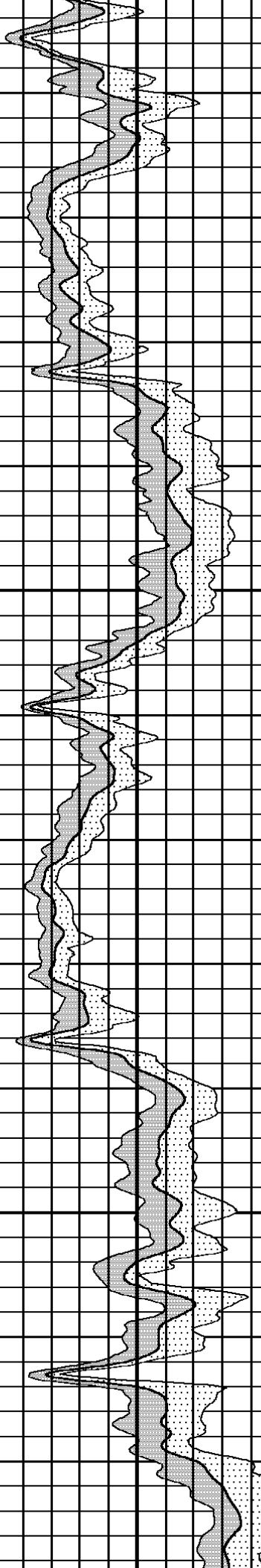
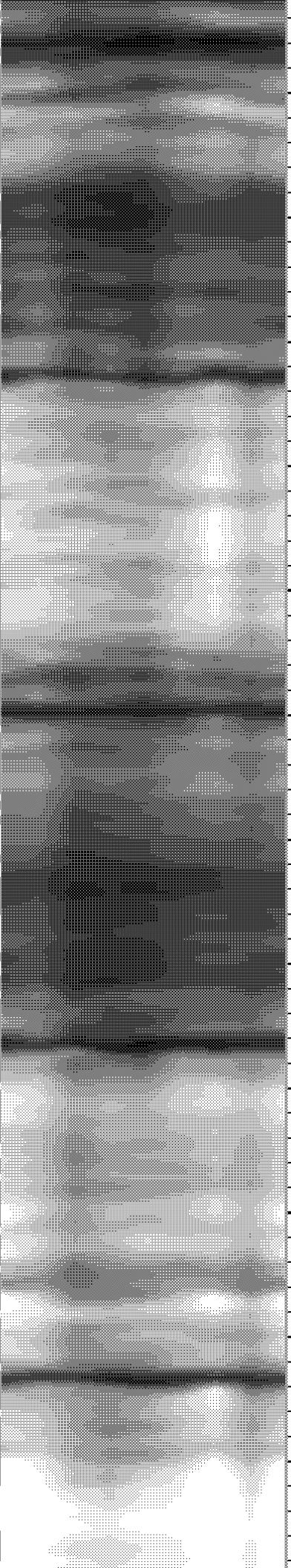
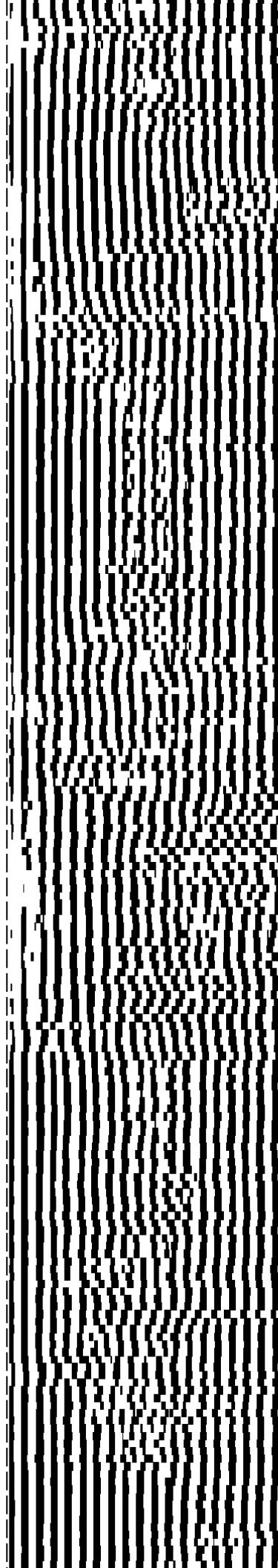
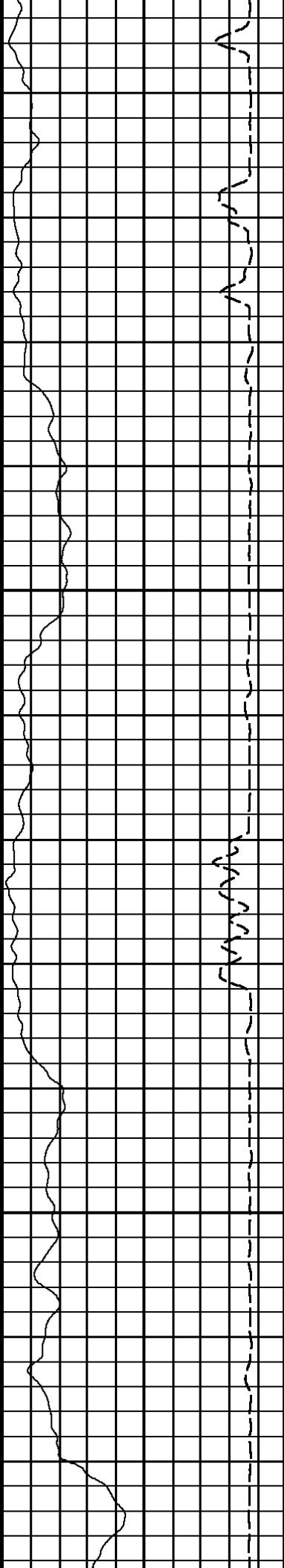
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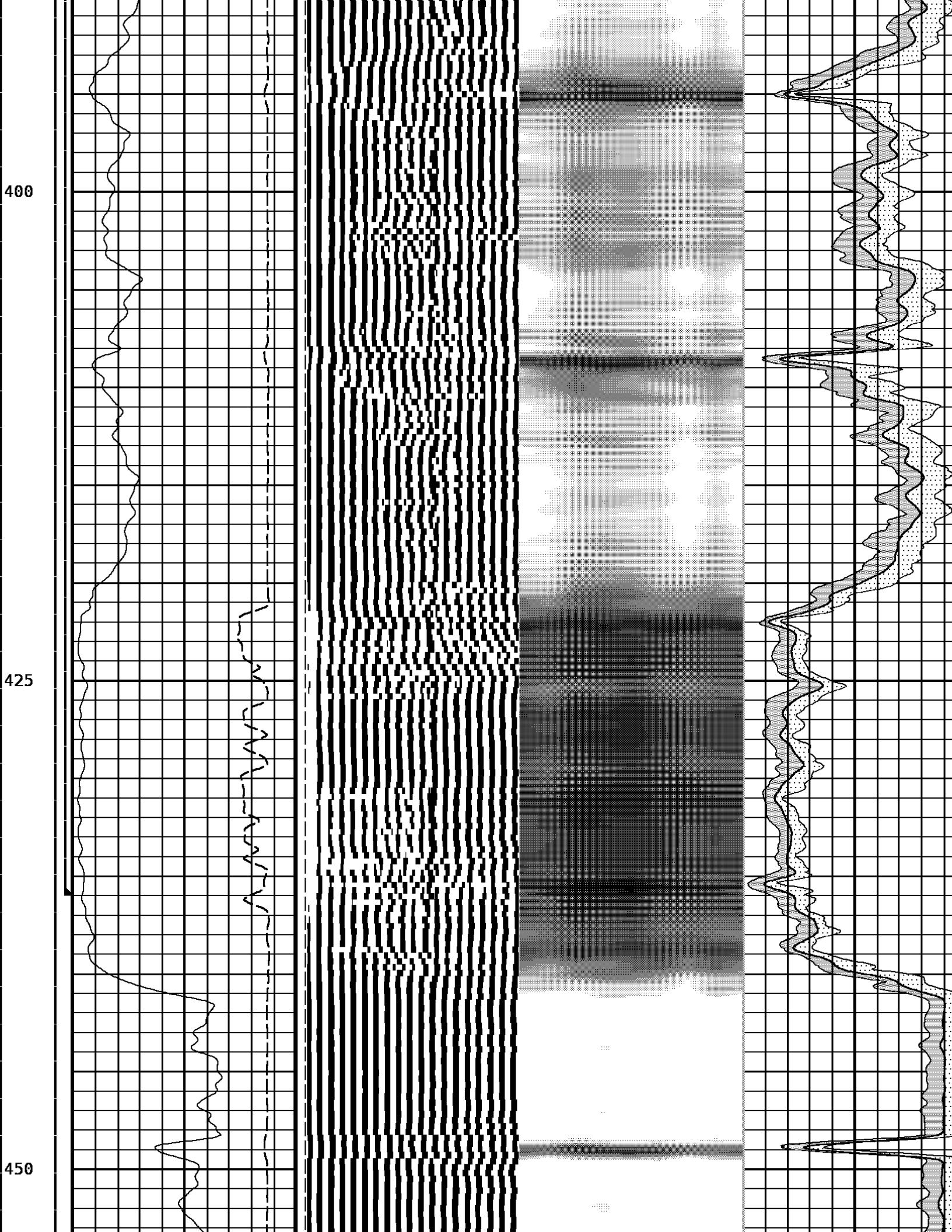


350

375

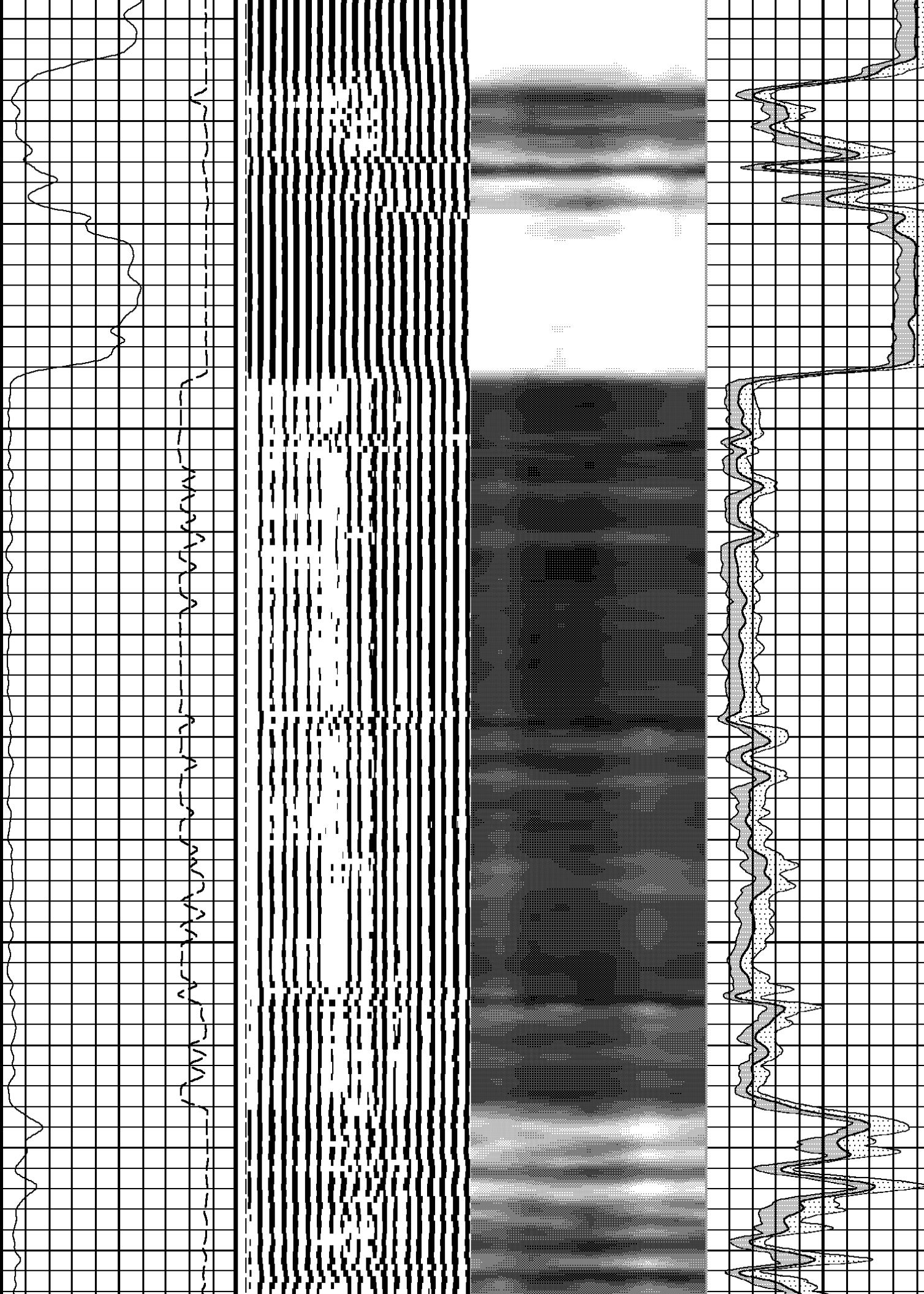
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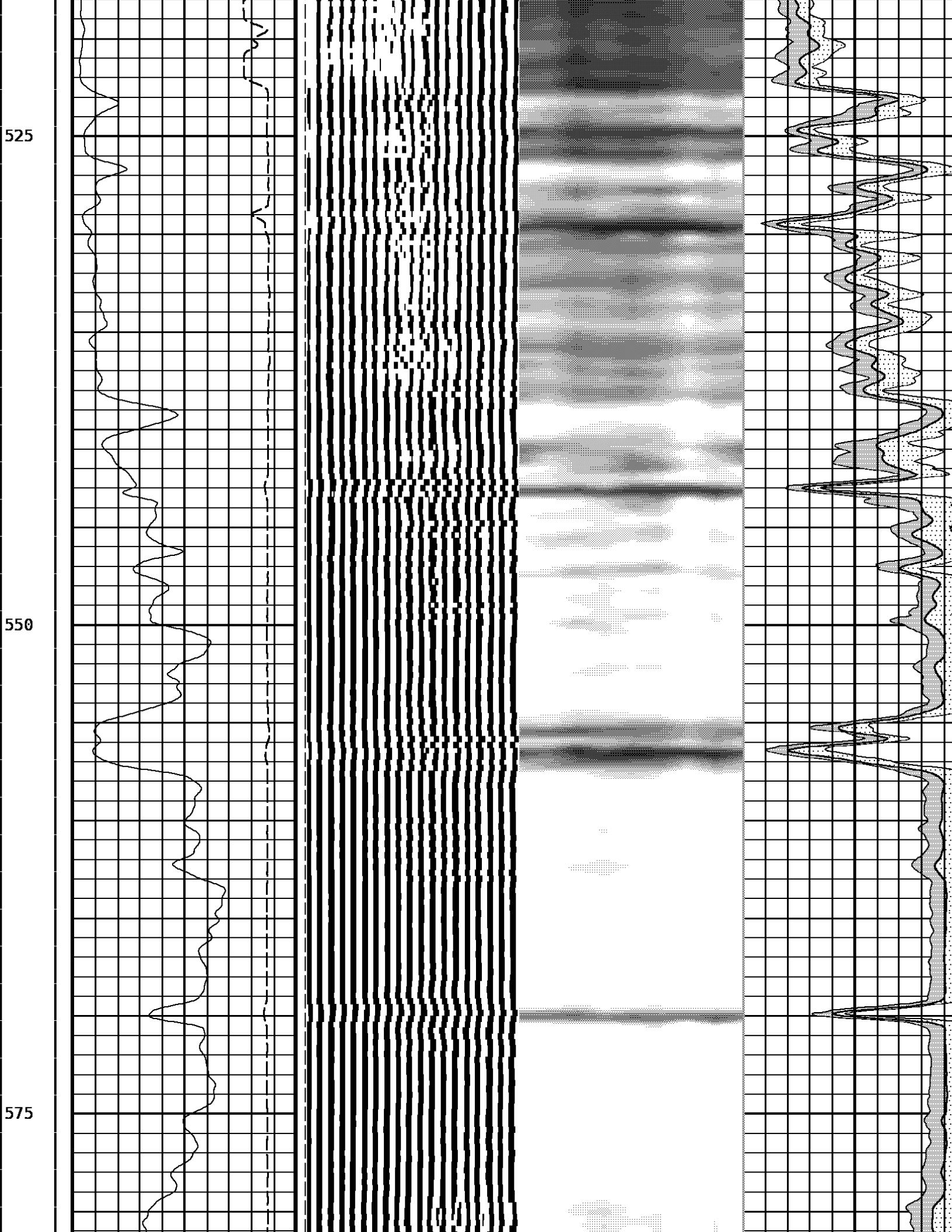




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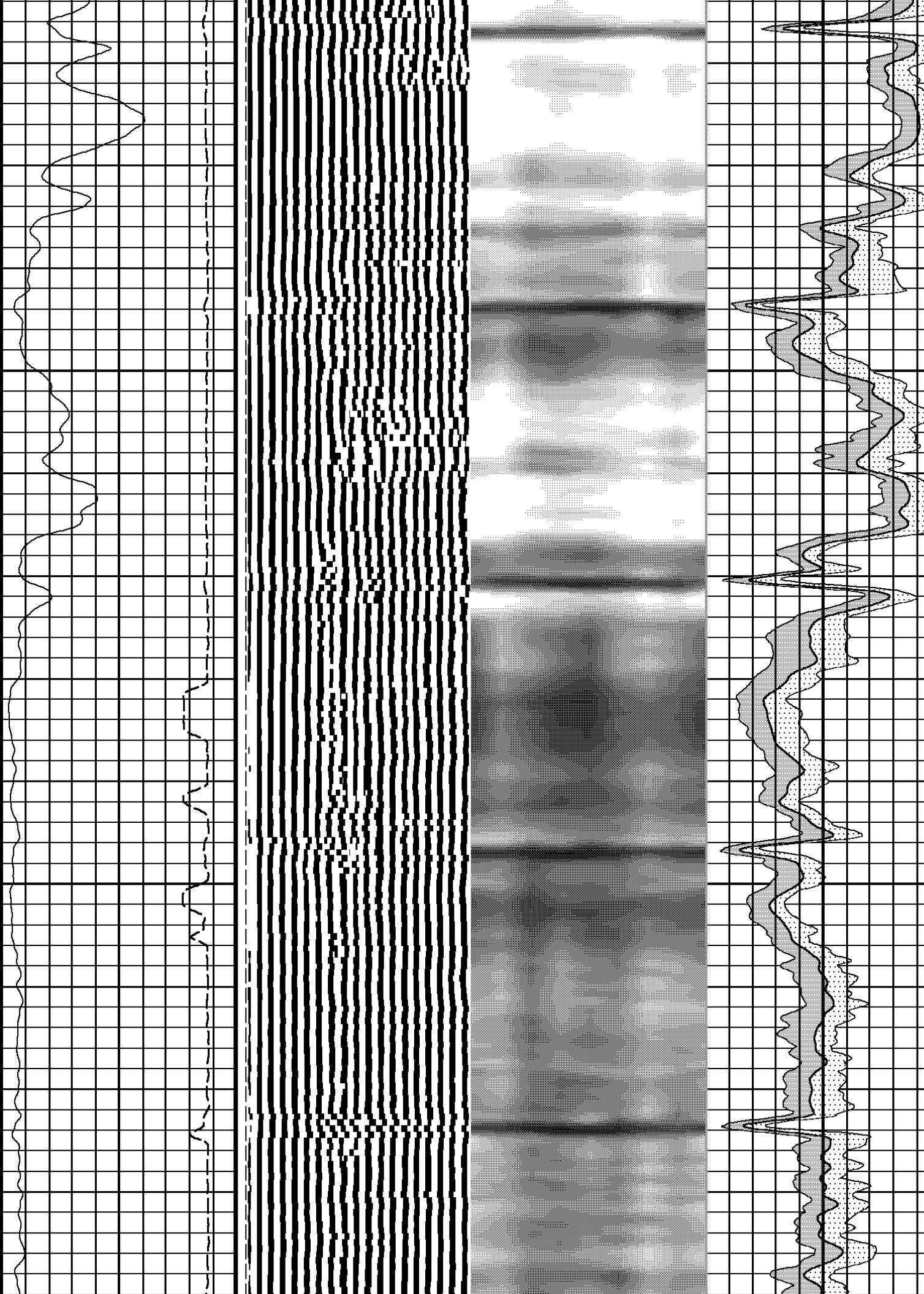
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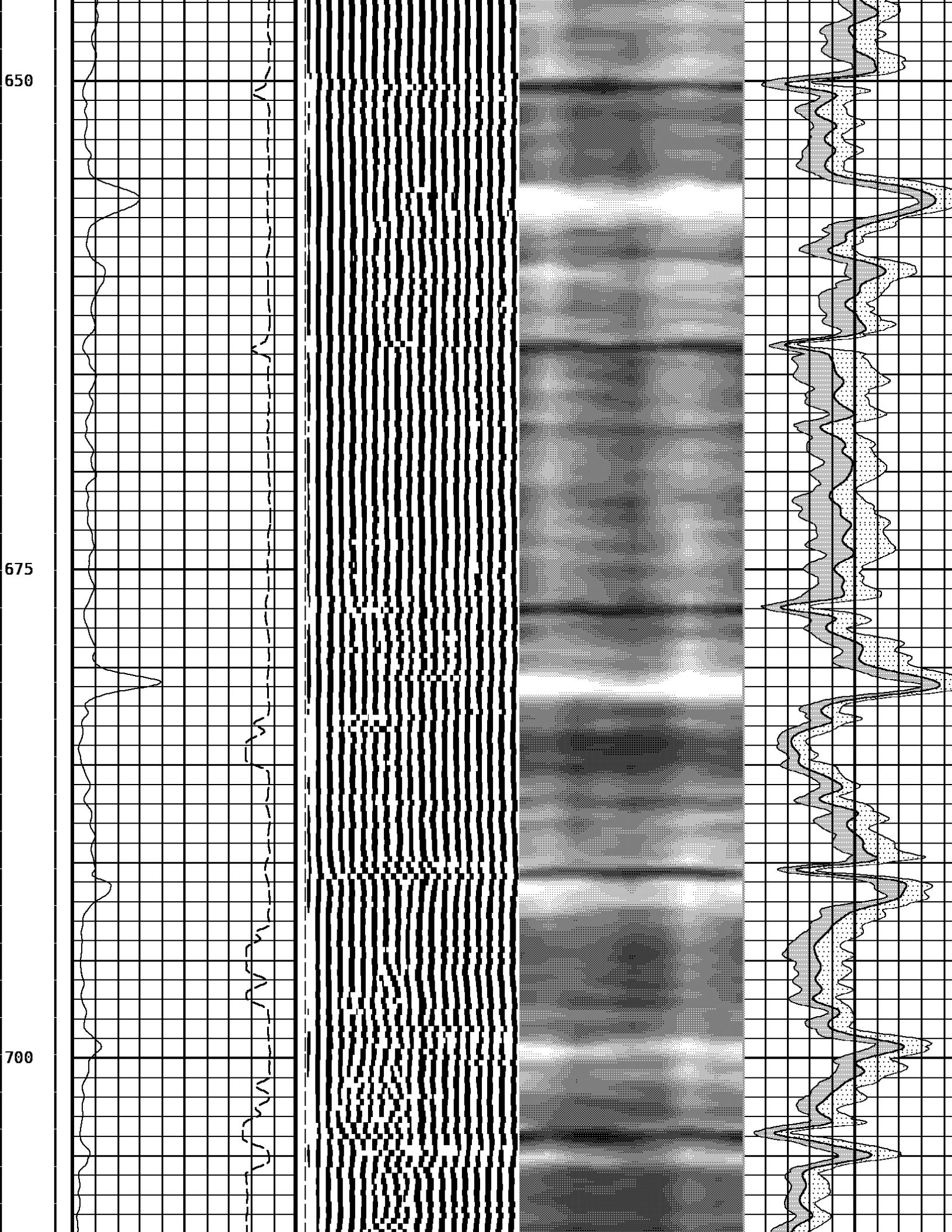




600

625

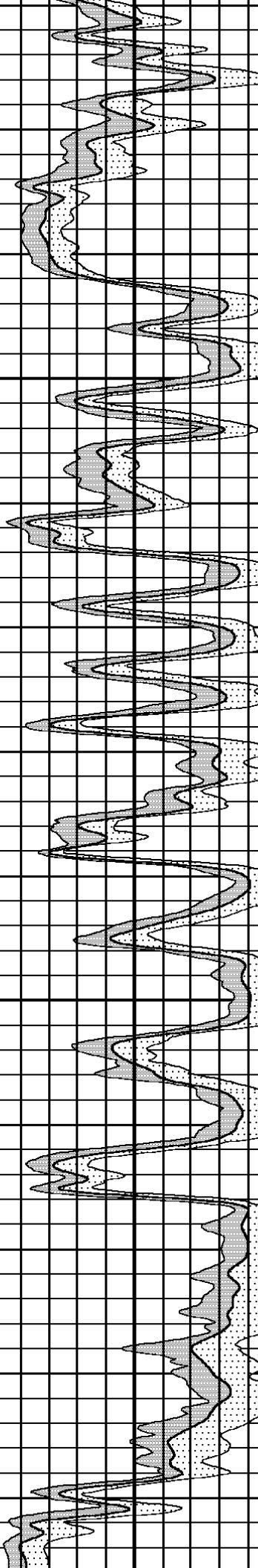
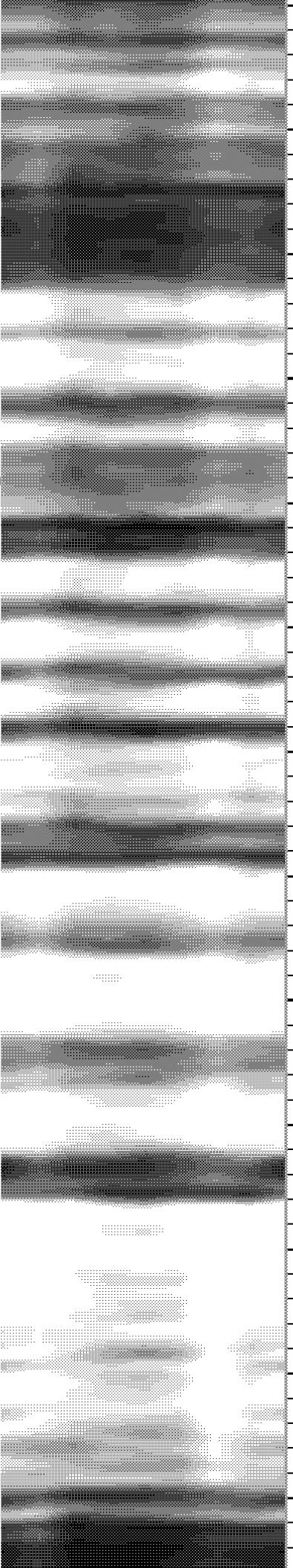
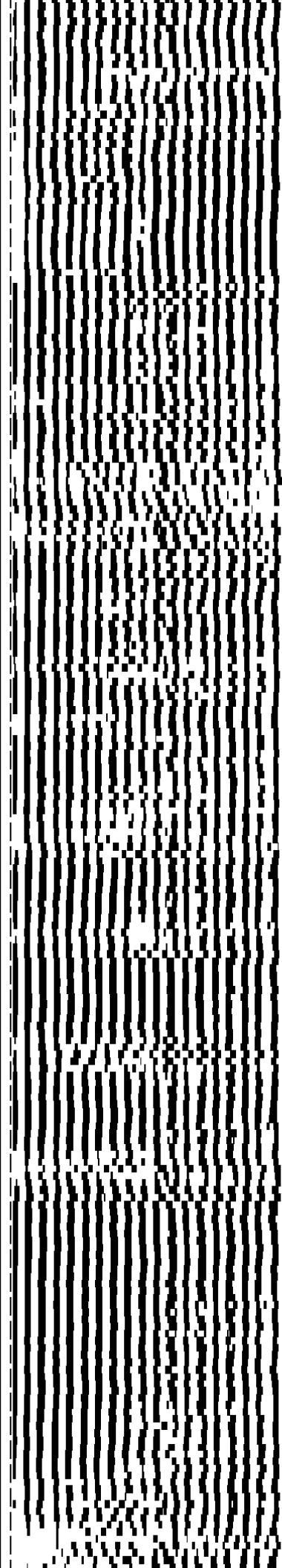
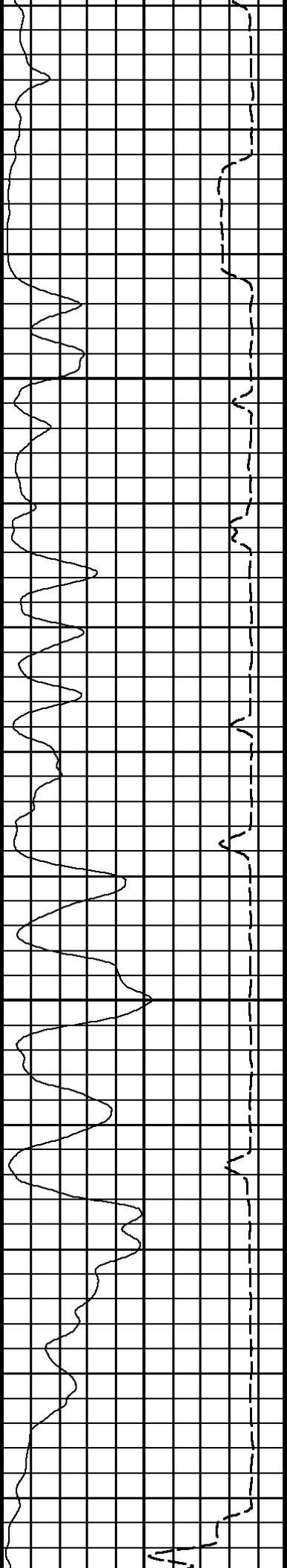


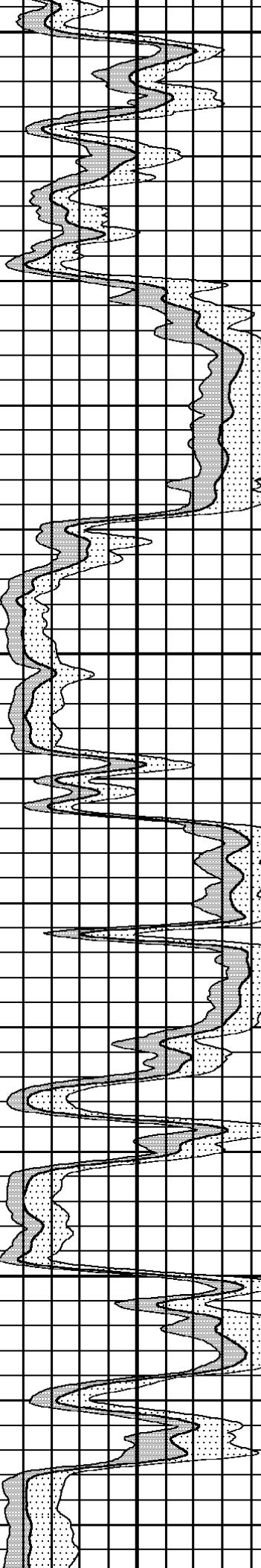
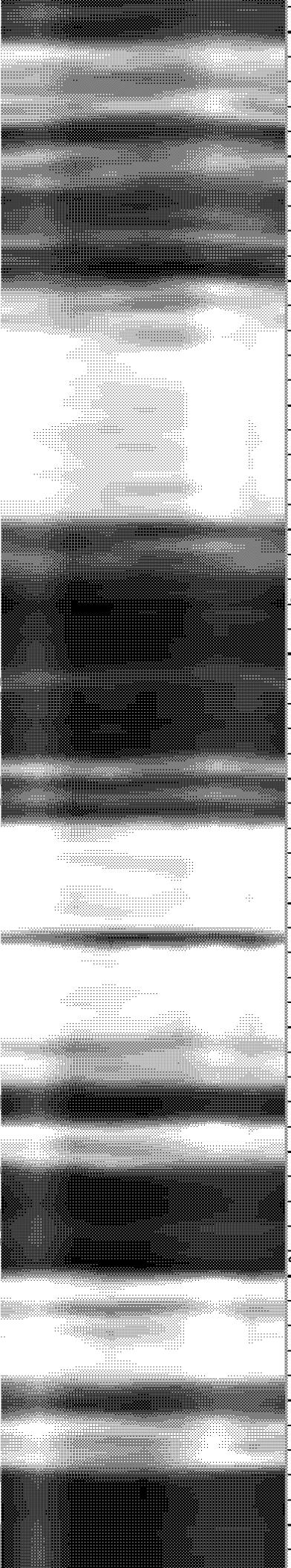
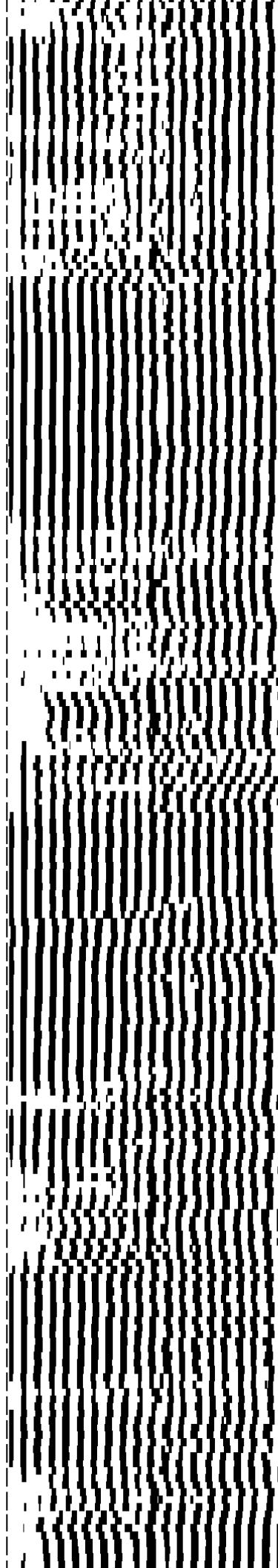
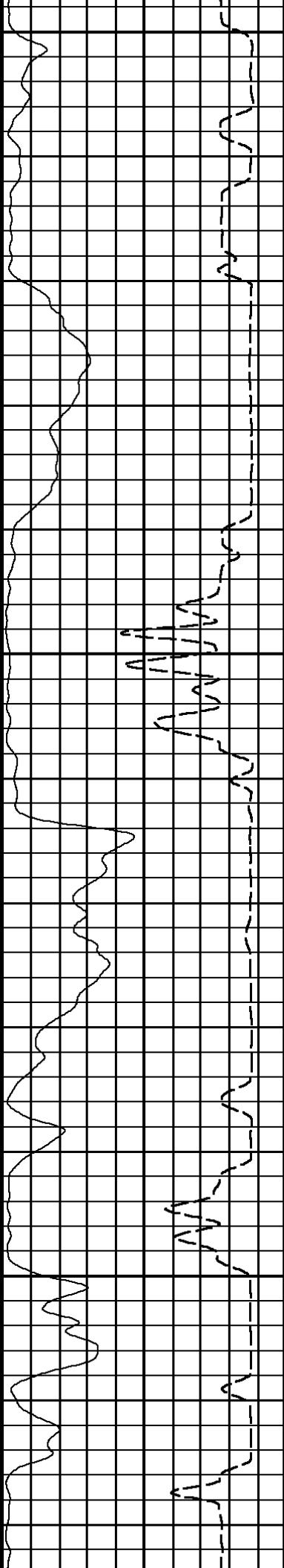


725

750

A

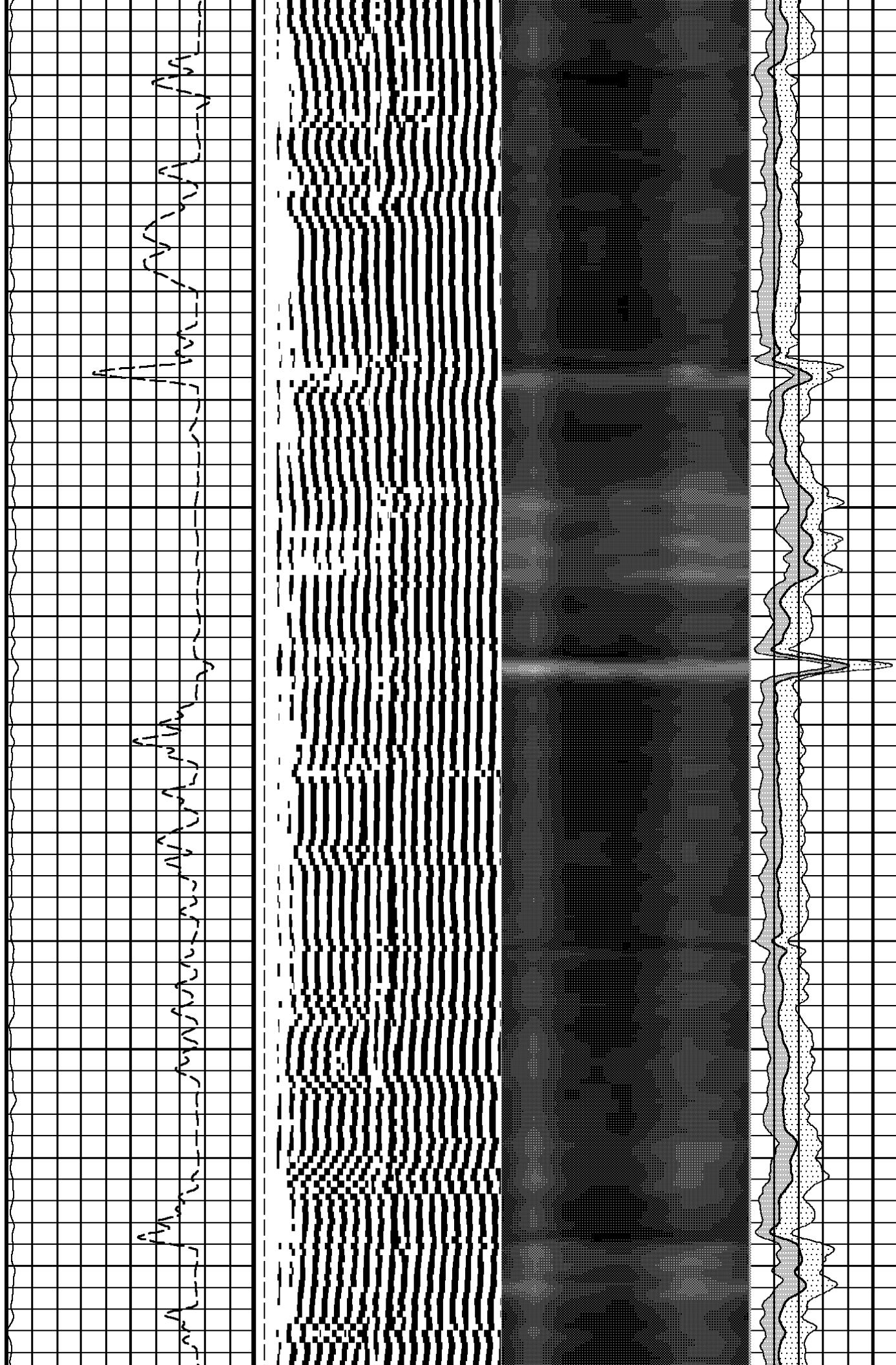






925

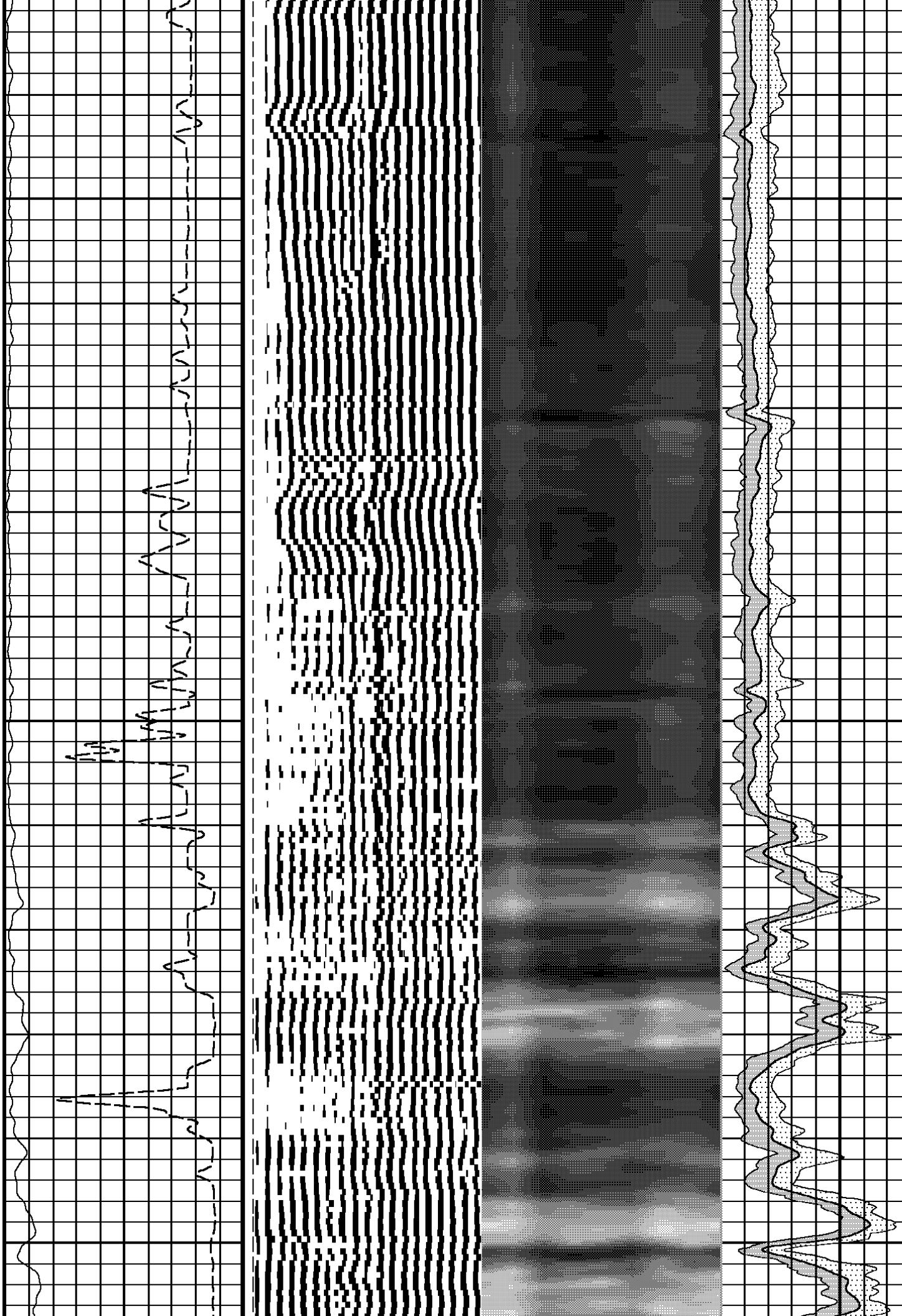
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975

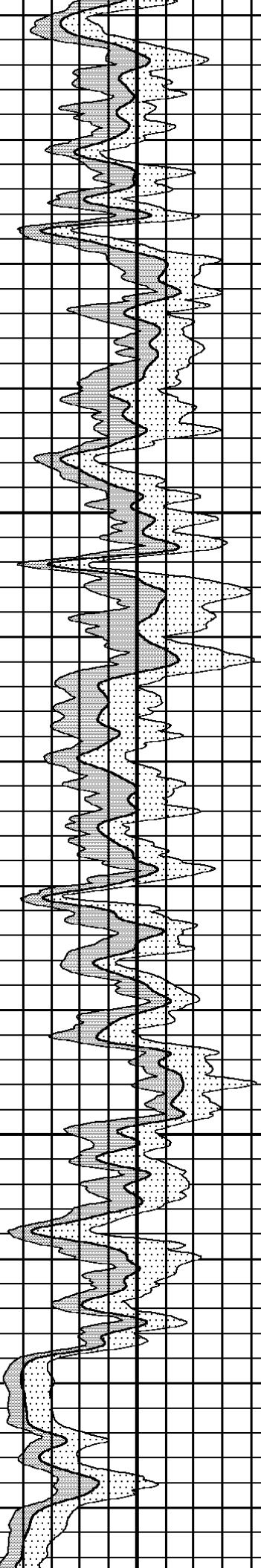
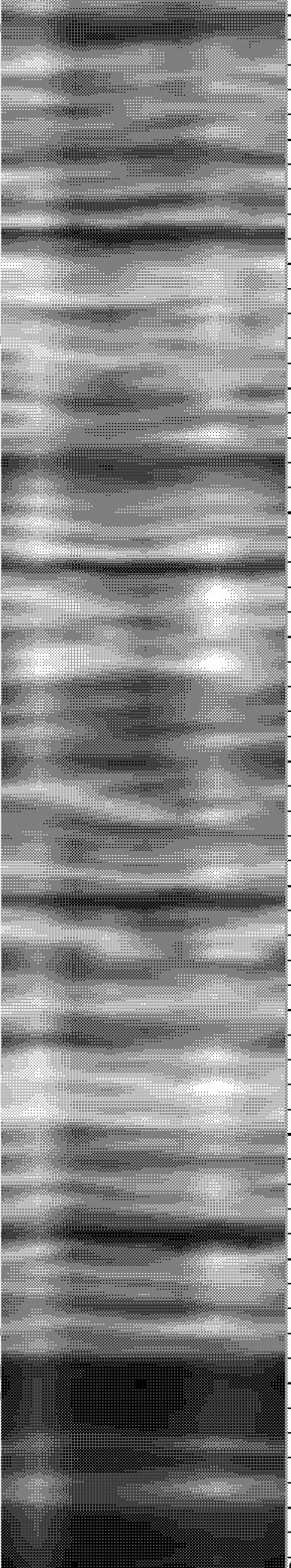
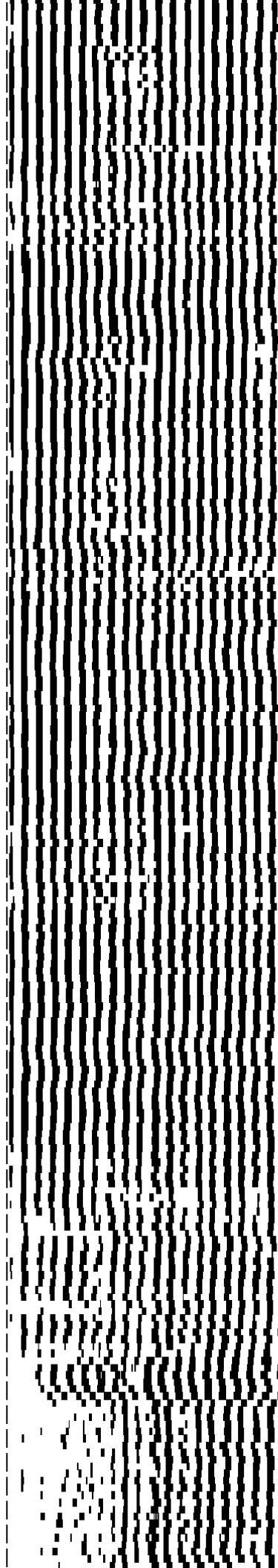
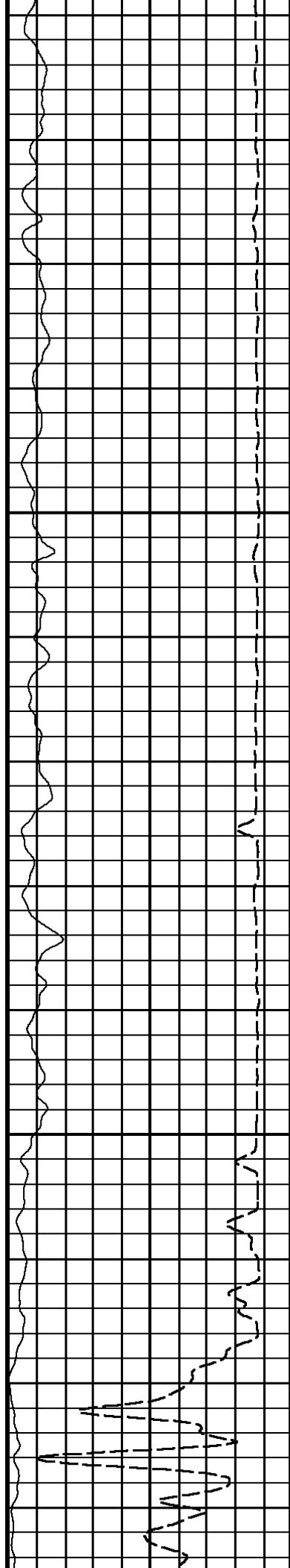
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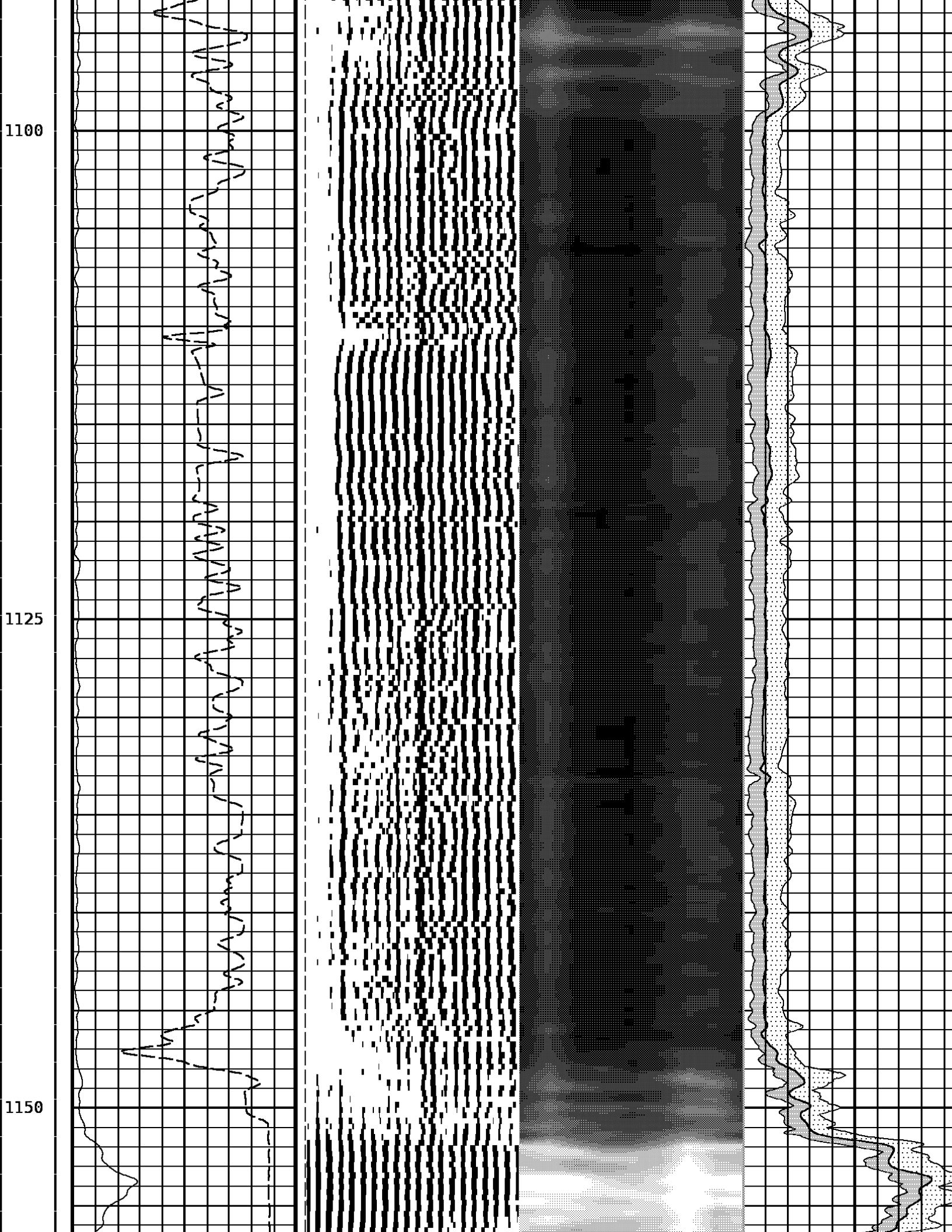
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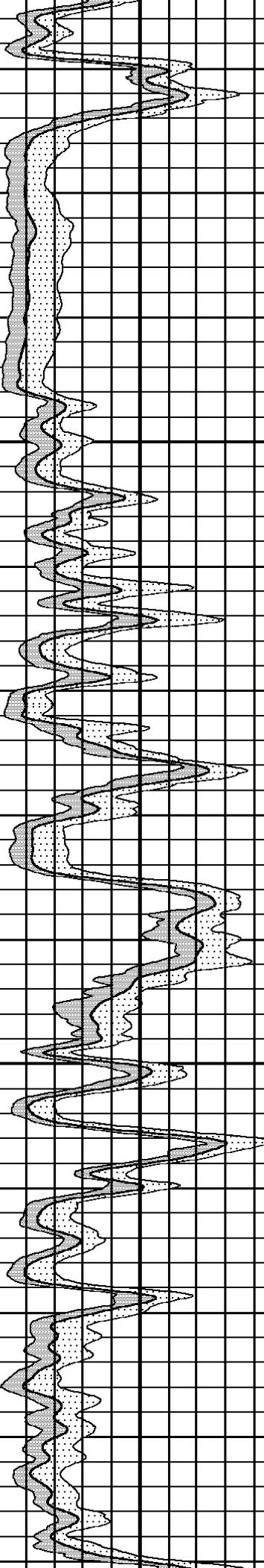
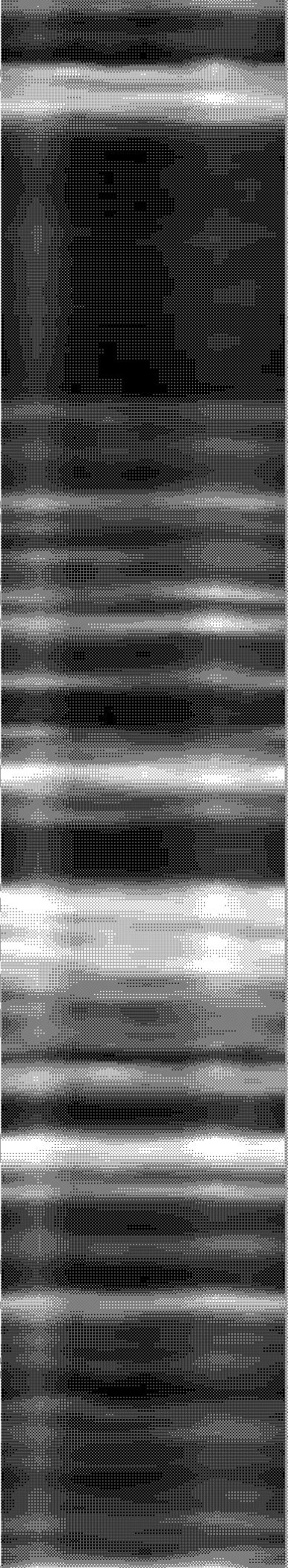
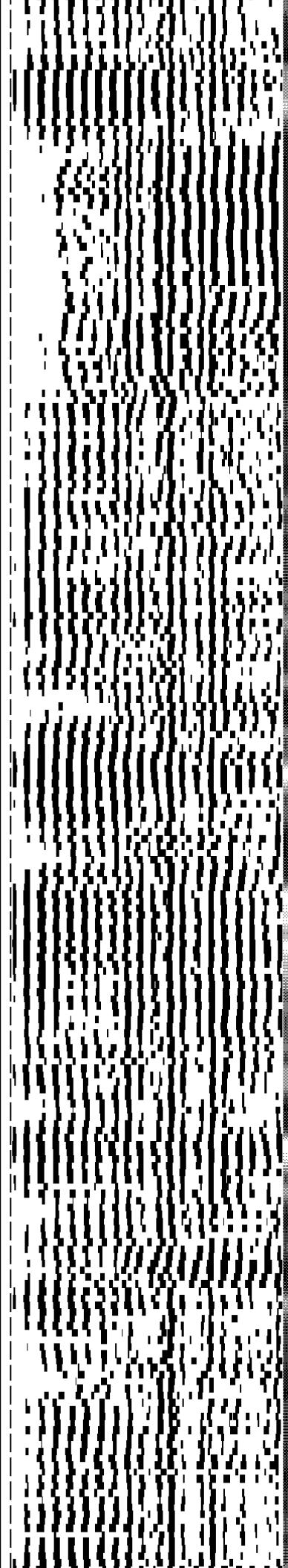
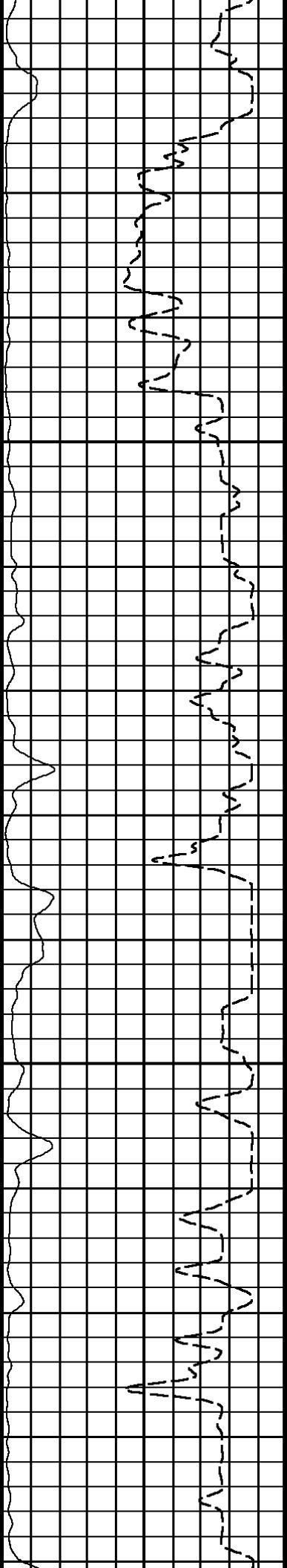
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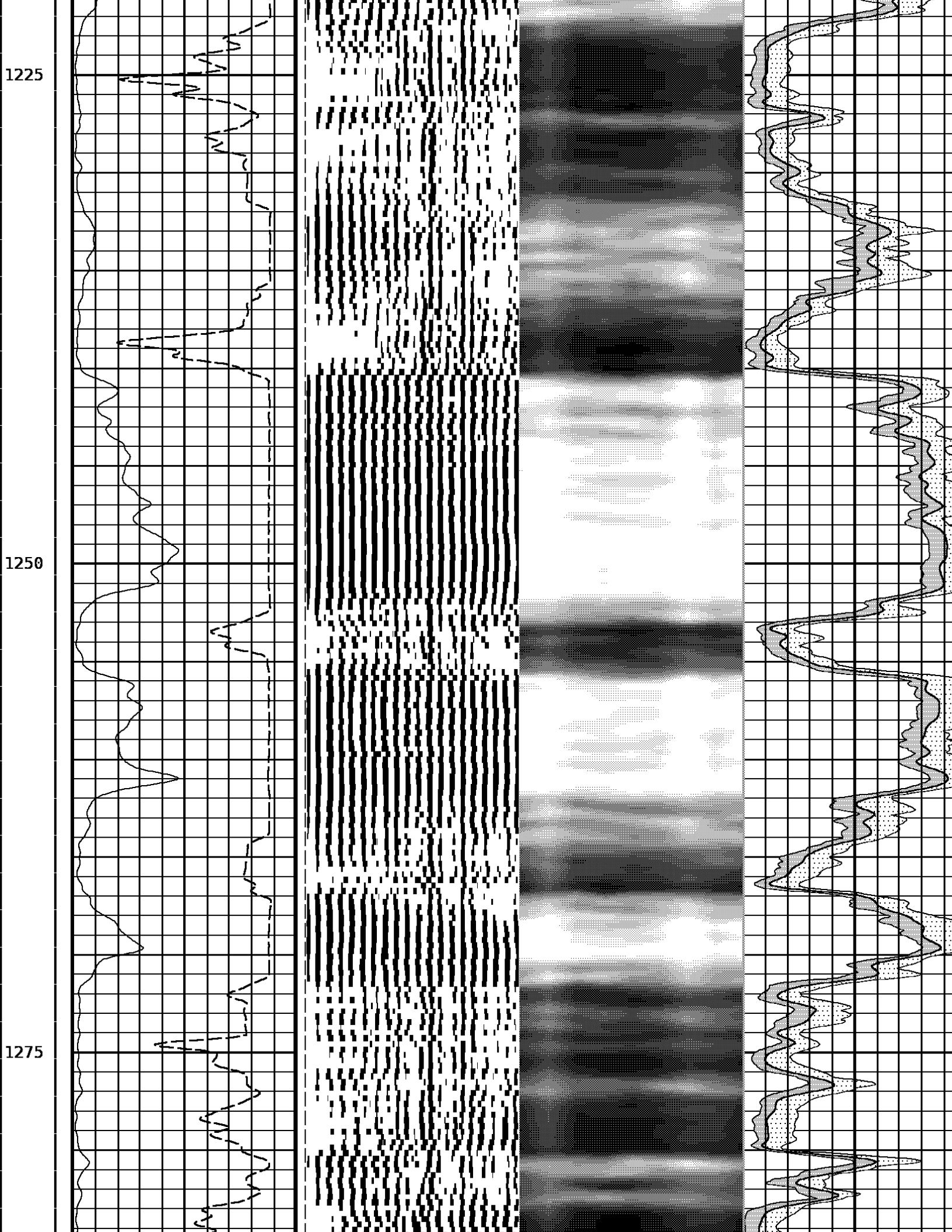
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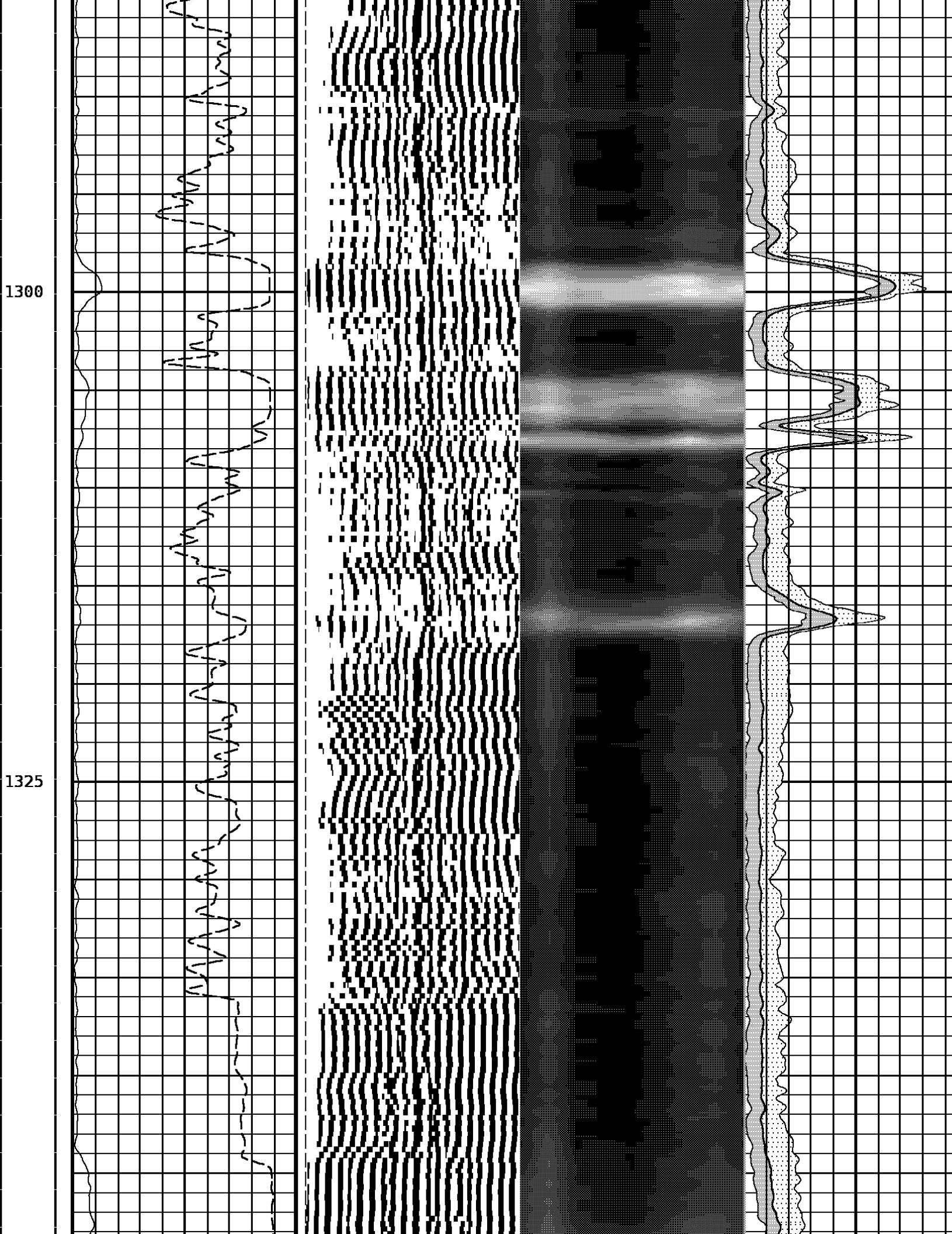




1175



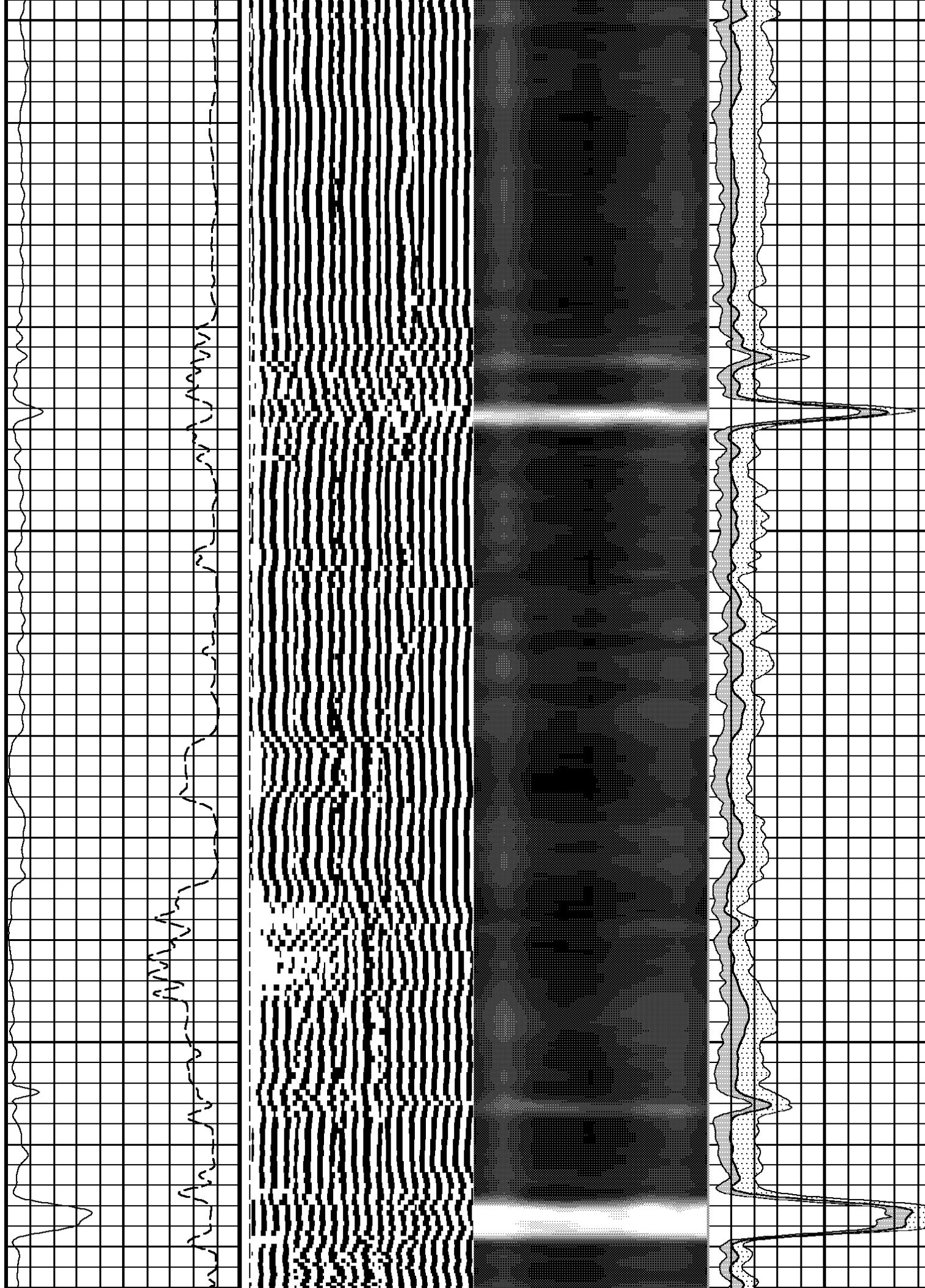


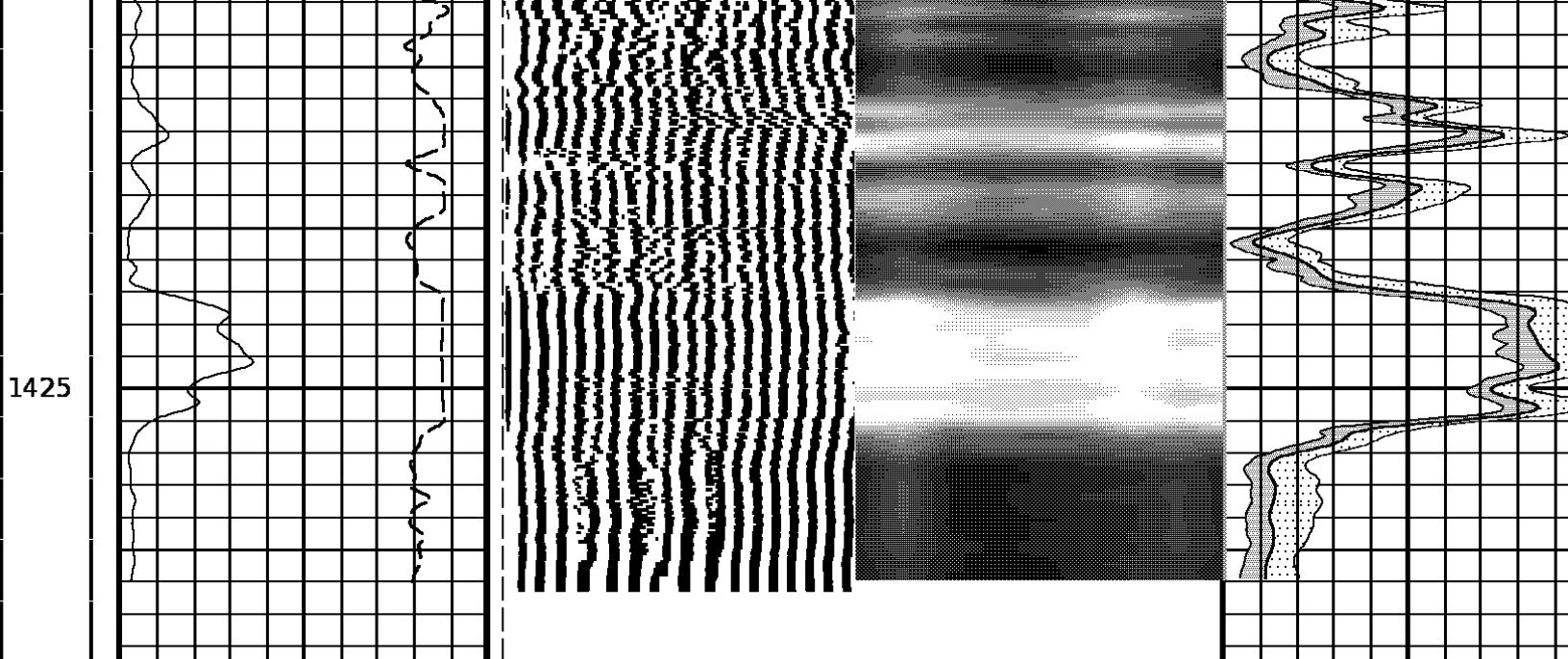


1350

1375

1400





3' AMPLITUDE			VARIABLE DENSITY			VARIABLE ENERGY			MIN ENERGY		
0	Millivolts	100	200	Microseconds	1200	0	Millivolts	80	0	Millivolts	10
3' TRAVEL TIME			FREE PIPE TT						AVG ENERGY		
600	Microseconds	200	200	Microseconds	1200				0	Millivolts	10
									MAX ENERGY		
									0	Millivolts	10

START DEPTH: 1433.5 DIRECTION: UP DATE: 03/15/2007 TIME: 09:21 MODE: TRACE PLAYBACK

4313637 HSD1

HIGH SPEED DOWN

DEPTH SCALE: 1:240

VERSION: 7021587 R

DEPTH SCALE: 1:240

VERSION: 7021587 R

MAIN PASS

4313637 MAIN

FINISH DEPTH: 1175.2 Meters DIRECTION: UP DATE: 03/15/2007 TIME: 09:36 MODE: TRACE PLAYBACK

COLLAR LOCATOR

-5000 Millivolts 550

GAMMA RAY

0 API 120

3' TRAVEL TIME

600 Microseconds 200

FREE PIPE TT

200 Microseconds 1200

3' AMPLITUDE

0 Millivolts 100

VARIABLE DENSITY

200 Microseconds 1200

VARIABLE ENERGY

0

Millivolts 80

MAX ENERGY

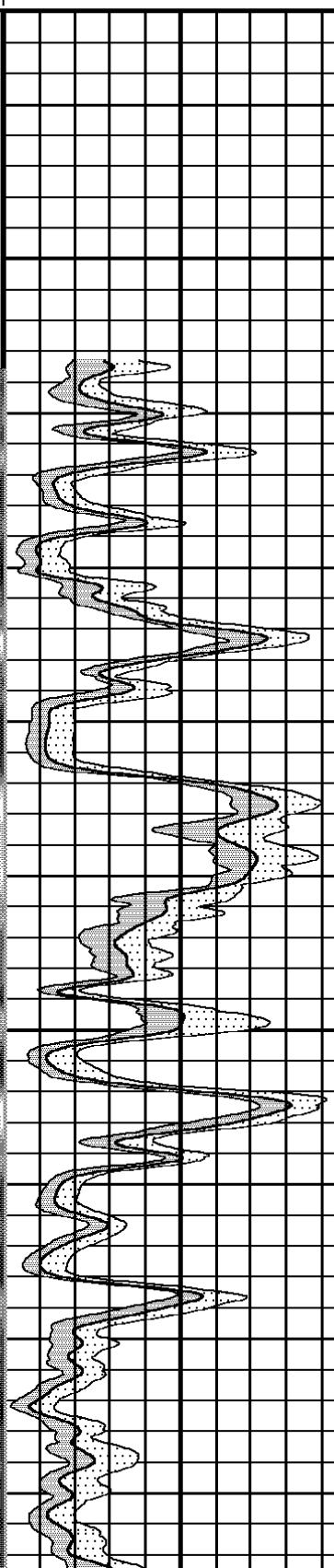
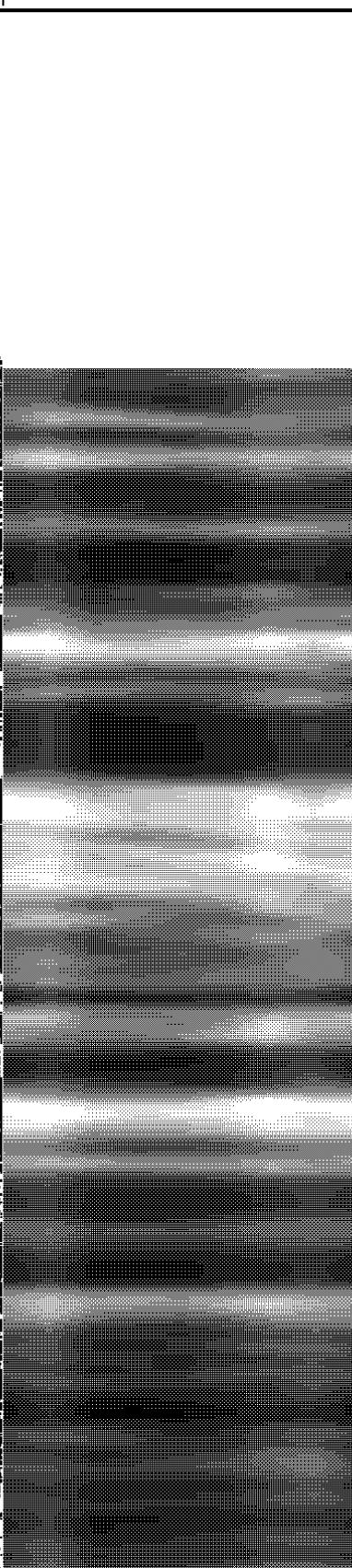
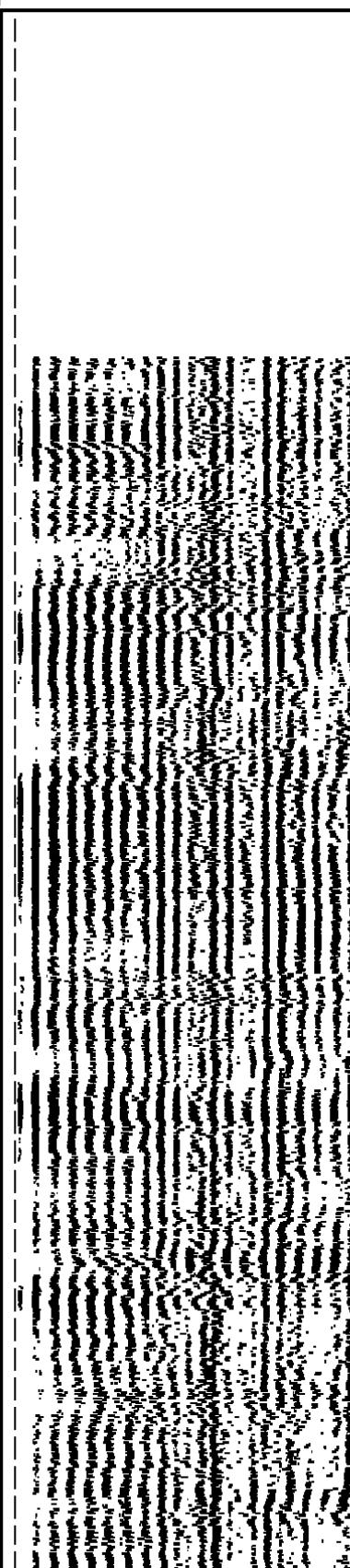
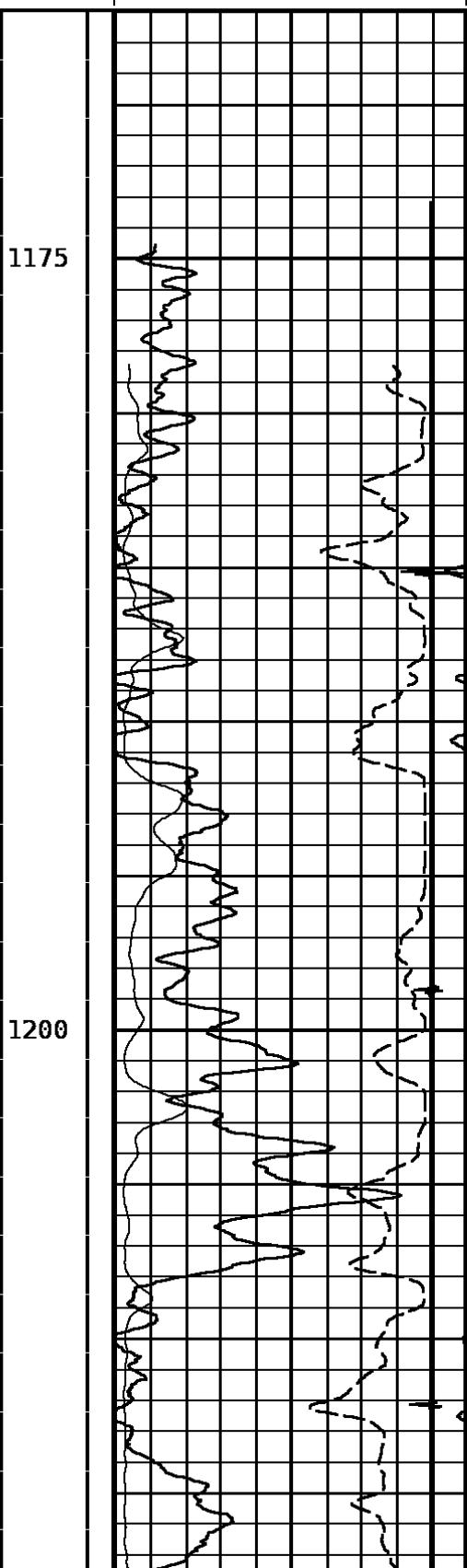
0 Millivolts 100

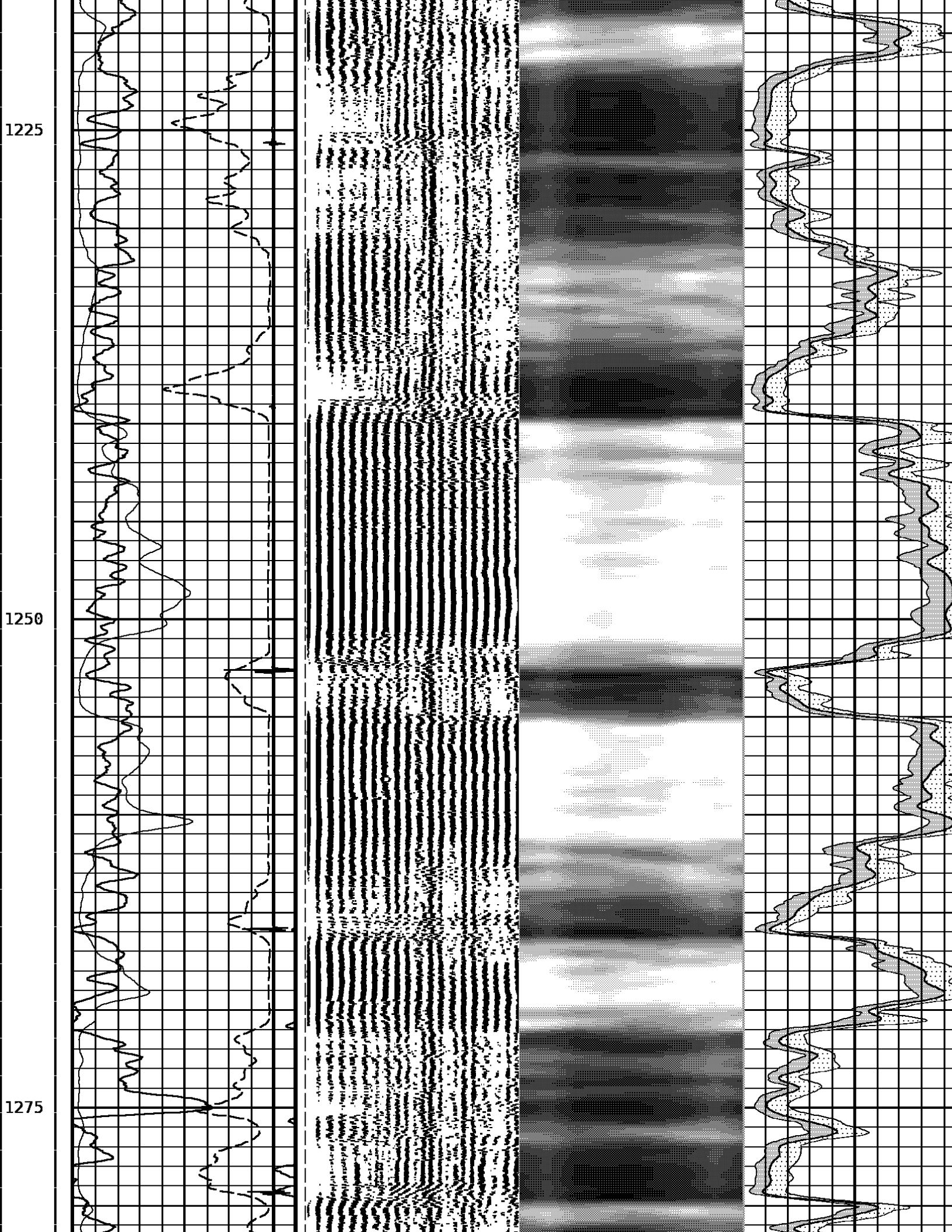
AVG ENERGY

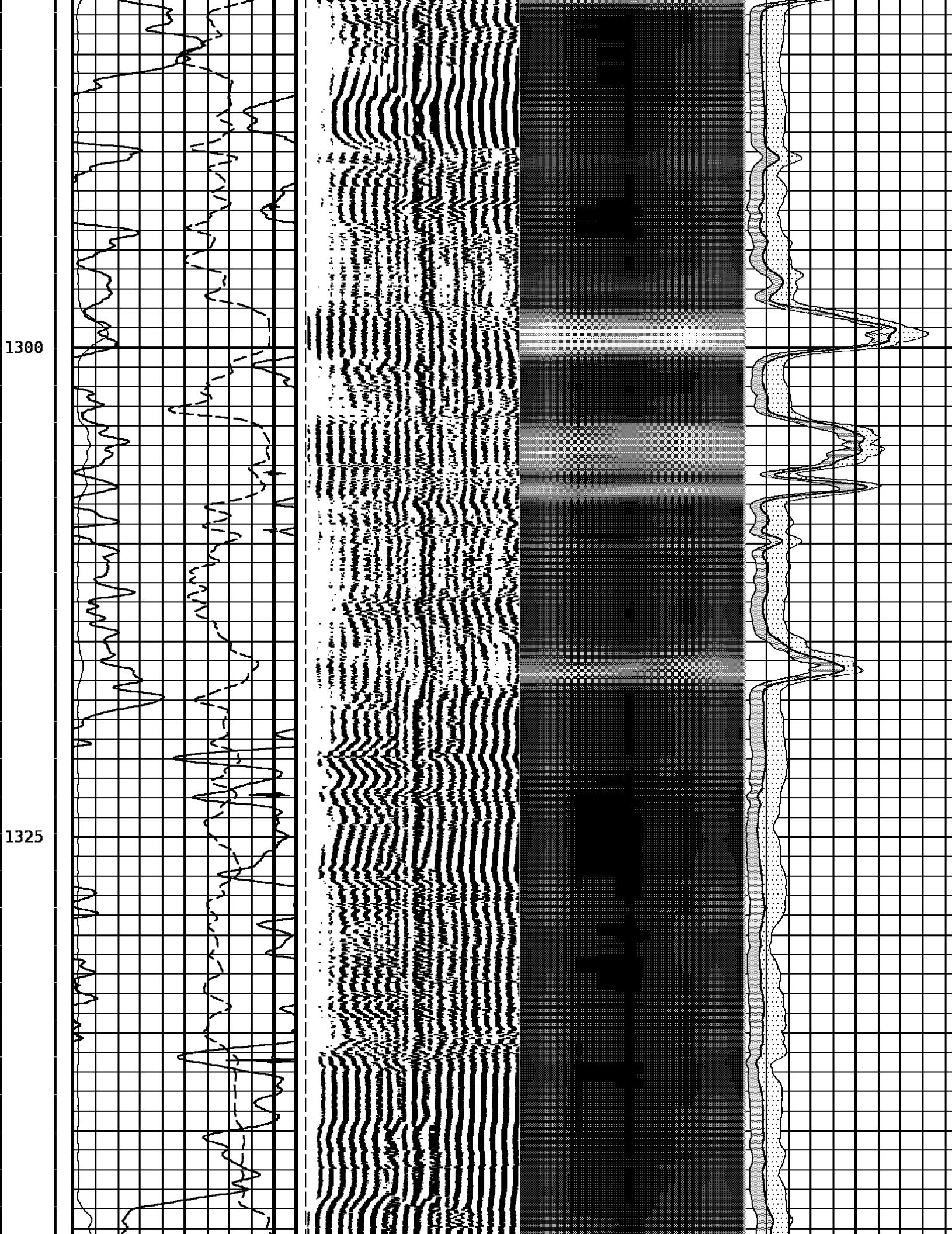
0 Millivolts 100

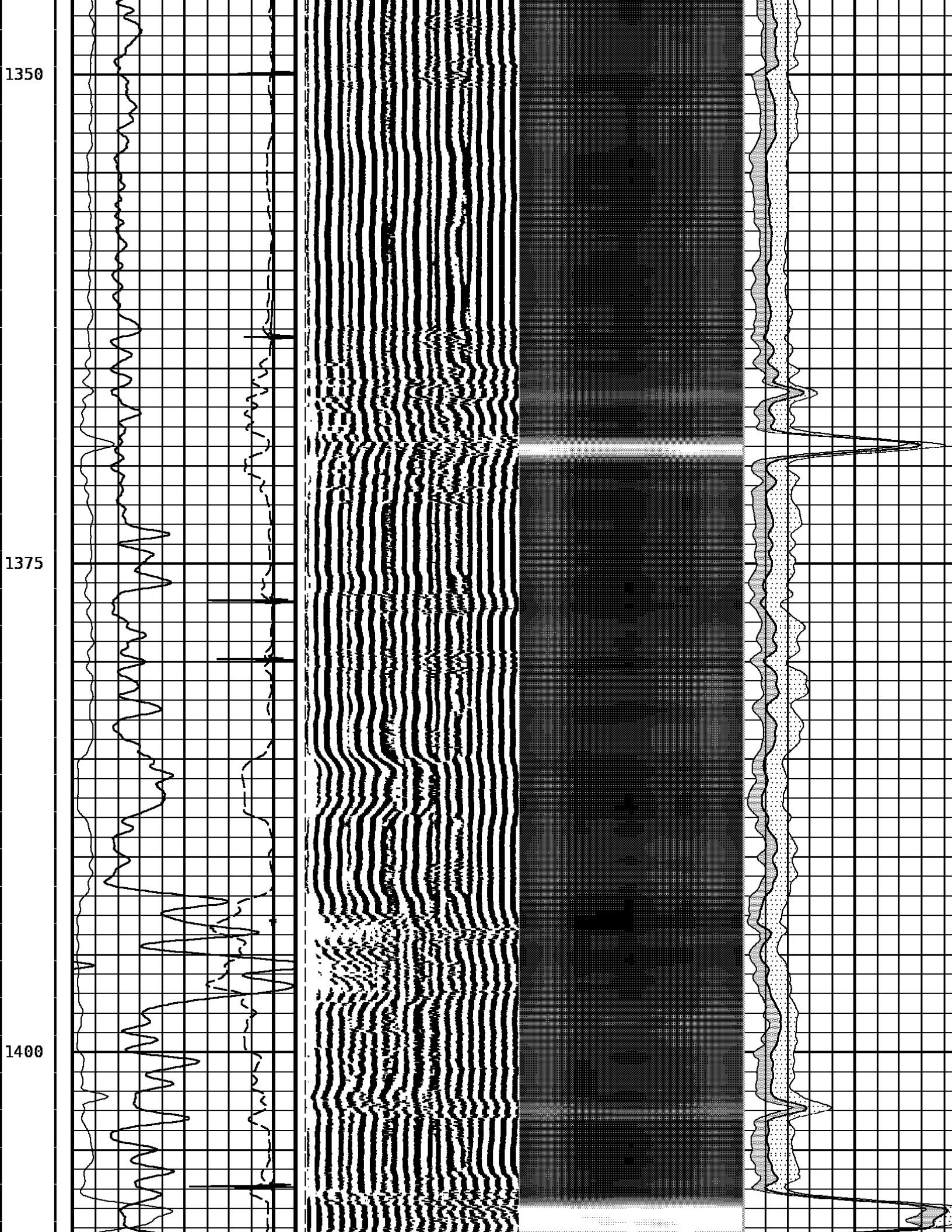
MIN ENERGY

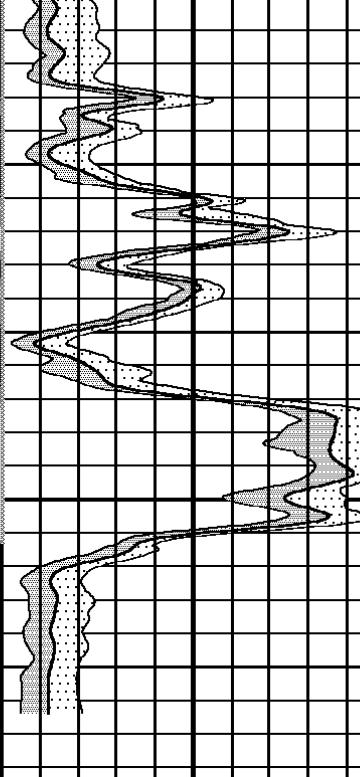
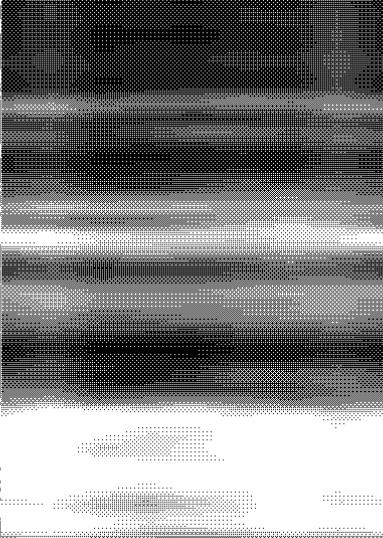
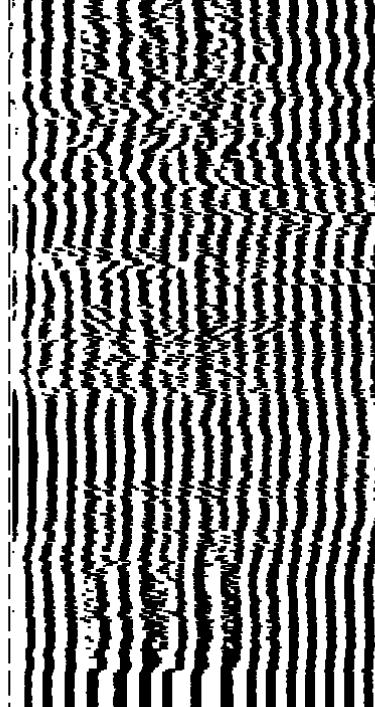
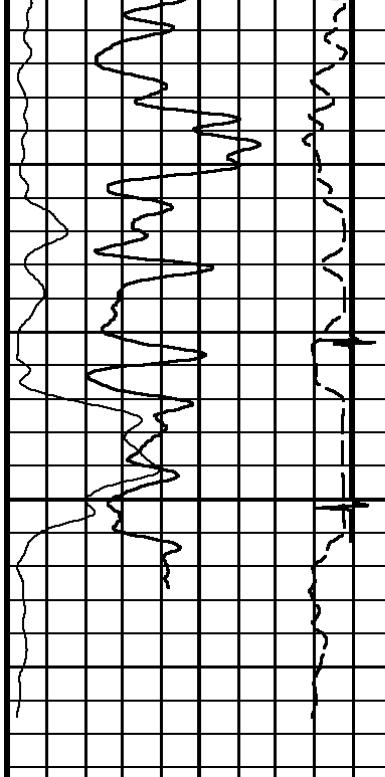
0 Millivolts 100











3' AMPLITUDE			VARIABLE DENSITY			VARIABLE ENERGY			MIN ENERGY		
0	Millivolts	100	200	Microseconds	1200	0	Millivolts	80	0	Millivolts	10
3' TRAVEL TIME			FREE PIPE TT						AVG ENERGY		
600	Microseconds	200	200	Microseconds	1200				0	Millivolts	10
GAMMA RAY									MAX ENERGY		
0	API	120							0	Millivolts	10
COLLAR LOCATOR											
-5000	Millivolts	550									

START DEPTH: 1428.2 DIRECTION: UP DATE: 03/15/2007 TIME: 09:10 MODE: TRACE PLAYBACK

4313637 MAIN

MAIN PASS

DEPTH SCALE: 1:240

VERSION: 7021587 R

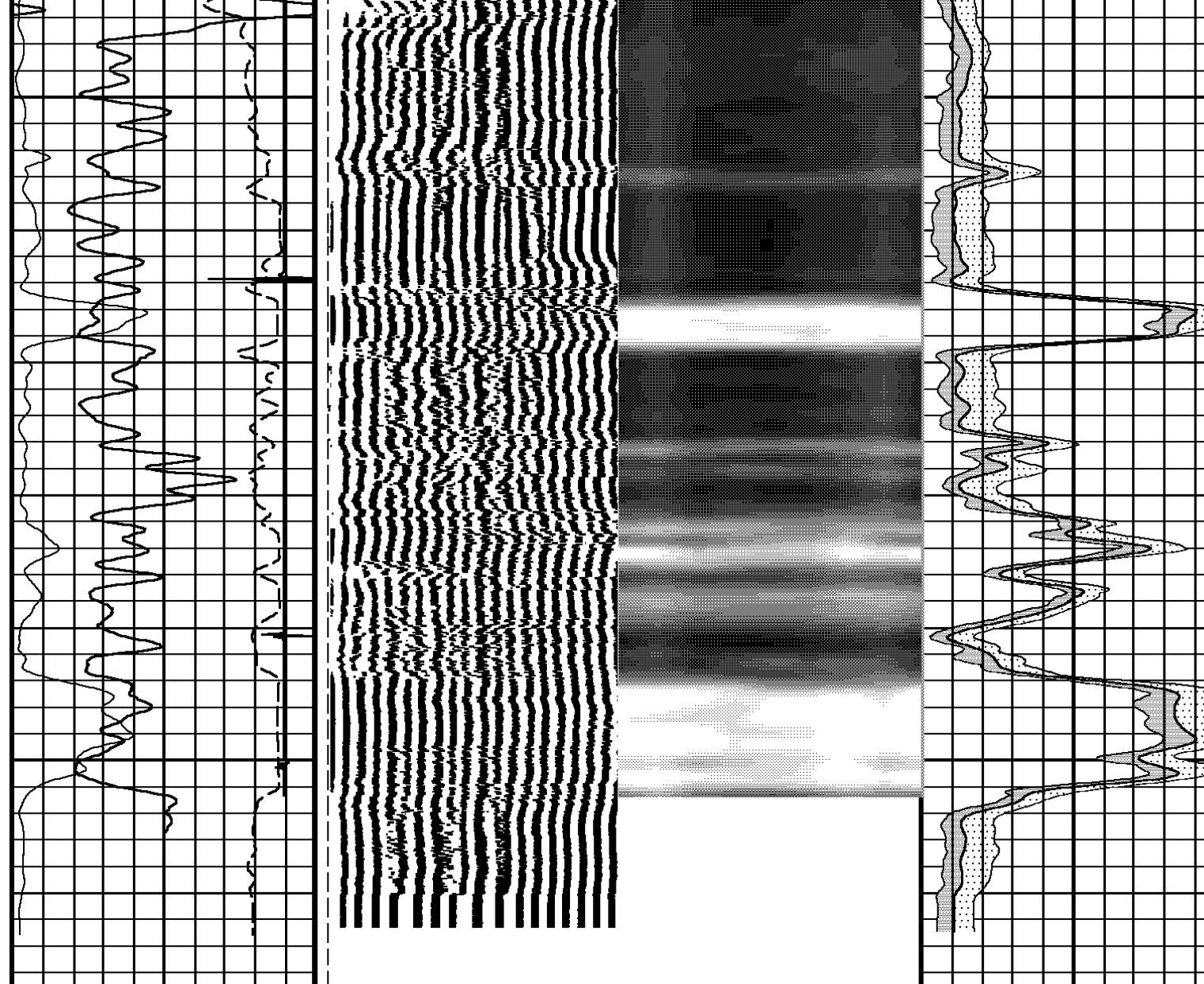
DEPTH SCALE: 1:240

VERSION: 7021587 R

REPEAT PASS

FINISH DEPTH: 1433.5 Meters DIRECTION: UP DATE: 03/15/2007 TIME: 09:17 MODE: TRACE PLAYBACK

COLLAR LOCATOR								
-5000 Millivolts 550								
GAMMA RAY								
0 API 120								
3' TRAVEL TIME			FREE PIPE TT					
600 Microseconds 200			200 Microseconds 1200					
3' AMPLITUDE			VARIABLE DENSITY			VARIABLE ENERGY		
0 Millivolts 100			200 Microseconds 1200			0 Millivolts 80		



3' AMPLITUDE			VARIABLE DENSITY			VARIABLE ENERGY			MIN ENERGY		
0	Millivolts	100	200	Microseconds	1200	0	Millivolts	80	0	Millivolts	100
3' TRAVEL TIME			FREE PIPE TT						AVG ENERGY		
600	Microseconds	200	200	Microseconds	1200				0	Millivolts	100
GAMMA RAY									MAX ENERGY		
0	API	120							0	Millivolts	100
COLLAR LOCATOR											
-5000	Millivolts	550									

START DEPTH: 1433.5 DIRECTION: UP DATE: 03/15/2007 TIME: 09:17 MODE: TRACE PLAYBACK

4313637 RPT1

REPEAT PASS

01/01/88 12:00 0.0 M Ver Job

Gamma Ray Before Survey Calibration

Tool Type: GRB-AA Serial No: 183
Calibrator No:

Background Calibrator Standard Units

24.5 195.0 120.0 API

Delta Counts Per Sec: 170.5 CPS/APT = 1.421

08/03/05 02:01 18.0 M Ver 50223795 Job 4246042

Sector Bond Before Calibration

Tool Type SBT-AA Serial No sbt131

Sensor	Description	Standard	Measured
AMP 3FT	ZERO	0.00	2.50
	PLUS	72.00	1255.60

AMP 5FT	ZERO	0.00	11.23
	PLUS	60.00	1350.00

1 SECTOR AMP	ZERO	0.00	15.40
	PLUS	90.00	1404.40

2 SECTOR AMP	ZERO	0.00	13.20
	PLUS	80.00	1508.60

3 SECTOR AMP	ZERO	0.00	8.30
	PLUS	20.00	1475.80

4 SECTOR AMP	ZERO	0.00	11.22
	PLUS	00.00	1450.20

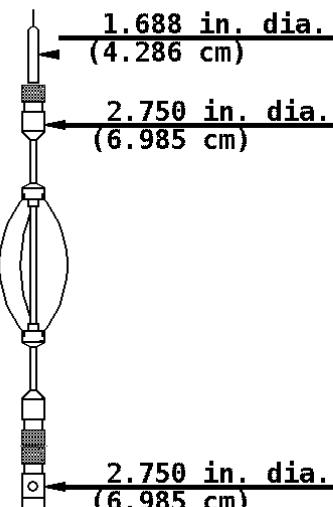
5 SECTOR AMP ZERO 0.00 11.60
PLUS 20.00 1455.60

6 SECTOR AMP ZERO 0.00 8.70

7 SECTOR AMP	ZERO	0.00	13.80
	PLUS	90.00	1323.60
8 SECTOR AMP	ZERO	0.00	10.10
	PLUS	90.00	1465.40

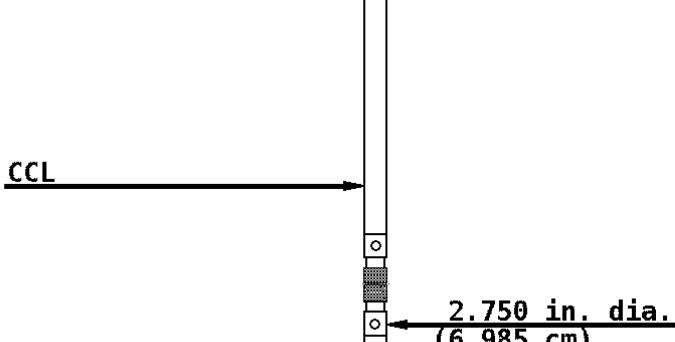
1-11/16" Adaptor

Weight 1 kg
 Length 0.31 m
 Max. Diameter 4.28 cm
 Total Stack Weight 63.4 kg in air
 Total Stack Length 8.51 m



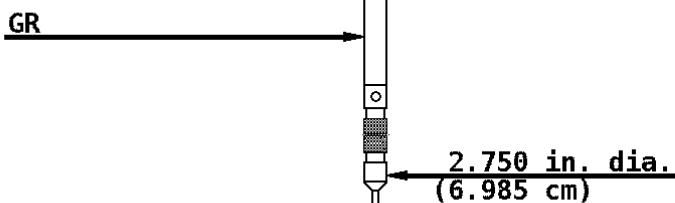
Slim Hole Centralizer

Weight 5.4 kg
 Length 0.76 m
 Max. Diameter 6.9 cm



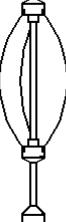
Slim Hole Gamma Ray

Weight 1.04 m
 Length 1.45 m
 Max. Diameter



Slim Hole Centralizer

Weight 10.8 kg
 Length 0.94 m
 Max. Diameter 6.9 cm



Sector Bond

Weight 40.8 kg
Length 3.15 m
Max. Diameter 6.9 cm

SBT/CBL Tx

2.750 in. dia.
(6.985 cm)

SBT Rx 2.37 m

3' Rx 2.22 m

5' Rx 1.91 m

2.750 in. dia.
(6.985 cm)

Slim Hole Centralizer

Weight 5.4 kg
Length 0.76 m
Max. Diameter 6.9 cm

Tool Zero

COMPANY PARAMOUNT RESOURCES LTD

300L736010117150

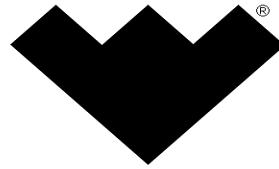
WELL PARAMOUNT et al CAMERON L73

FIELD CAMERON

PROVINCE N.W.T



Weatherford®



ARRAY INDUCTION

COMPANY
WELL
FIELD
PROVINCE/COUNTY
COUNTRY/STATE
LOCATION

PARAMOUNT RESOURCES LTD
PARA ET AL CAMERON L-73
CAMERON HILLS
NORTHWEST TERRITORIES
CANADA
300/L-73-60-10-117-15

FIELD PRINT

LSD	SEC	TWP	RGE	Other Services PHOTO DENSITY MICROLOG	DUAL SPACED NEUTRON COMPENSATED SONIC XY CALIPERS
API Number Permit Number	1159				
Permanent Datum	GROUND LEVEL	Elevation	770.8 metres	Elevations:	metres
Log Measured From	4.0 M	above Permanent Datum		KB	774.80
Drilling Measured From	KELLY BUSHING			DF	
				GL	770.80
Date	27-FEB-2007				
Run Number	1				
Depth Driller	1450.00	metres			
Depth Logger	1448.60	metres			
First Reading	1447.50	metre			
Last Reading	435.00	metre			
Casing Driller	436.00	metres			
Casing Logger	435.00	metres			
Bit Size	200.00	mm			
Hole Fluid Type	GELCHEM				
Density / Viscosity	1180.0 kg/M3	85.00 sec/L			
PH / Fluid Loss	10.00	8.00 ml/30Min			
Sample Source	FLOWLINE				
Rm @ Measured Temp	0.54 @ 25.0	ohm-m			
Rmf @ Measured Temp	0.41 @ 25.0	ohm-m			
Rmc @ Measured Temp	0.63 @ 25.0	ohm-m			
Source Rmf / Rmc	PRESS	FILTER			
Rm @ BHT	0.36 @ 47.0	ohm-m			
Time Since Circulation	8.5 HRS				
Max Recorded Temp	47.00	deg C			
Equipment Name	13132				
Equipment / Base	QUINT	GPR			
Recorded By	L. SUTHERLAND				
Witnessed By	A. AHMED				
CIRC STOP	05:30 FEB 27		Last Line		

Last Edited: 28-FEB-2007 03:49

Depth To
metres

311.000	0.00	436.00
200.000	436.00	1450.00

BOREHOLE RECORD

Bit Size millimetres	Depth From metres	Shoe Depth metres	Weight pounds/ft
311.000	0.00	436.00	436.00
200.000	436.00	1450.00	35.70

CASING RECORD

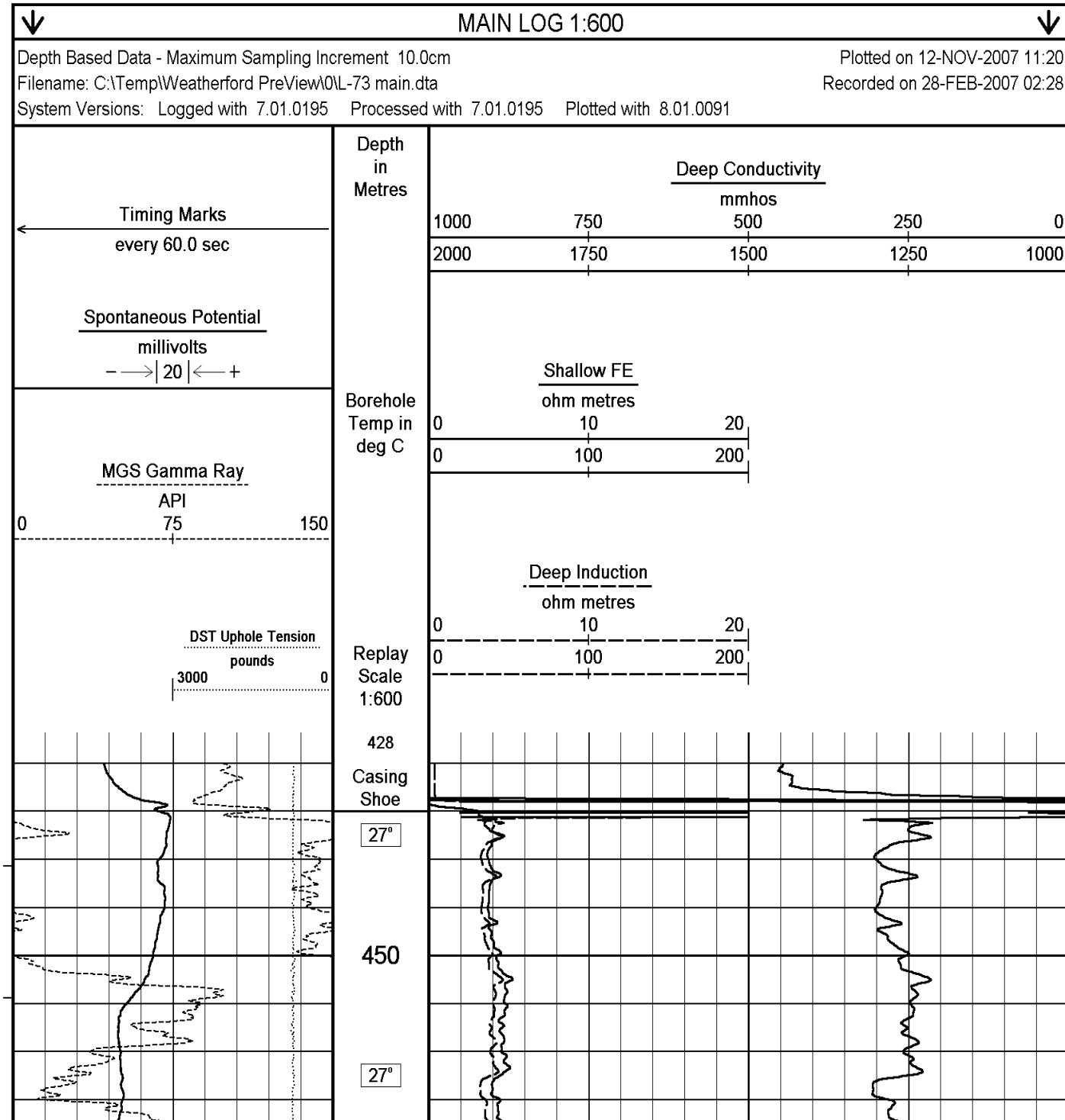
Type	Size millimetres	Depth From metres	Shoe Depth metres	Weight pounds/ft
SURFACE	219.100	0.00	436.00	35.70

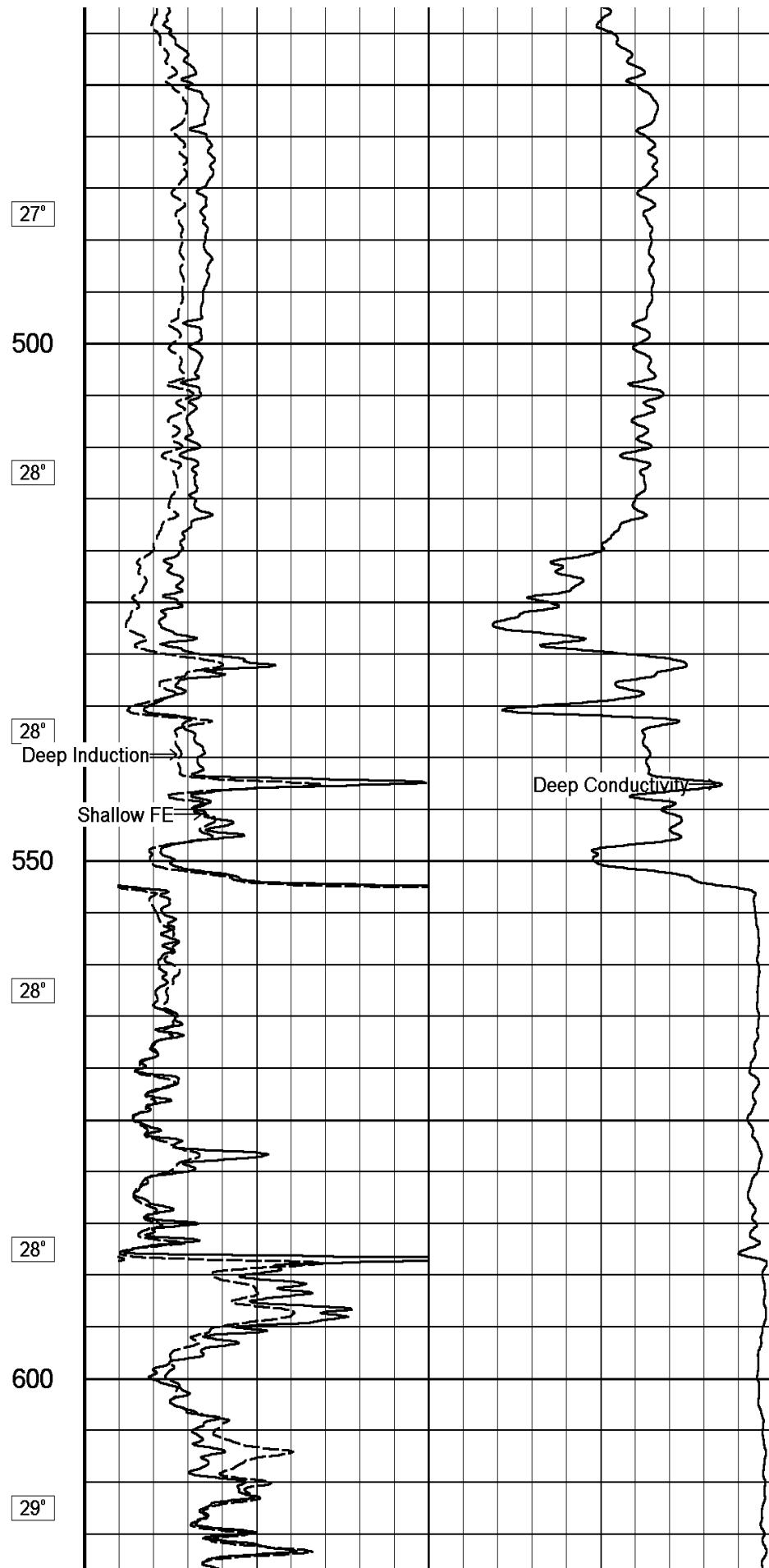
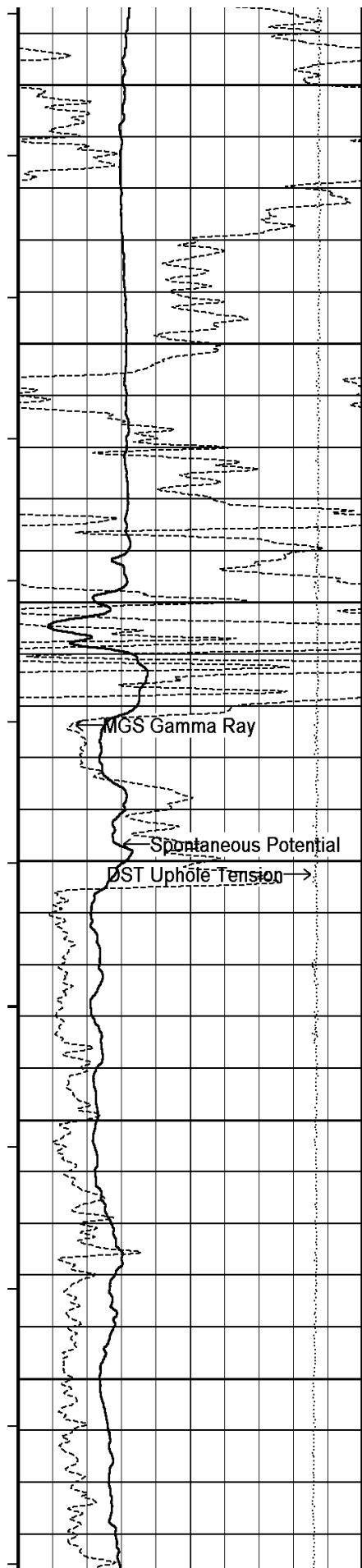
REMARKS

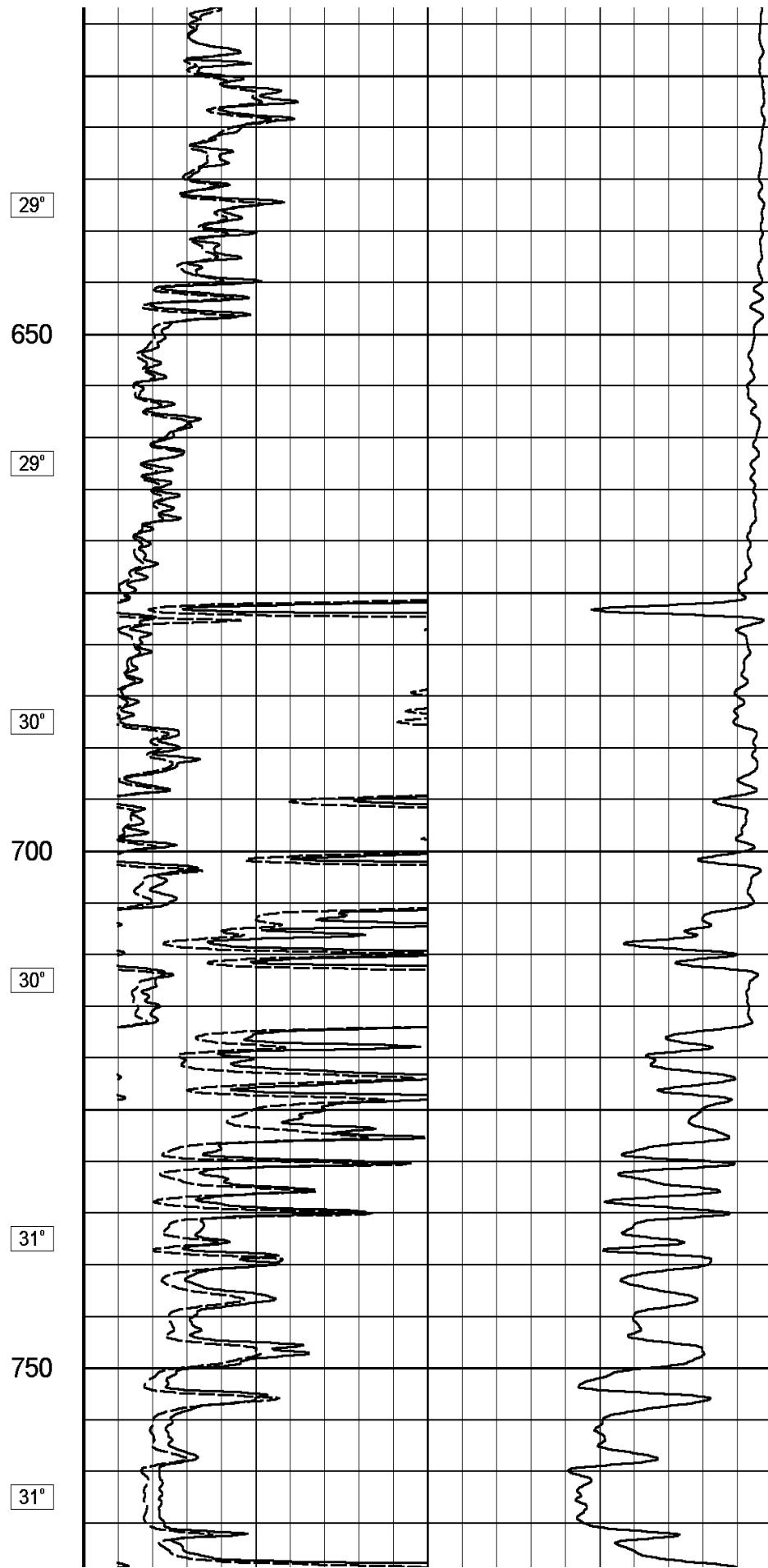
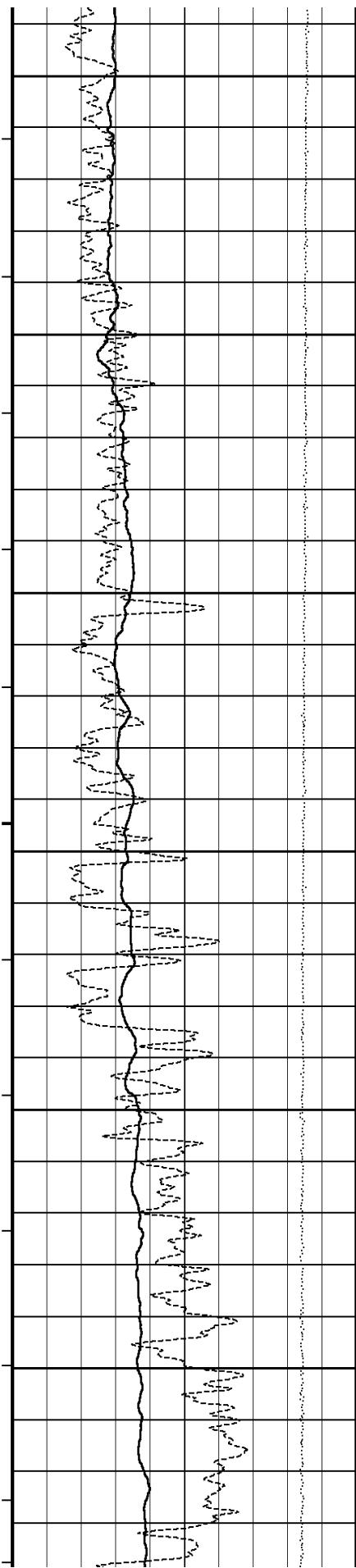
- 1) SOFTWARE ISSUE: WLS 7.01.0195
- 2) CUSTOMER SCALES AND INTERVALS LOGGED.
- 3) M1, MSS, MPD, MDN, MML, ISC, MGS, MTC, MFE, MCG RAN IN COMBINATION.
- 4) HARDWARE: M1: TWO 25.4 MM STANDOFFS
MSS: THREE 25.4 MM STANDOFFS
MDN: DUAL NEUTRON BOWSPRING
MTC: ONE SIX-LEAF CENTRALIZER

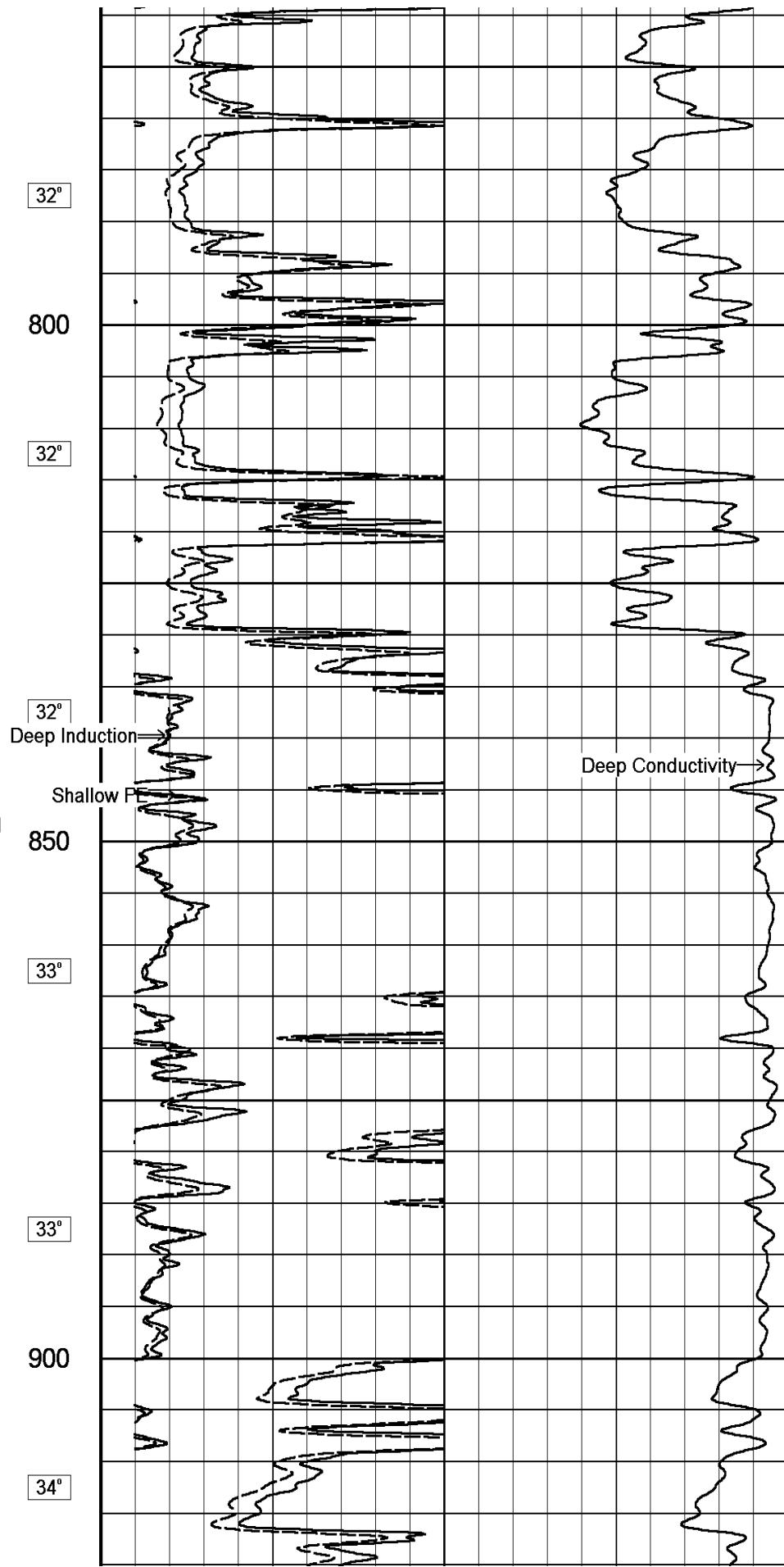
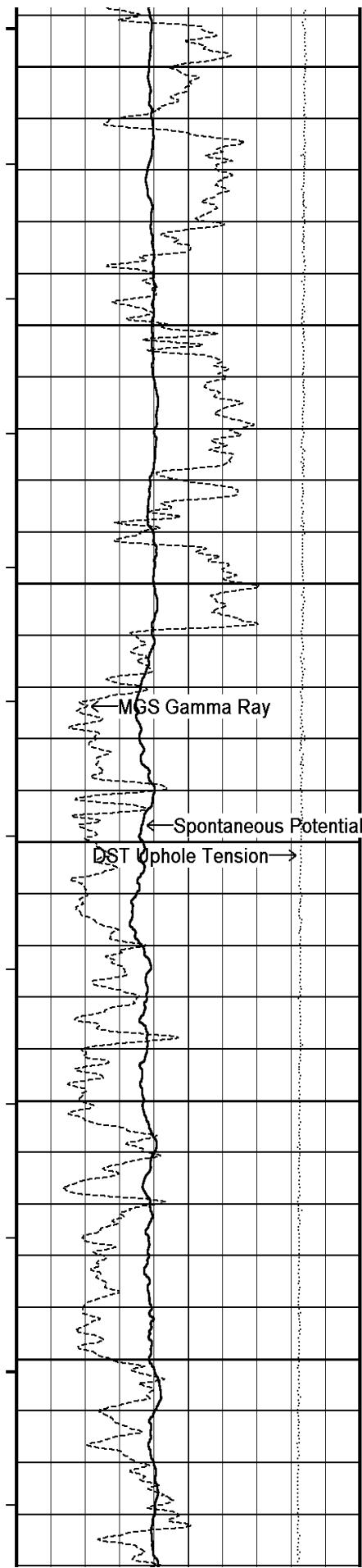
- 7) RIG: PD # 129
- 8) HOLE CEMENT VOLUMES CALCULATED USING DENSITY CALIPER AND TWO ARM CALIPER IN COMBINATION :
HOLE VOLUME = 36.05 CU.M.
ANNULAR VOLUME USING 139.7 MM PRODUCTION CASING = 20.65 CU.M
- 9) AREAS OF BOREHOLE RUGOSITY MAY CAUSE POOR DENSITY PAD CONTACT RESULTING IN HIGH DENSITY CORRECTION AND
THUS INVALID DENSITY POROSITY DATA AT THOSE INTERVALS.
- 10) SONIC FREE PIPE: 378M

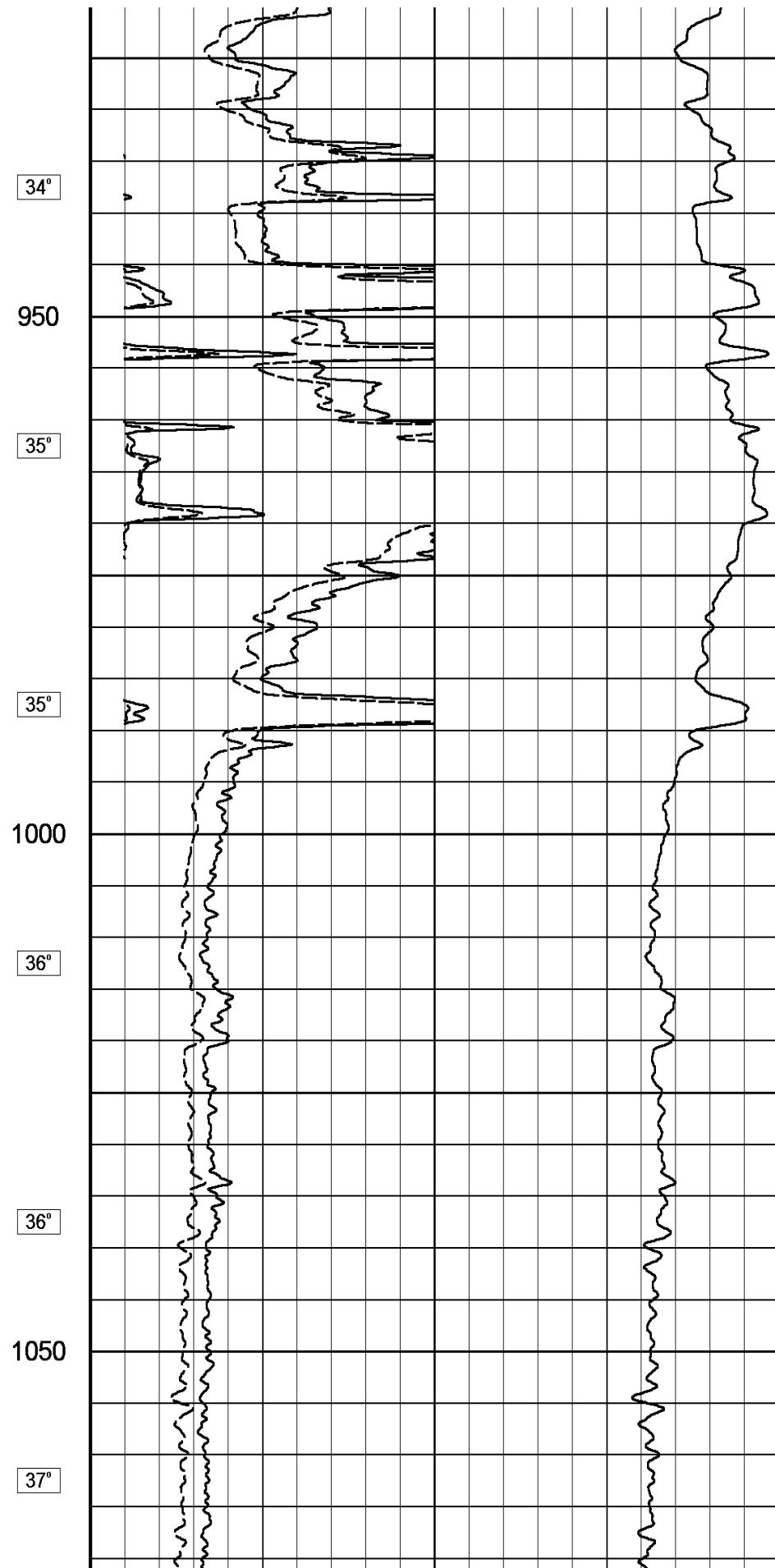
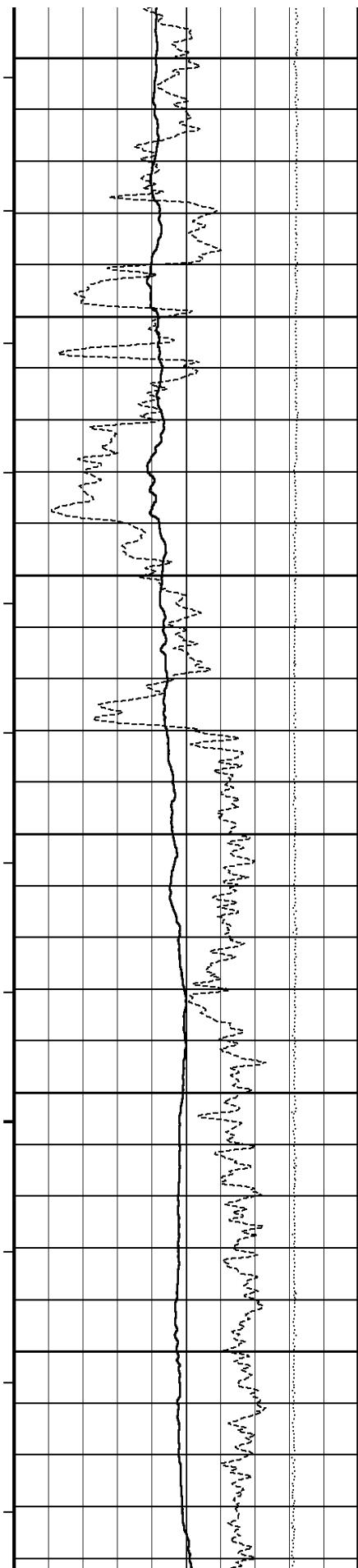
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions in our price schedule.

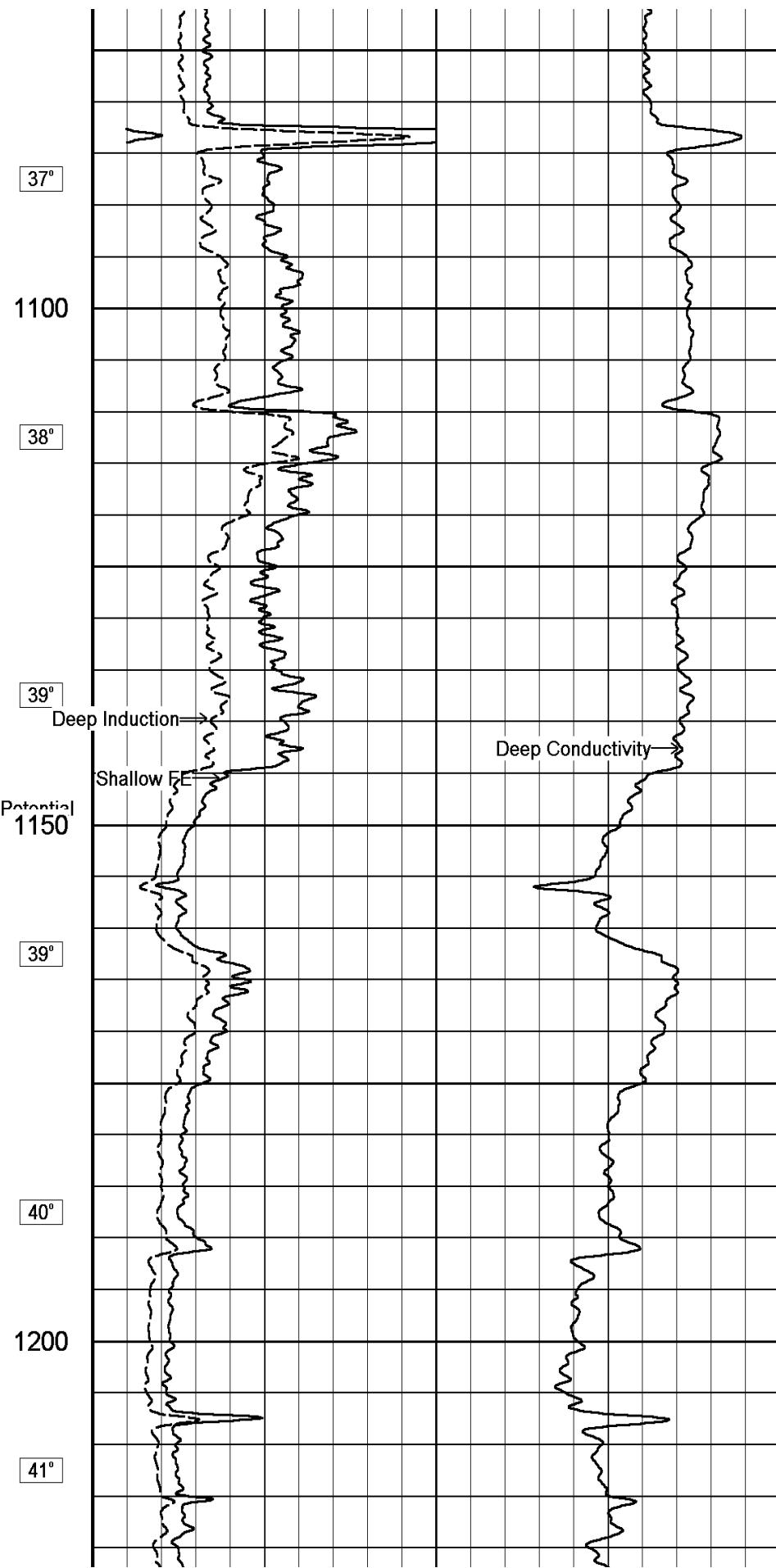
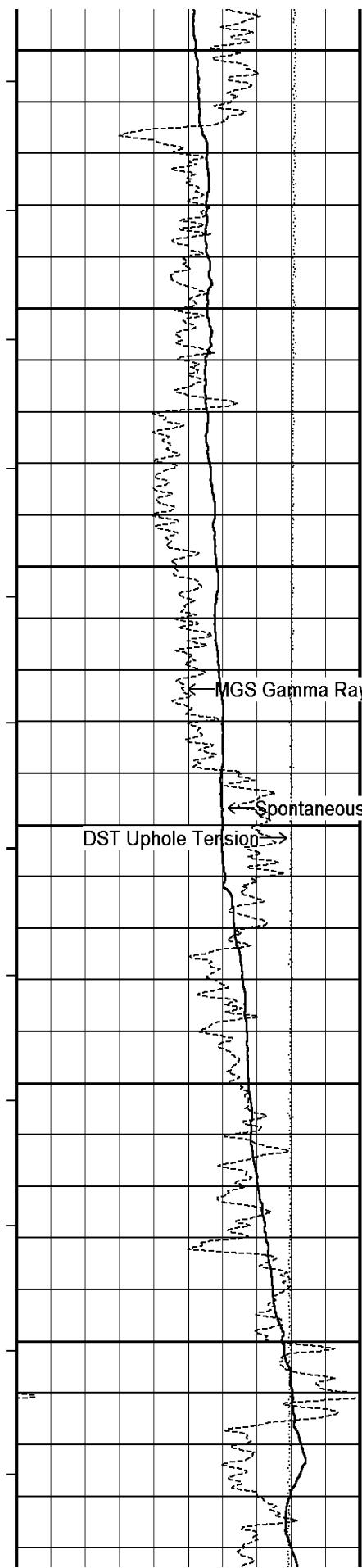


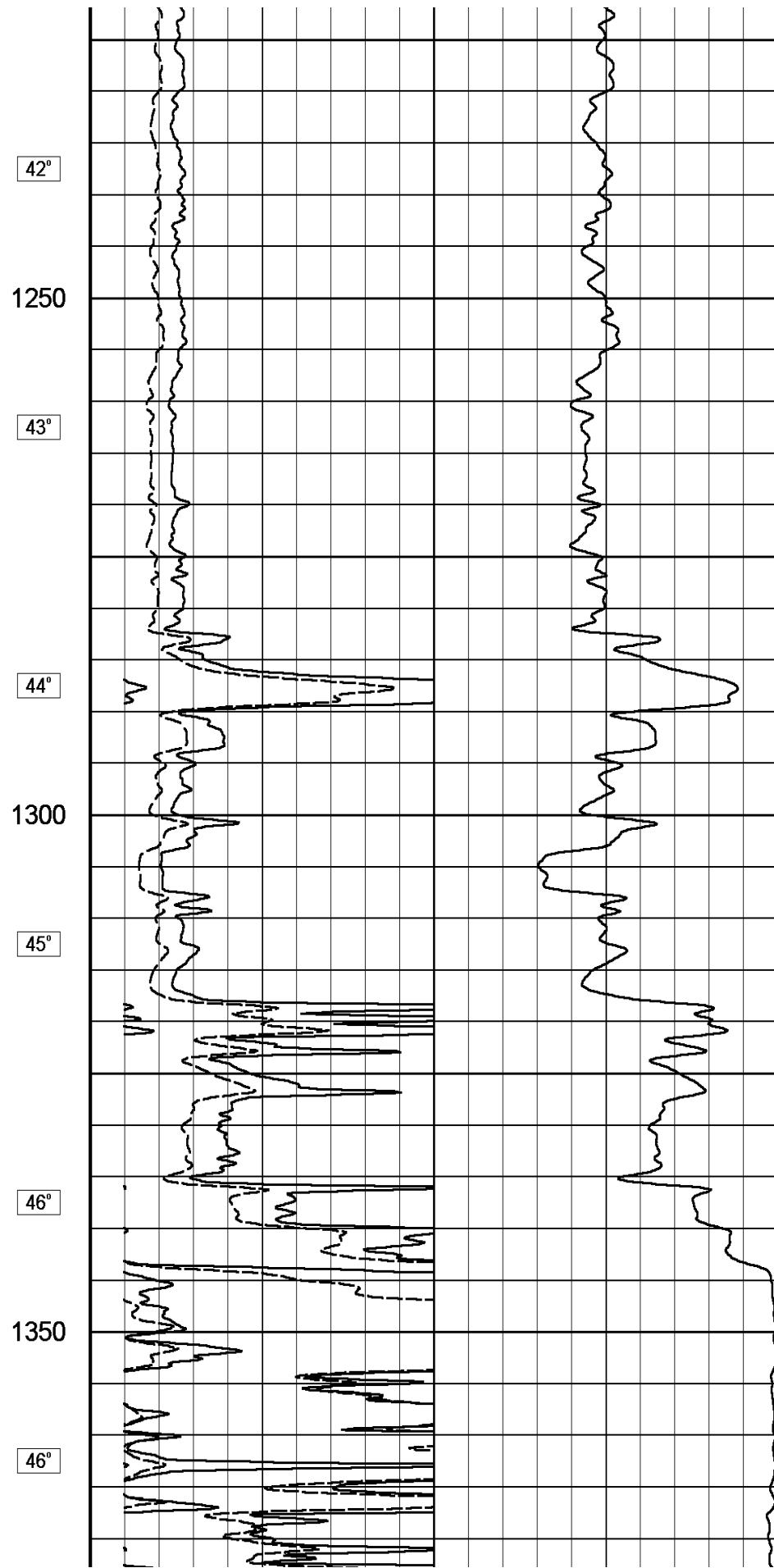
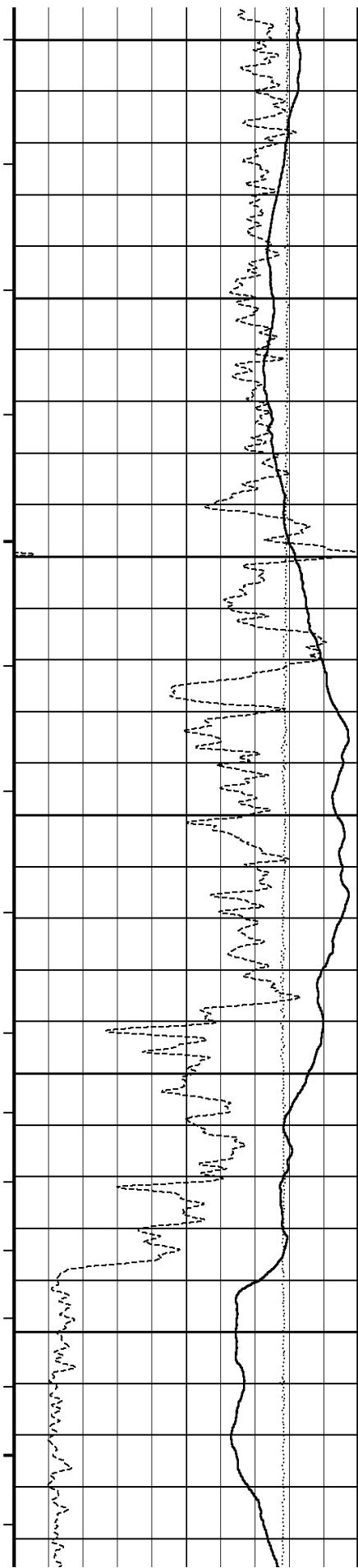


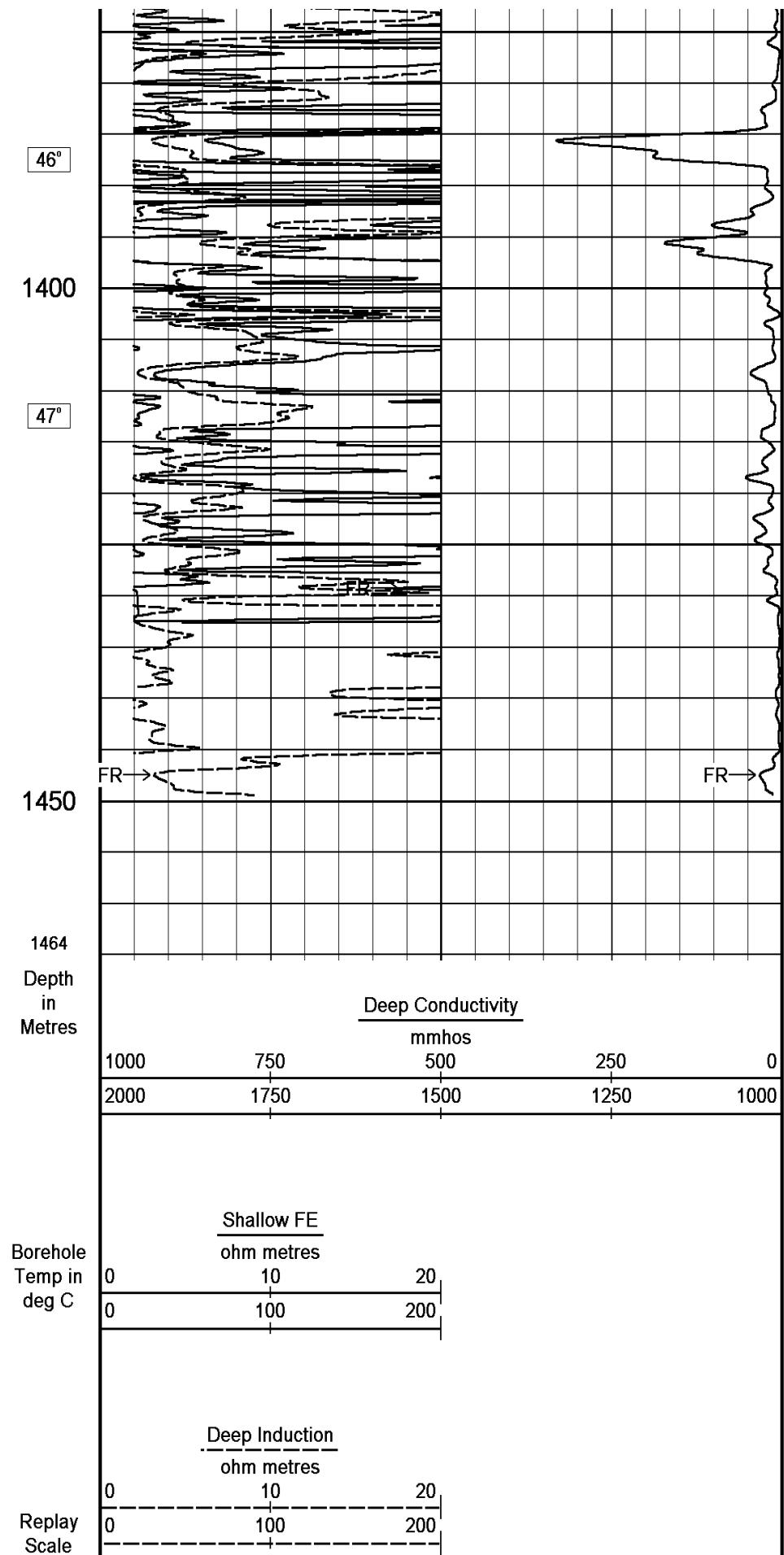
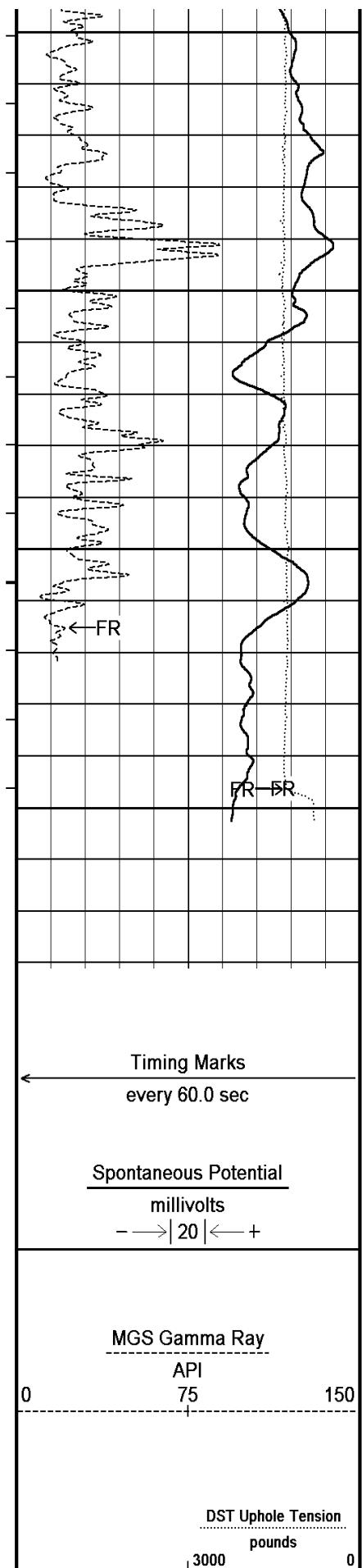












1:600

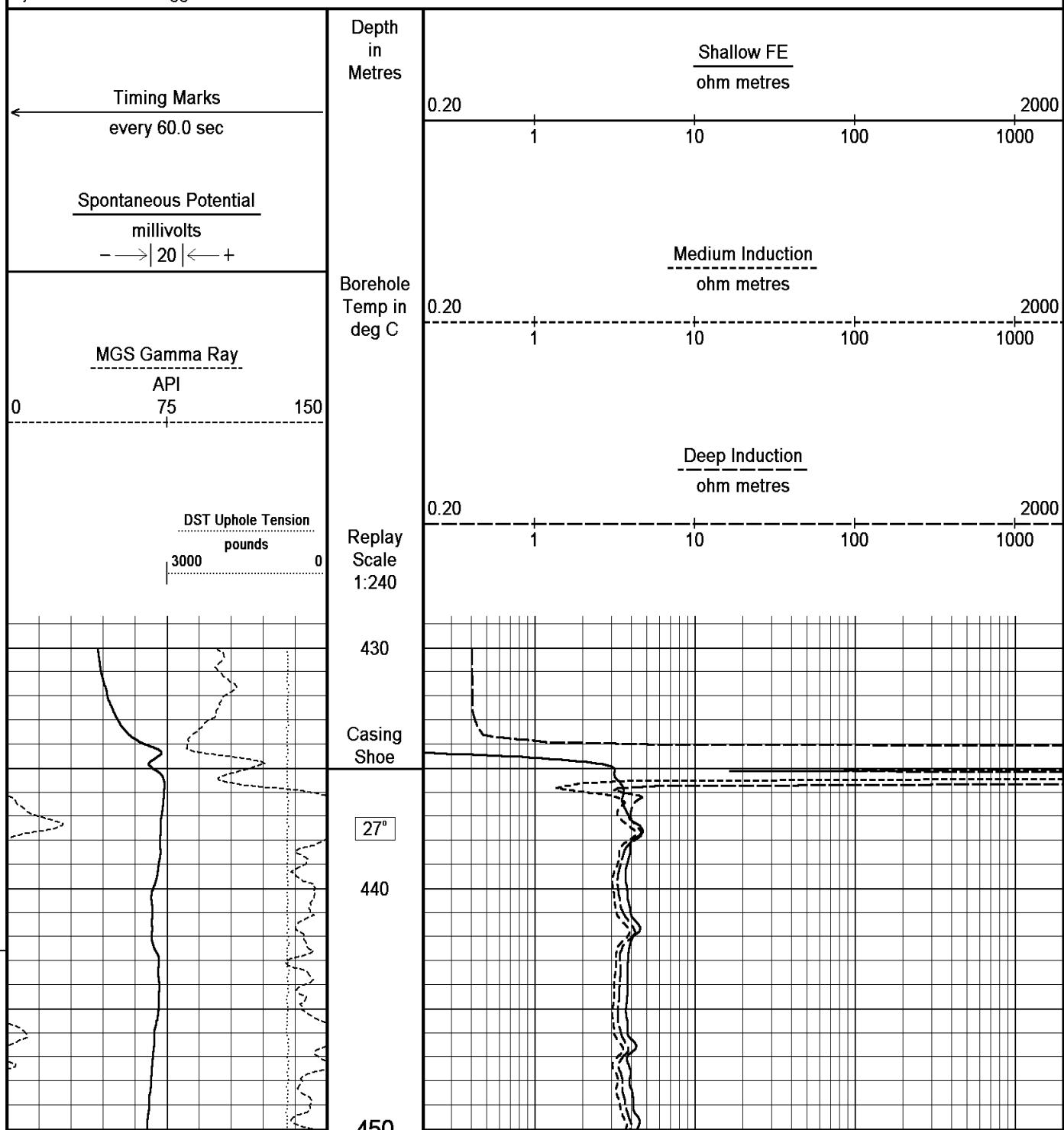
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 System Versions: Logged with 7.01.0195 Processed with 7.01.0195 Plotted with 8.01.0091

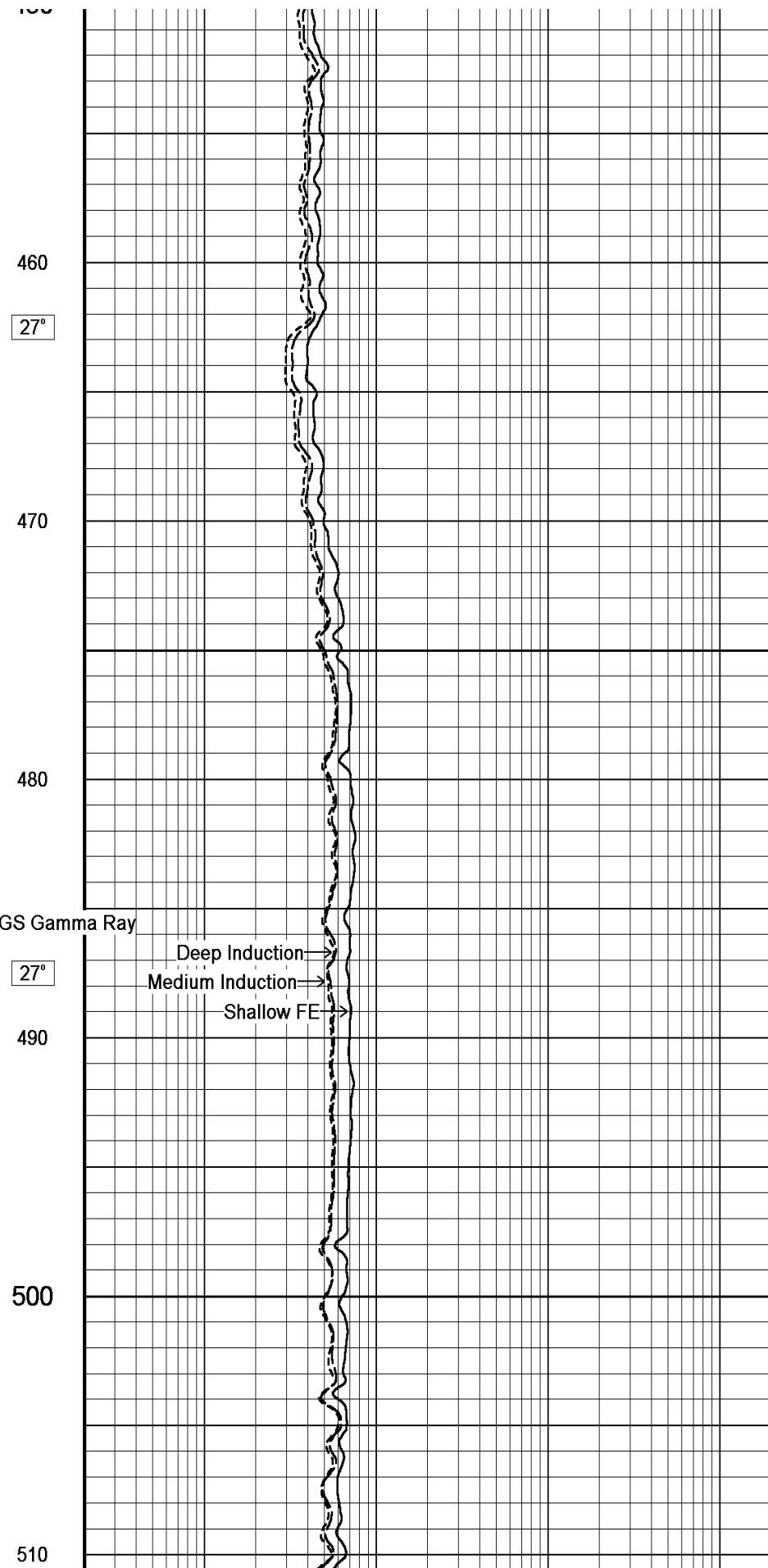
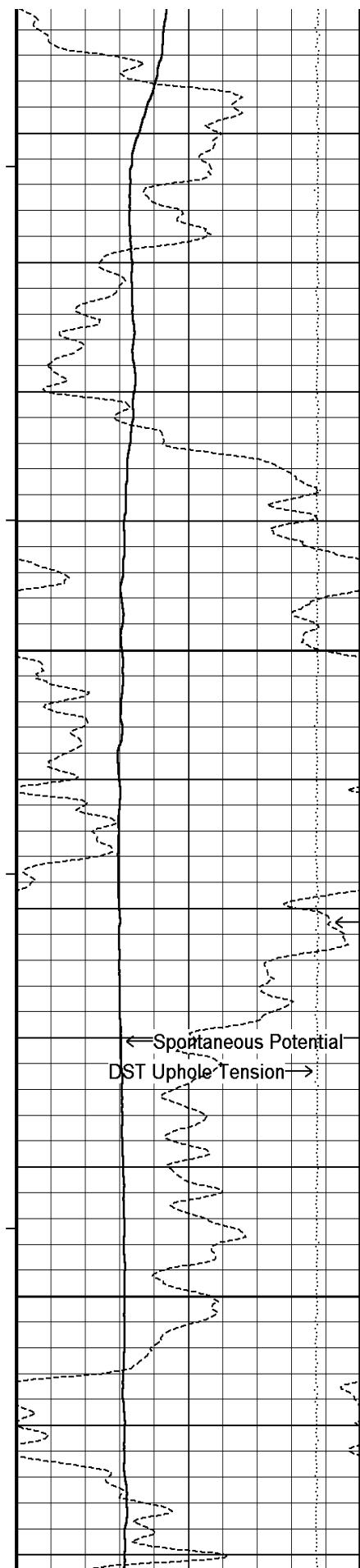
Plotted on 12-NOV-2007 11:20
 Recorded on 28-FEB-2007 02:28

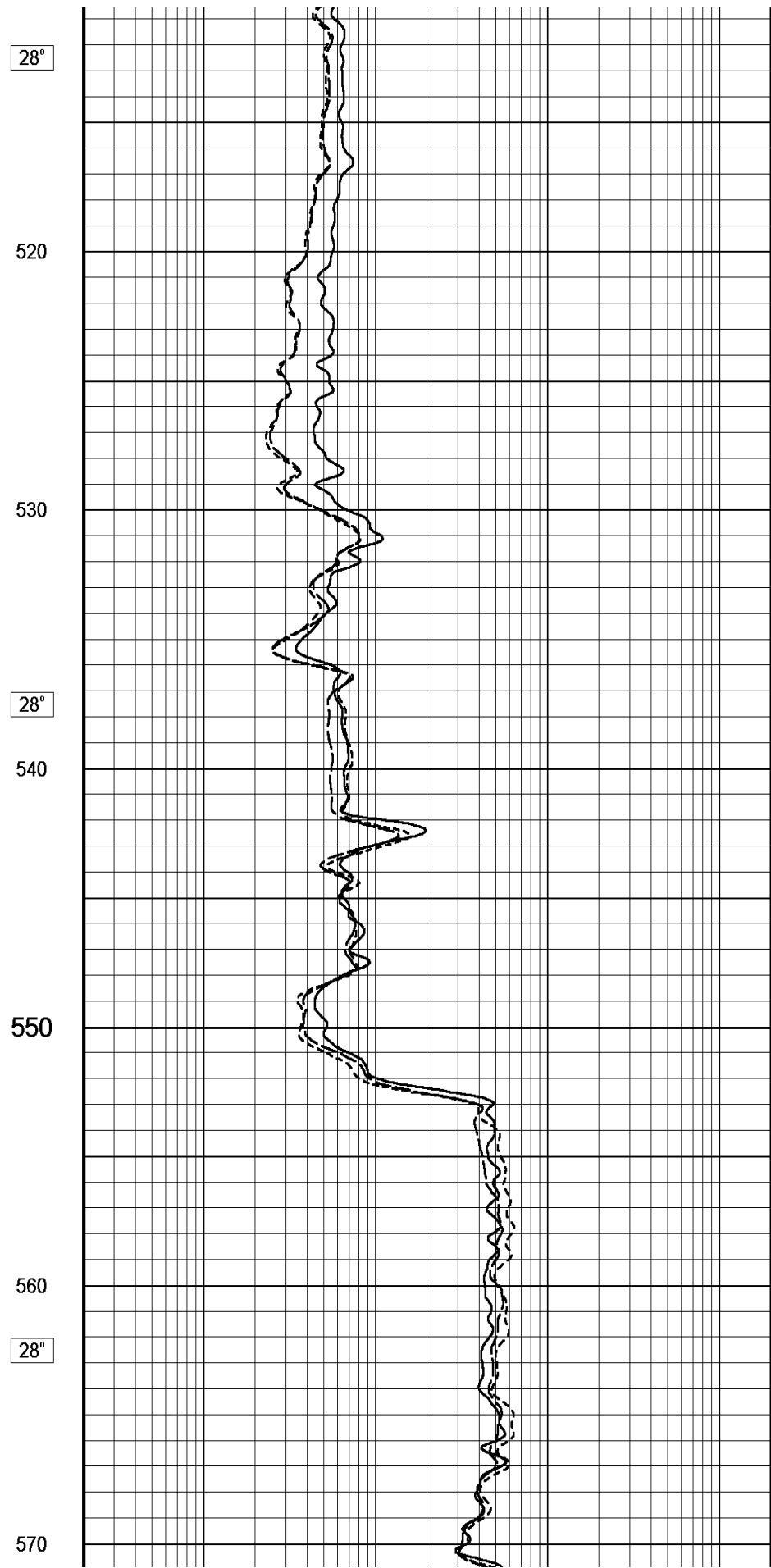
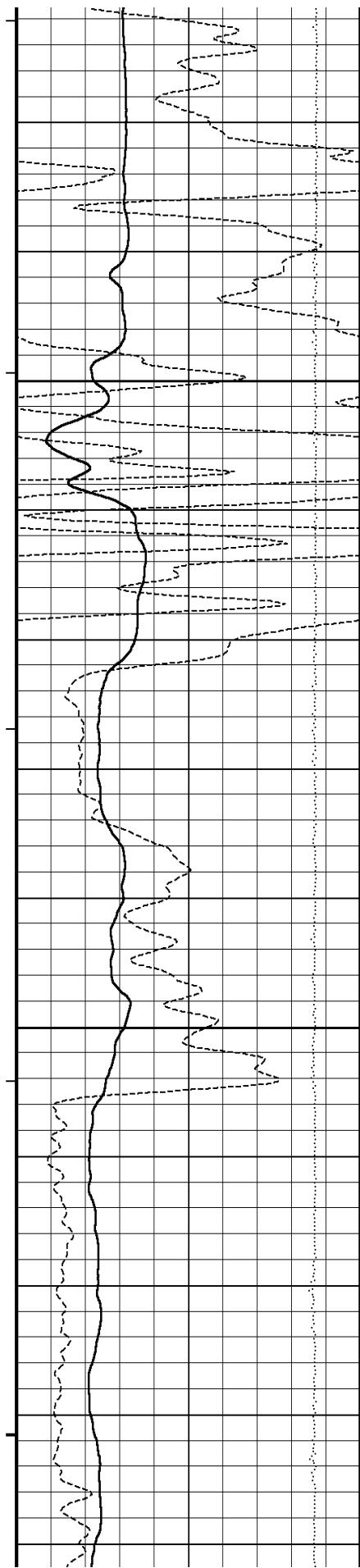
↑ MAIN LOG 1:600 ↑

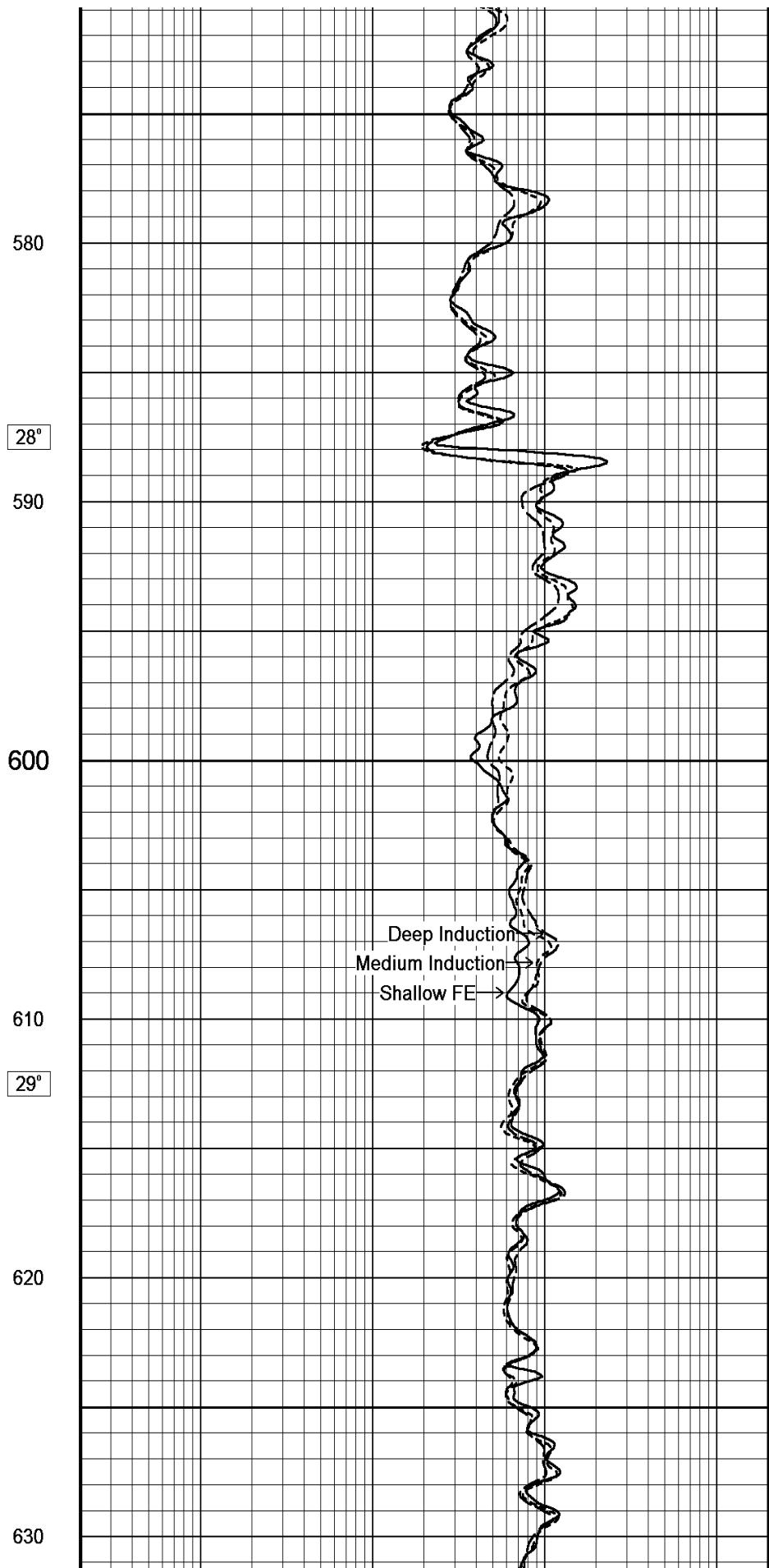
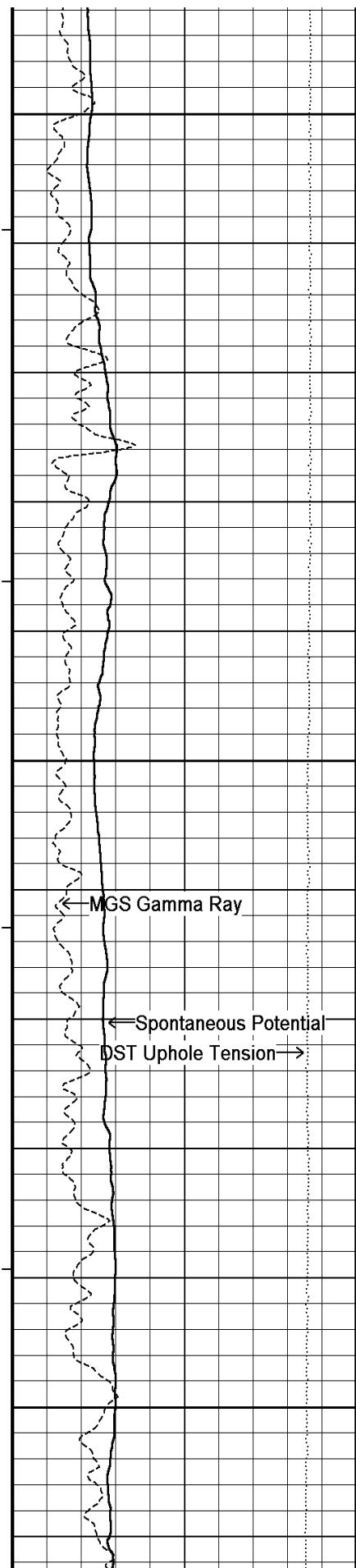
↓ MAIN LOG 1:240 ↓

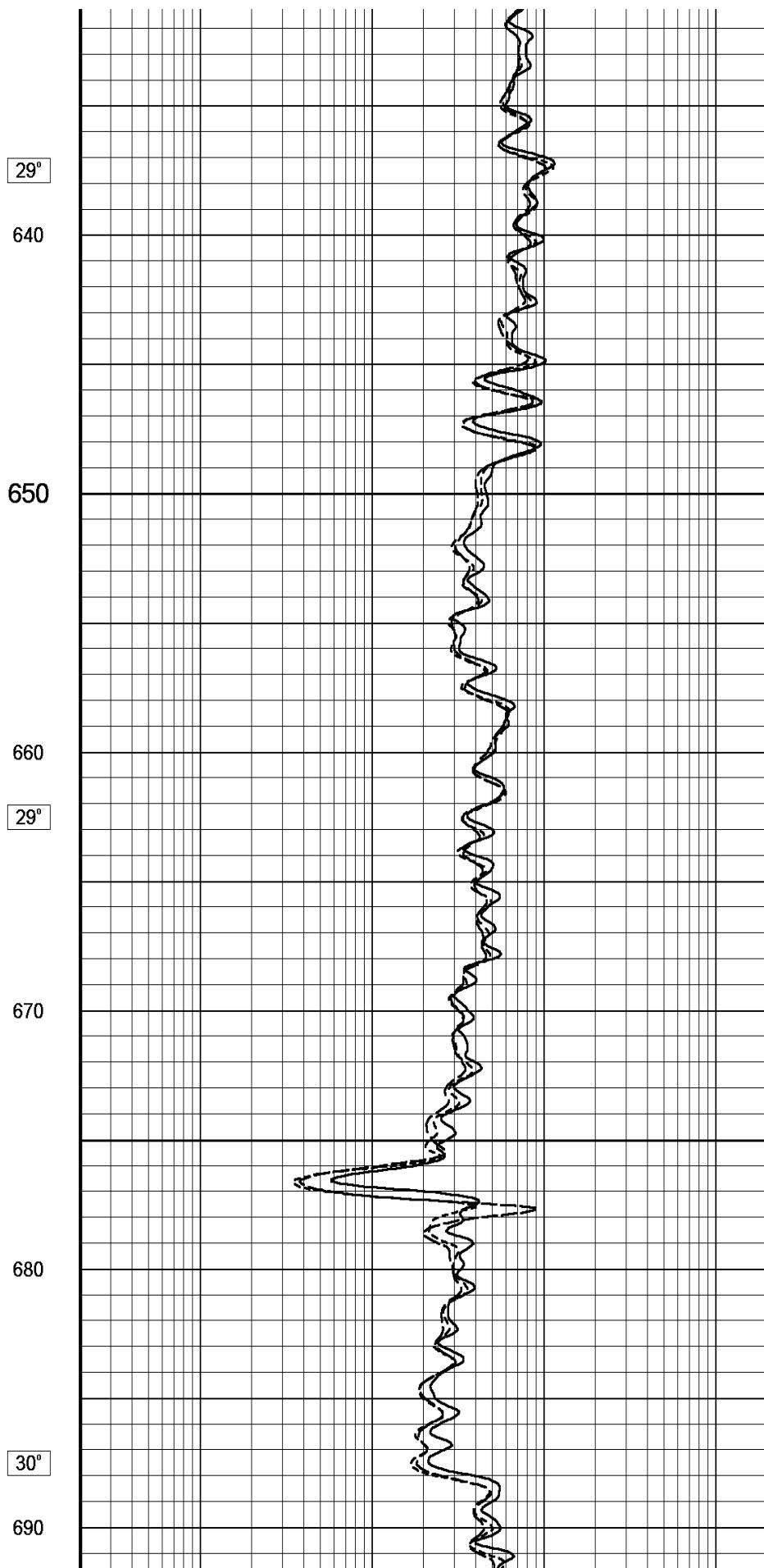
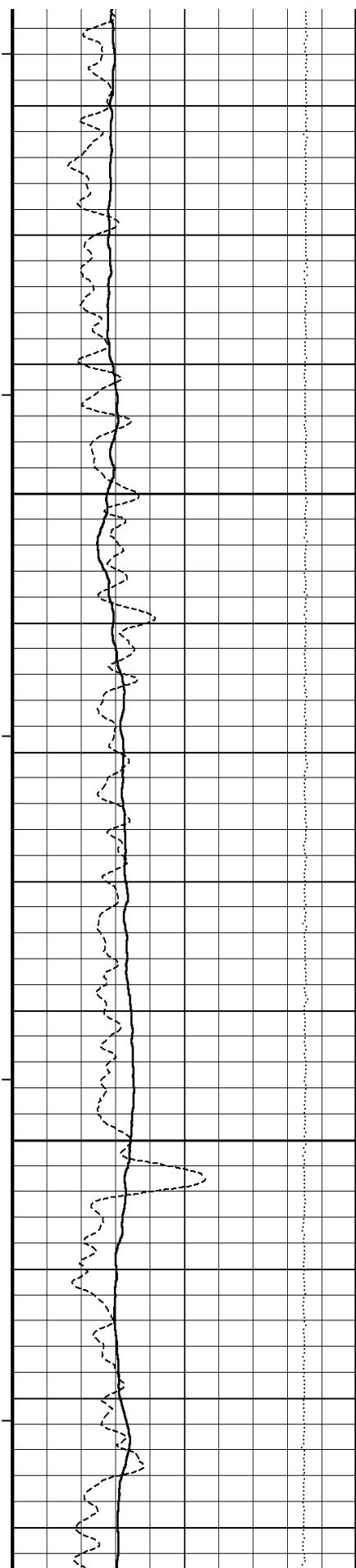
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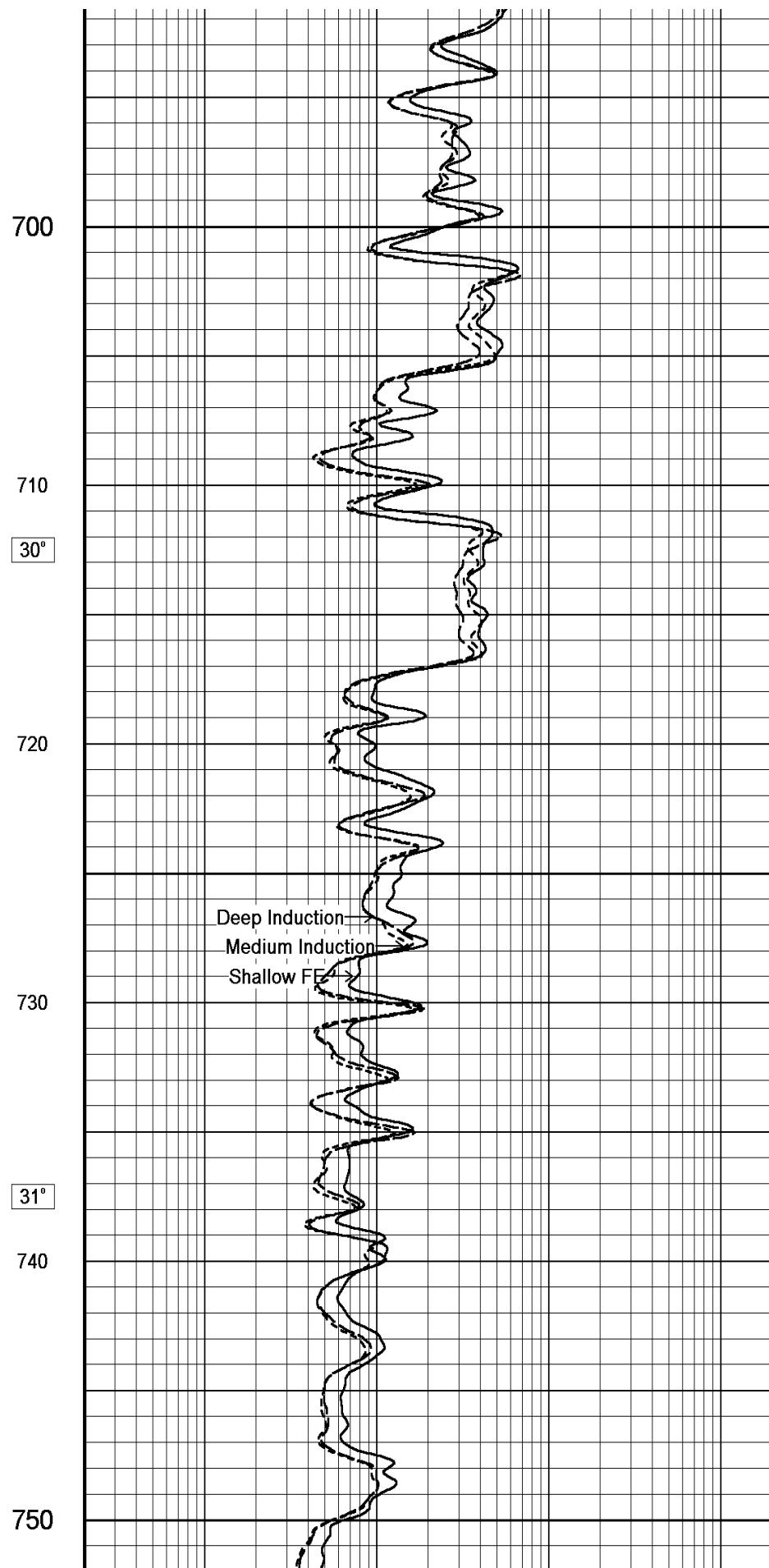
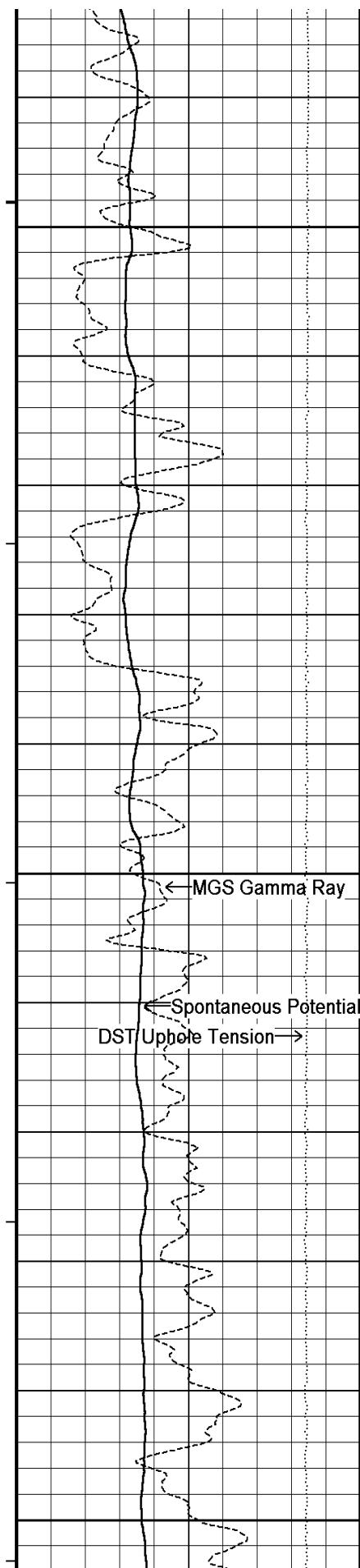


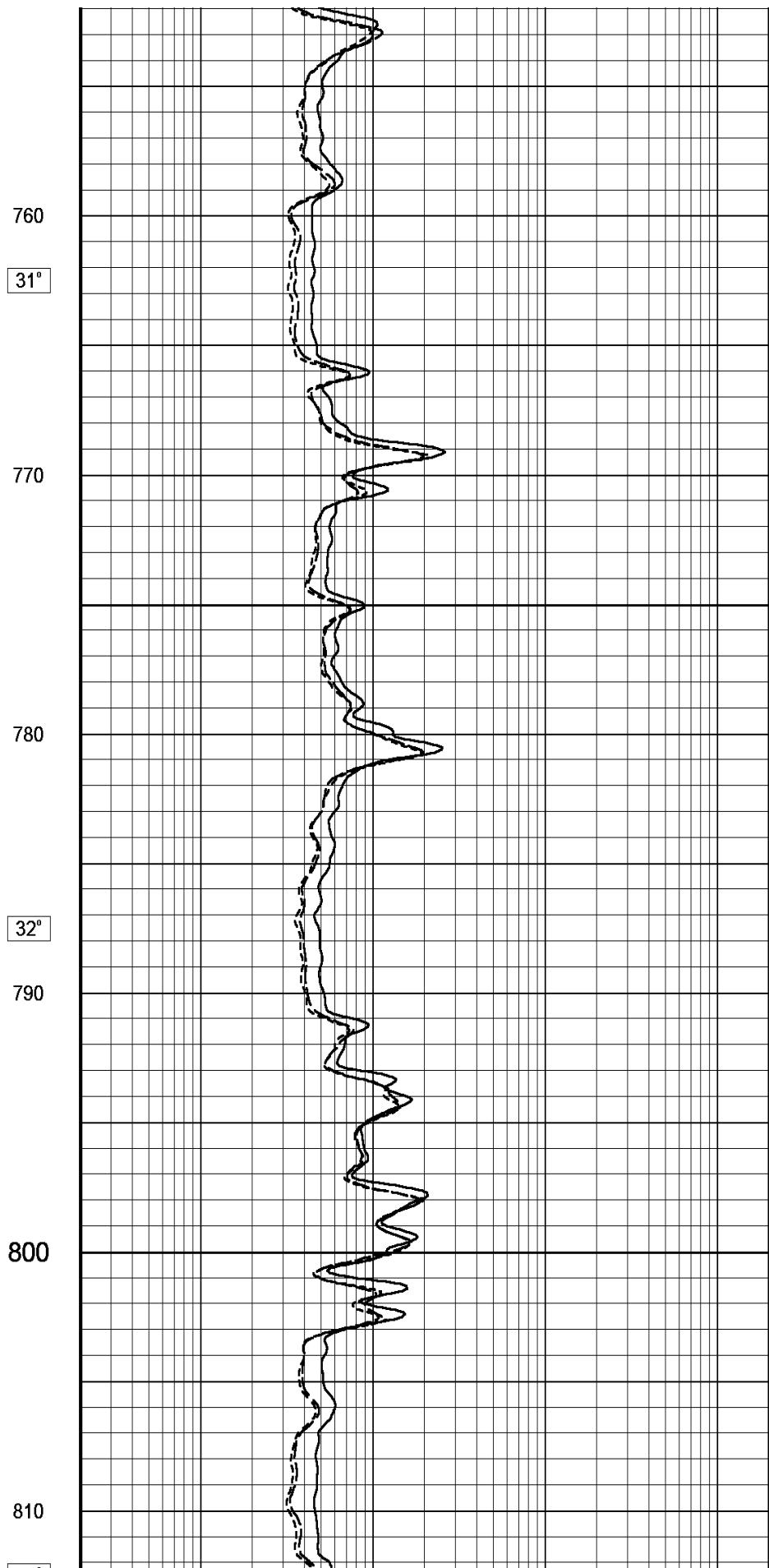
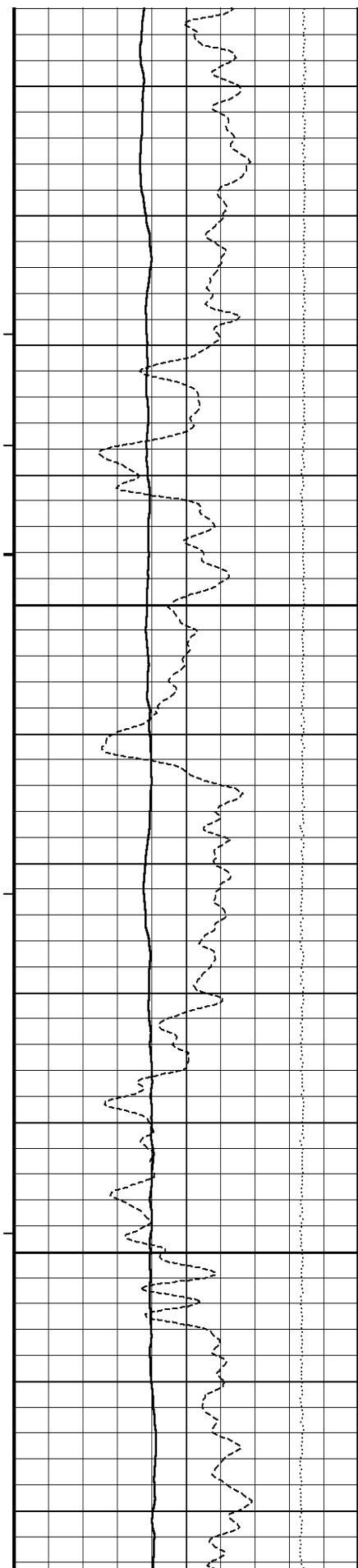


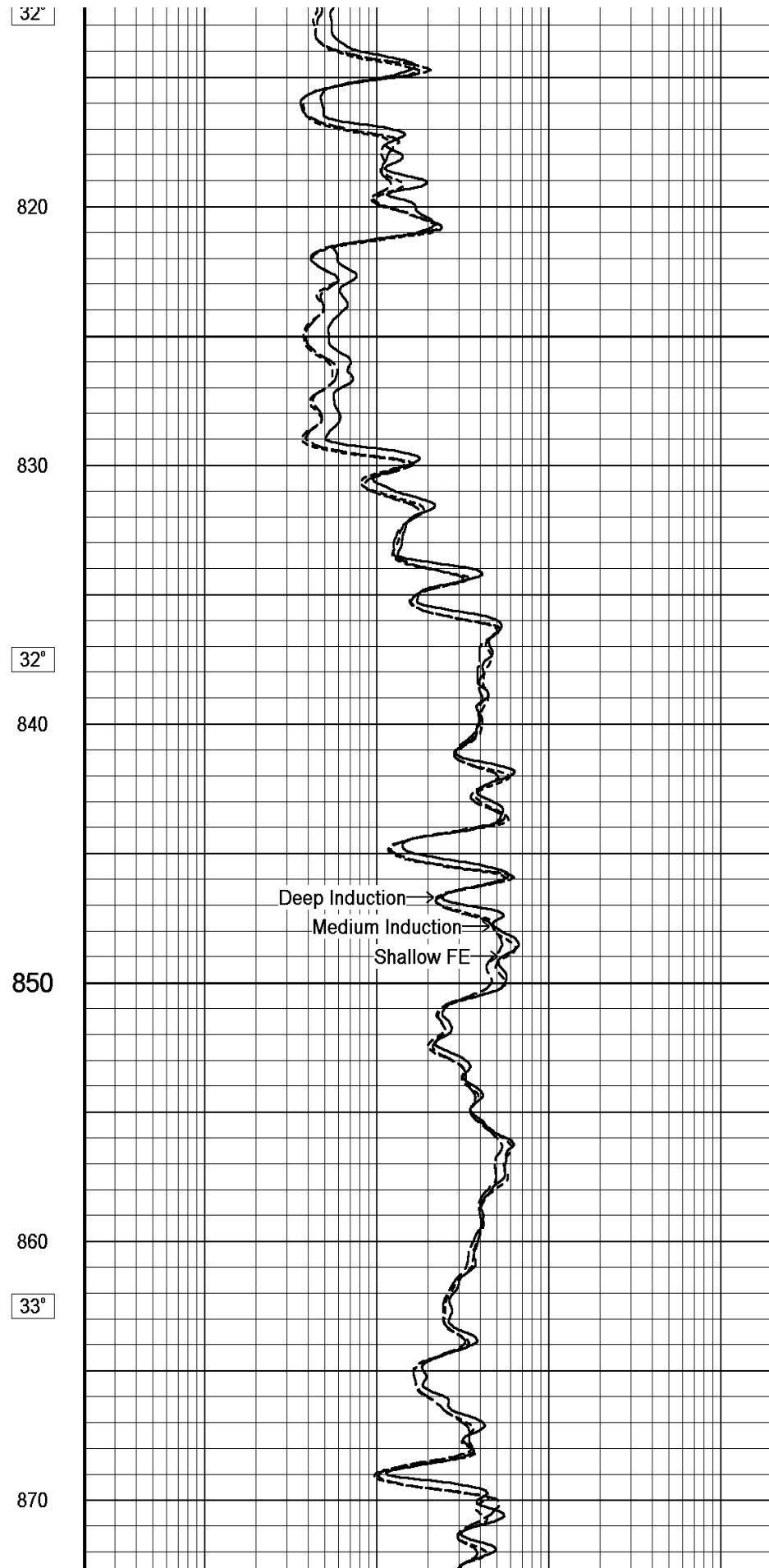
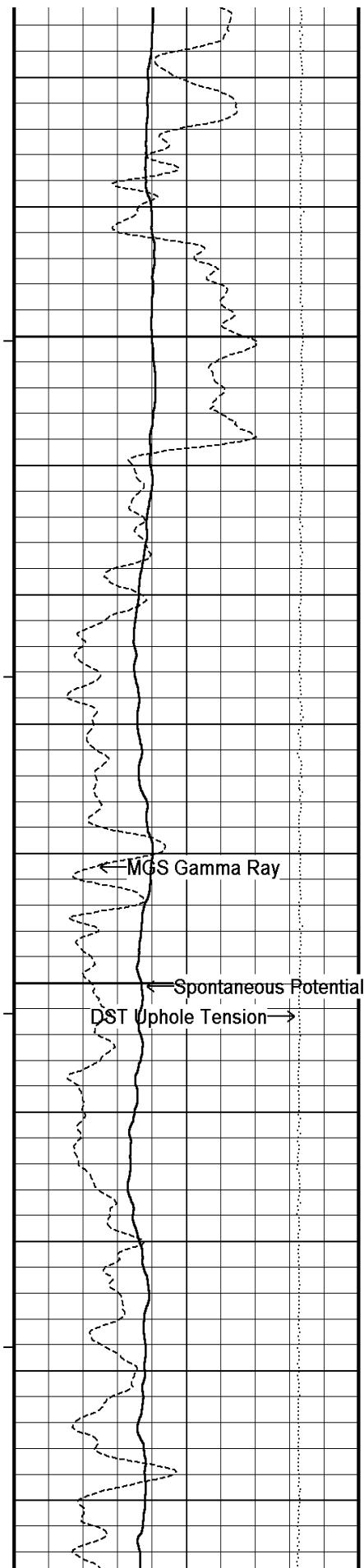


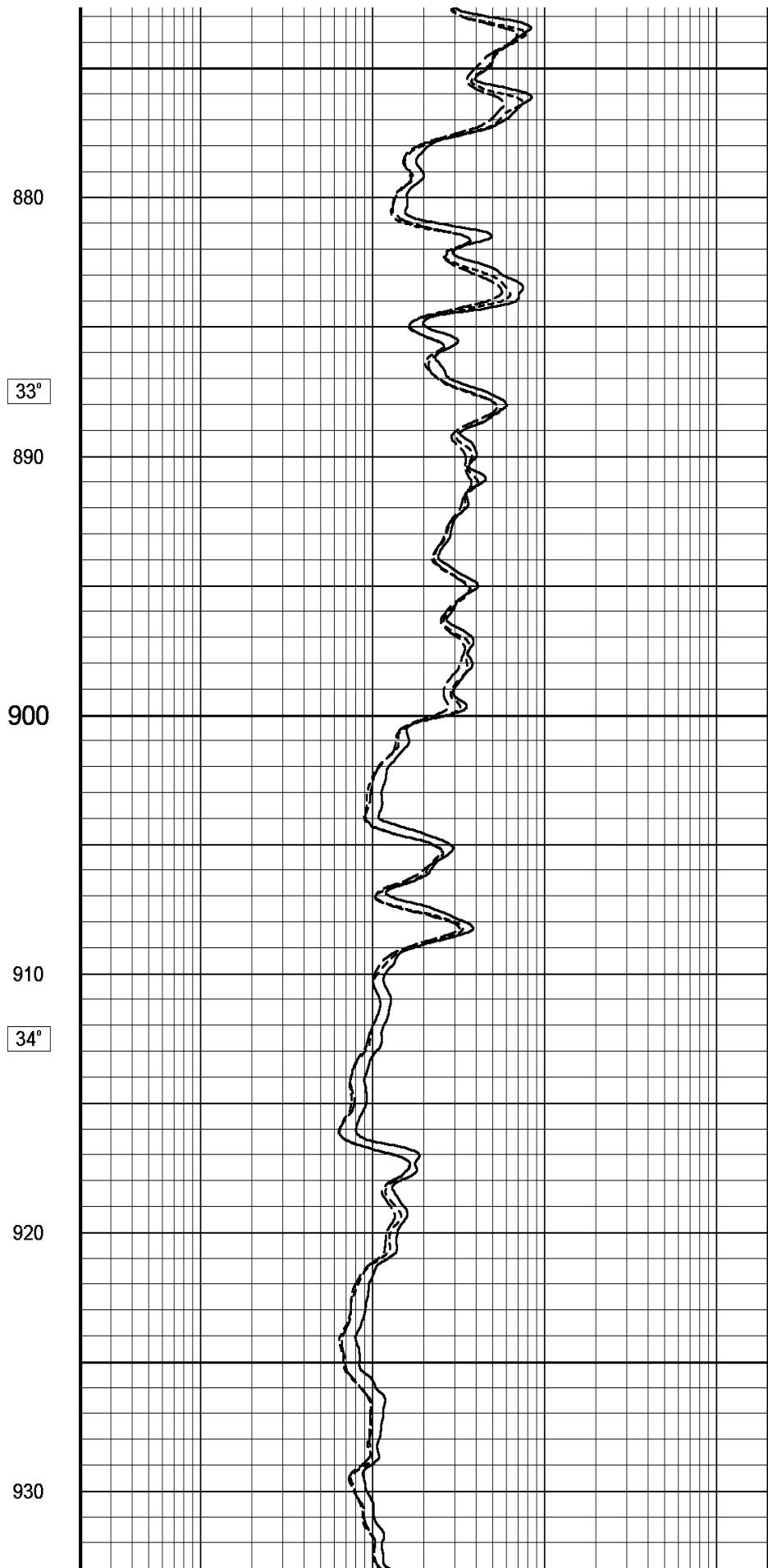
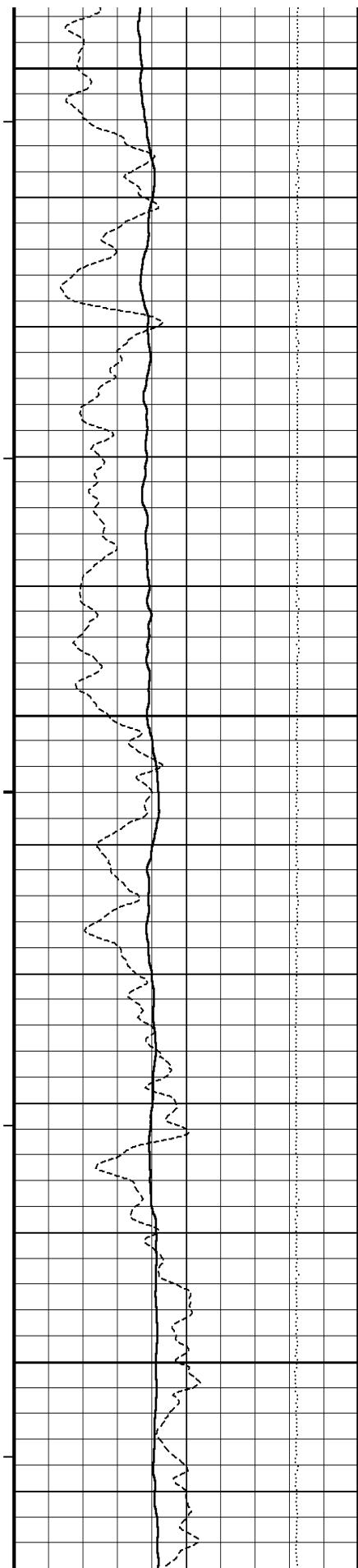


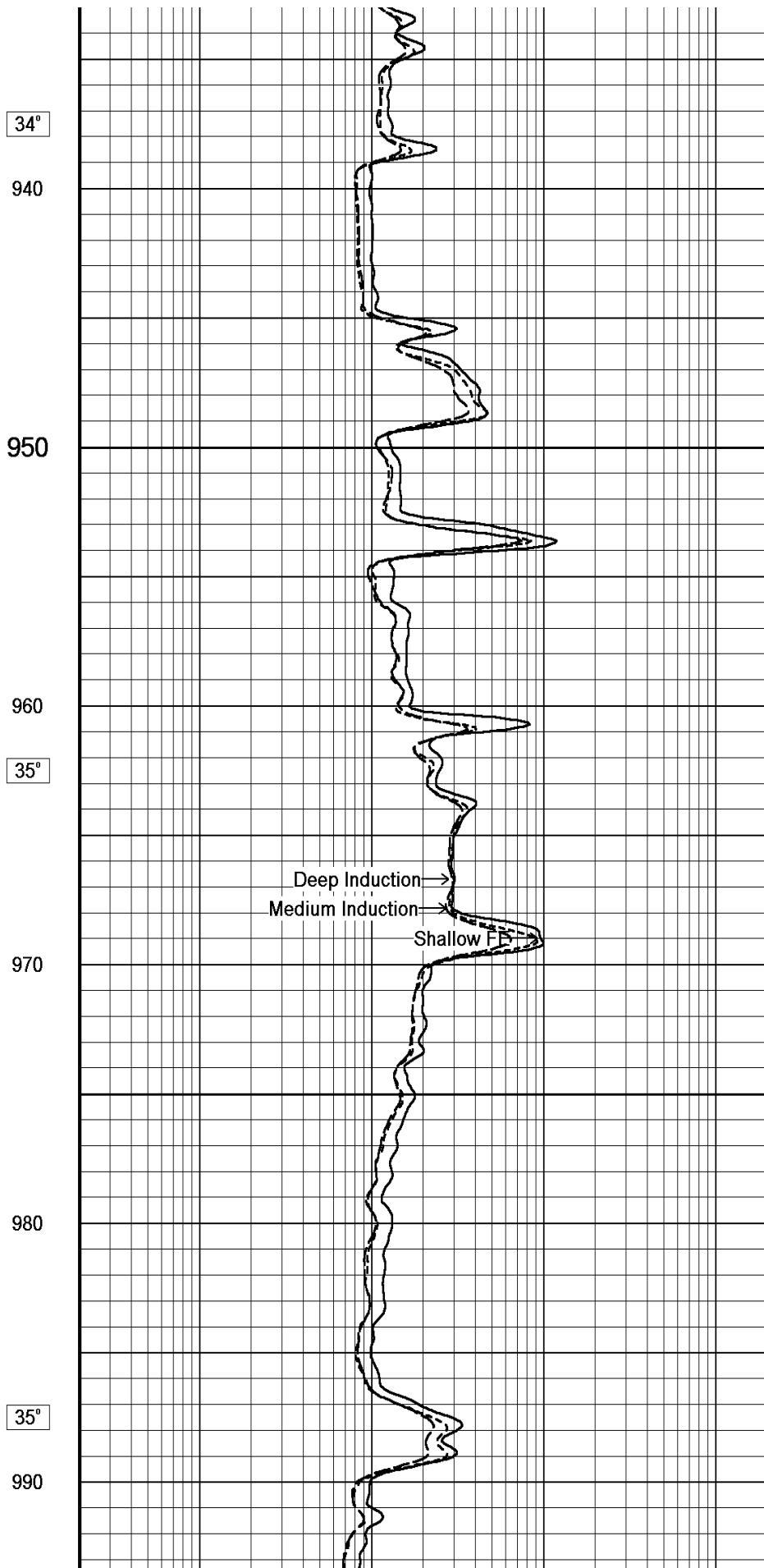
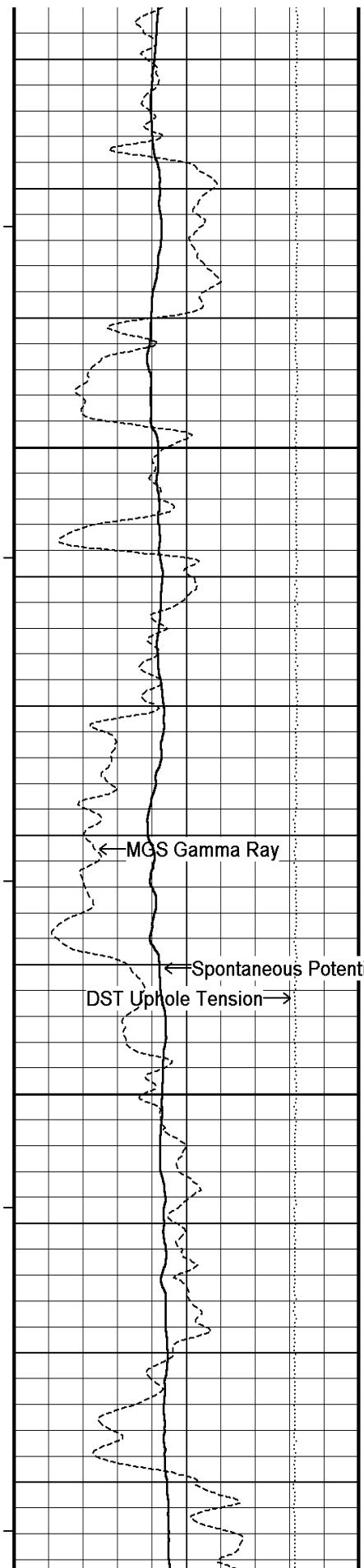


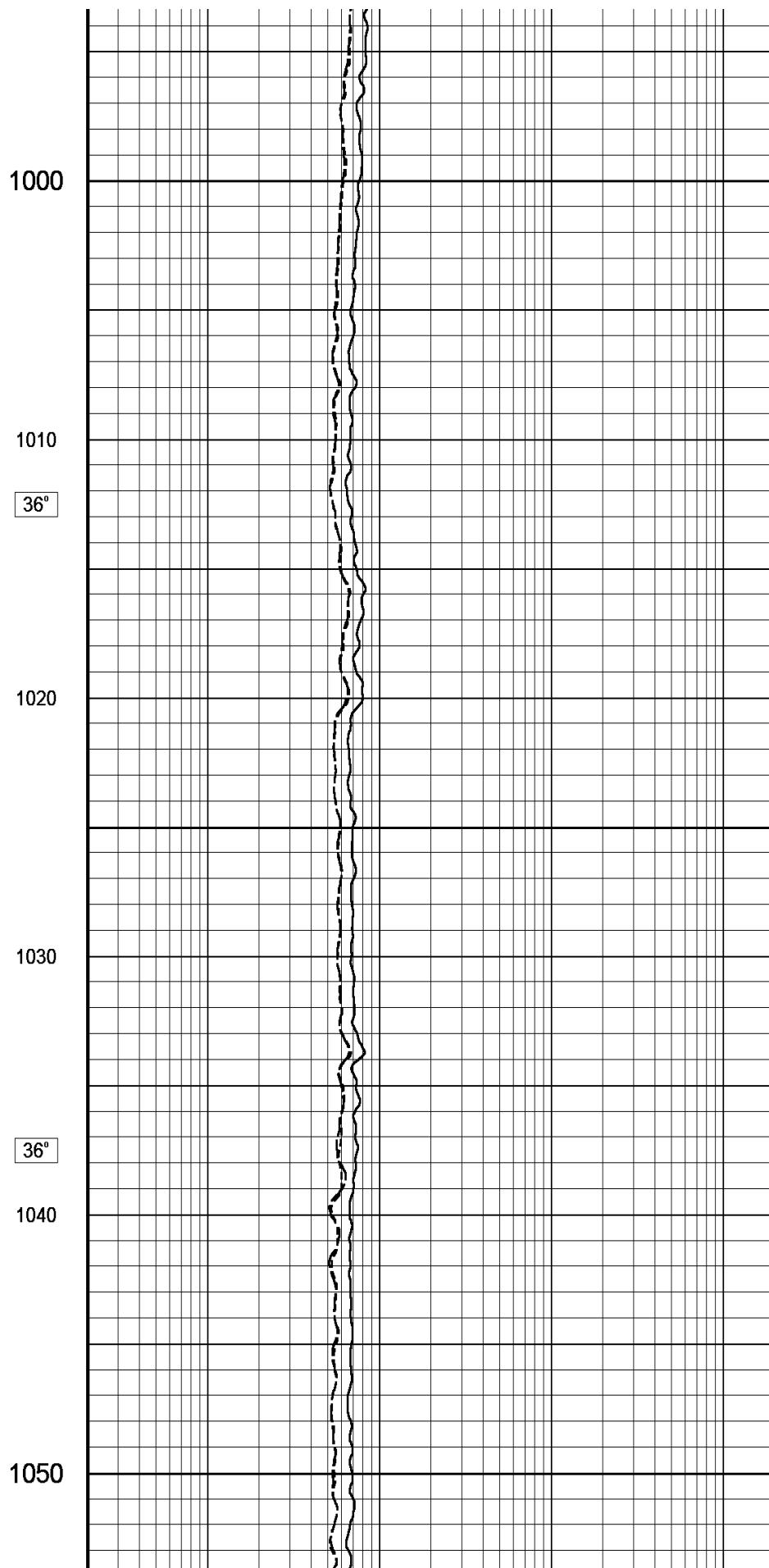
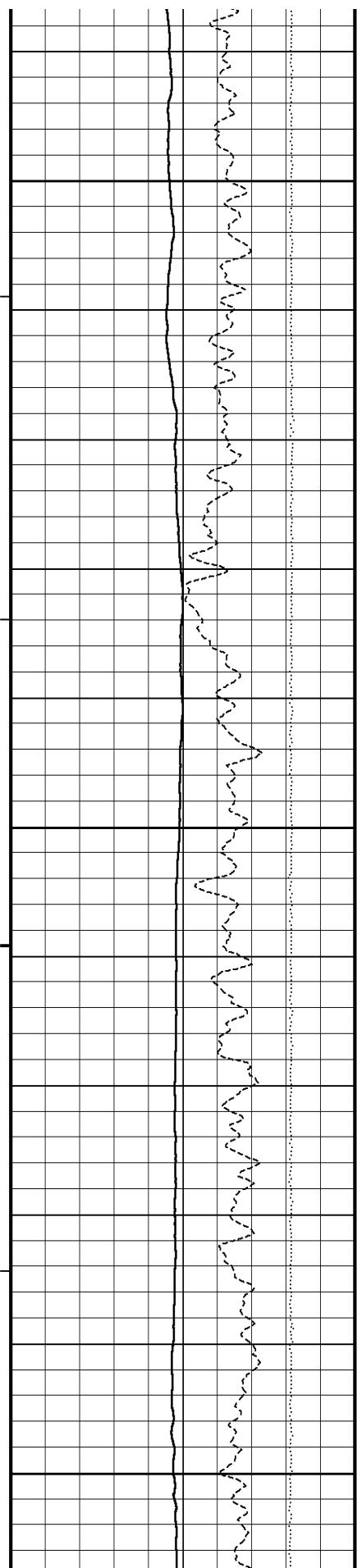


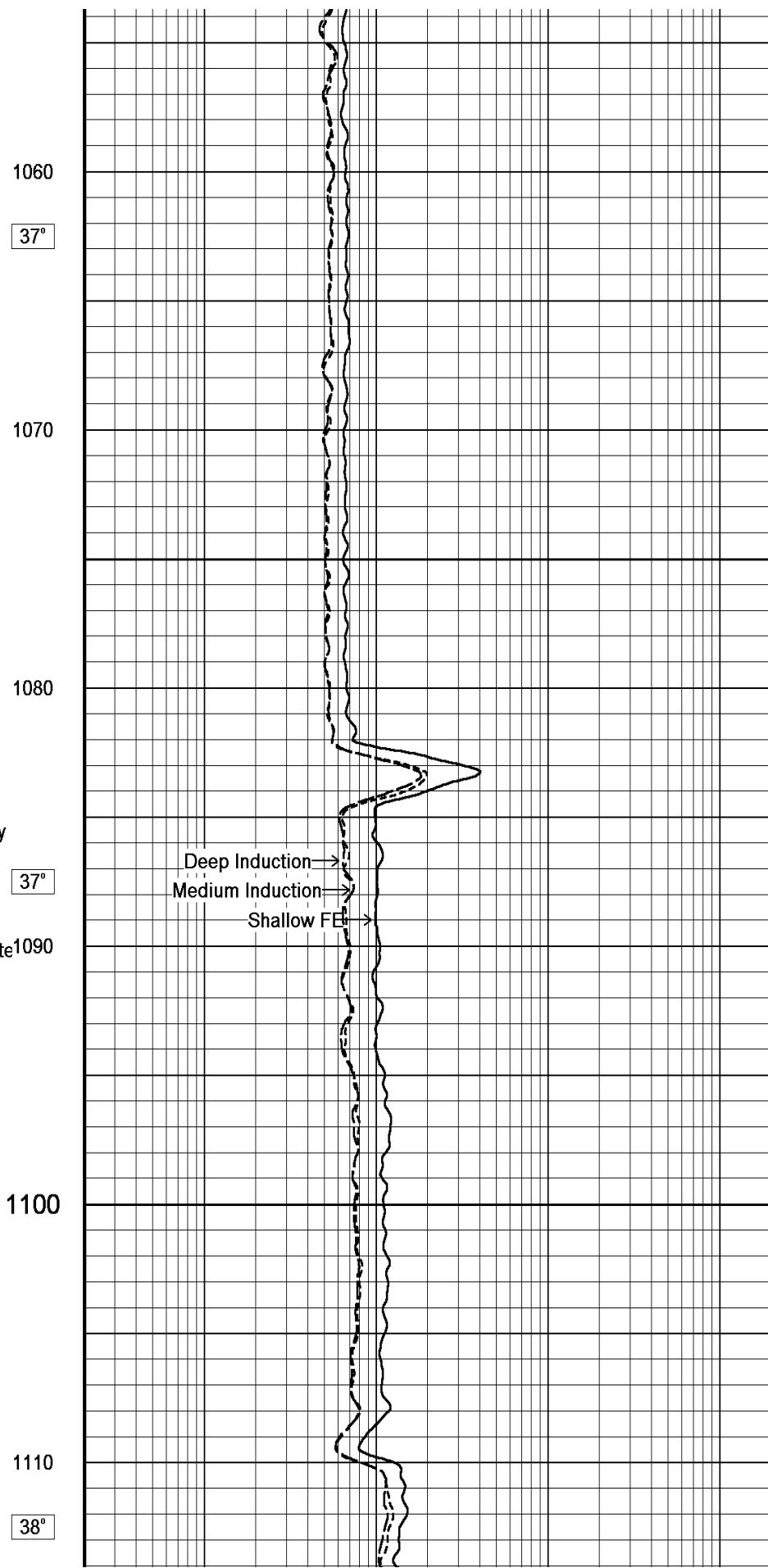
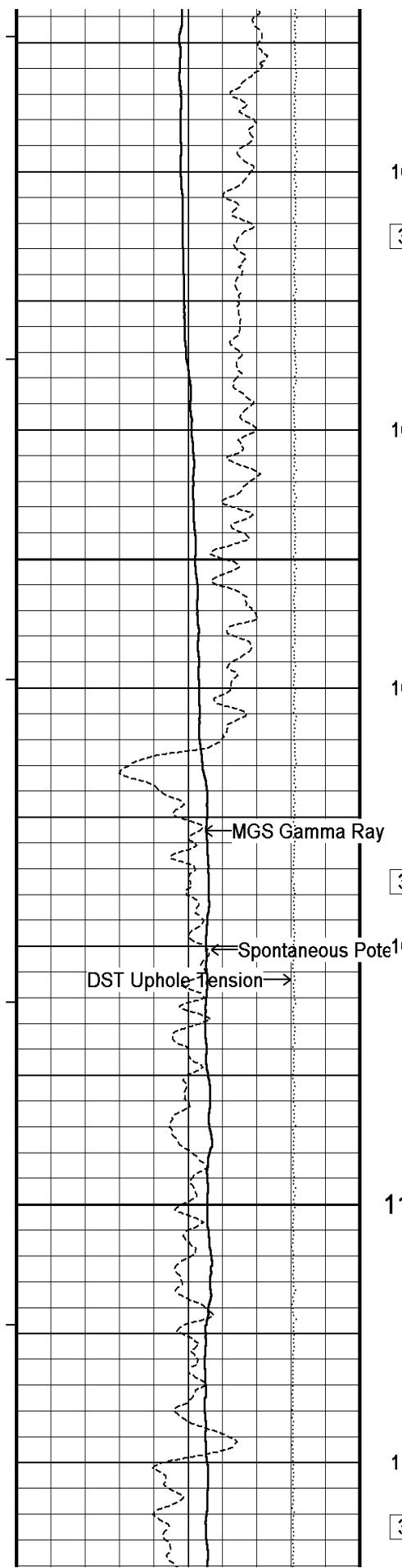


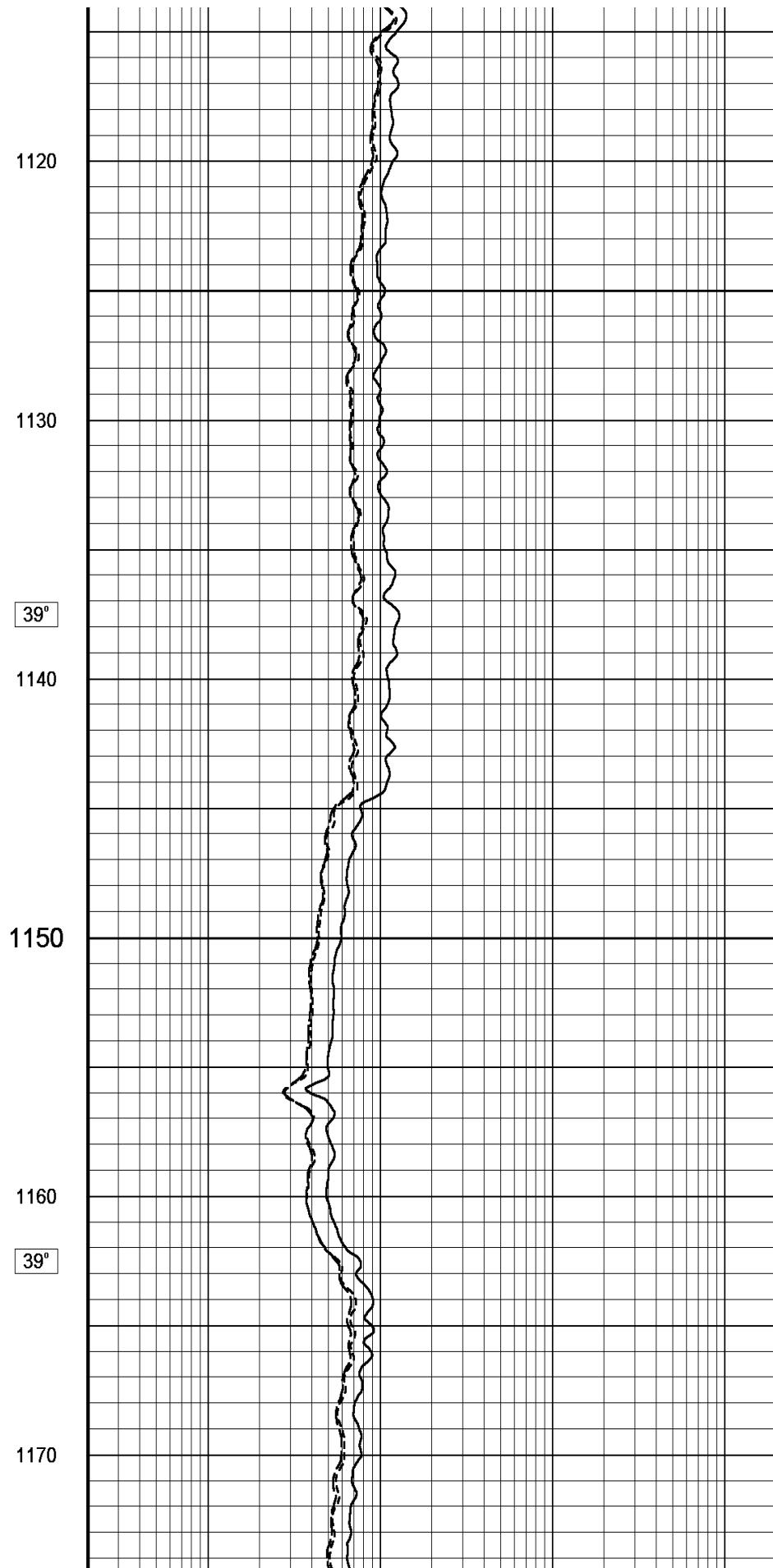
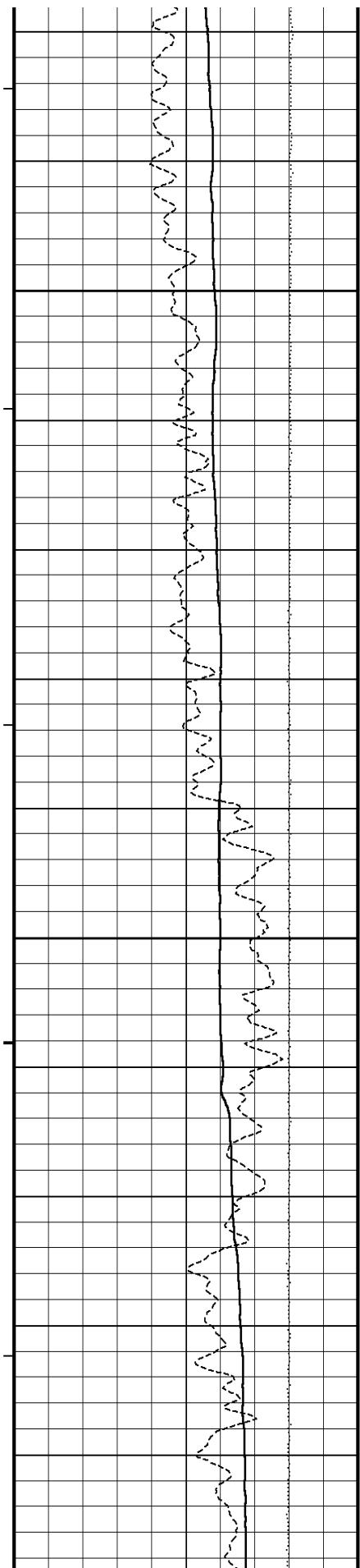


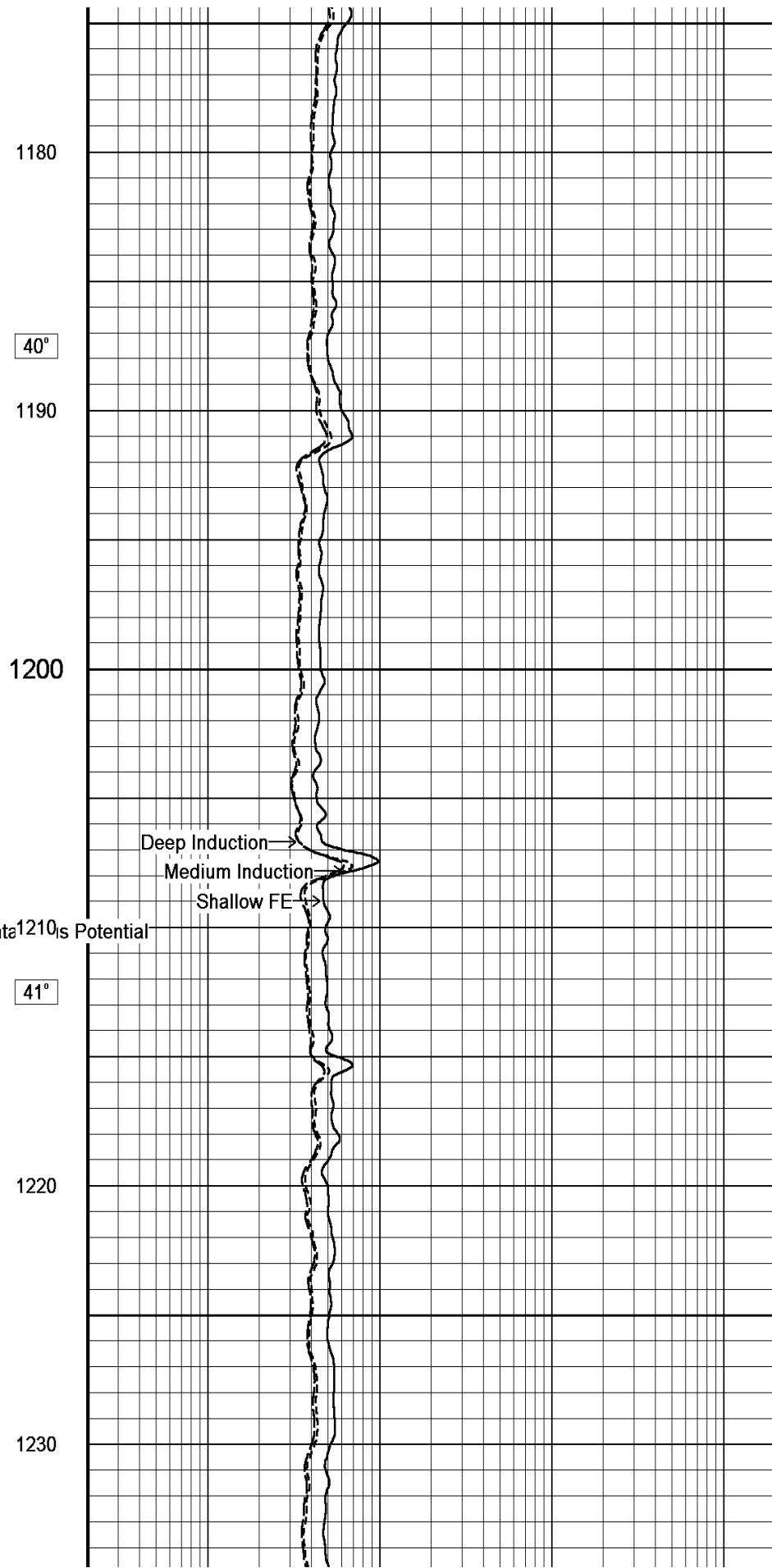
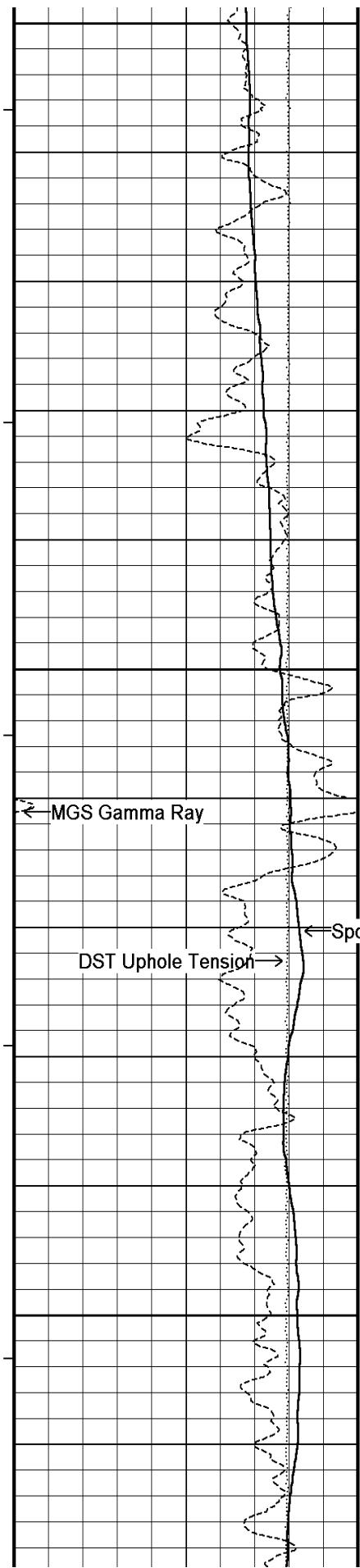


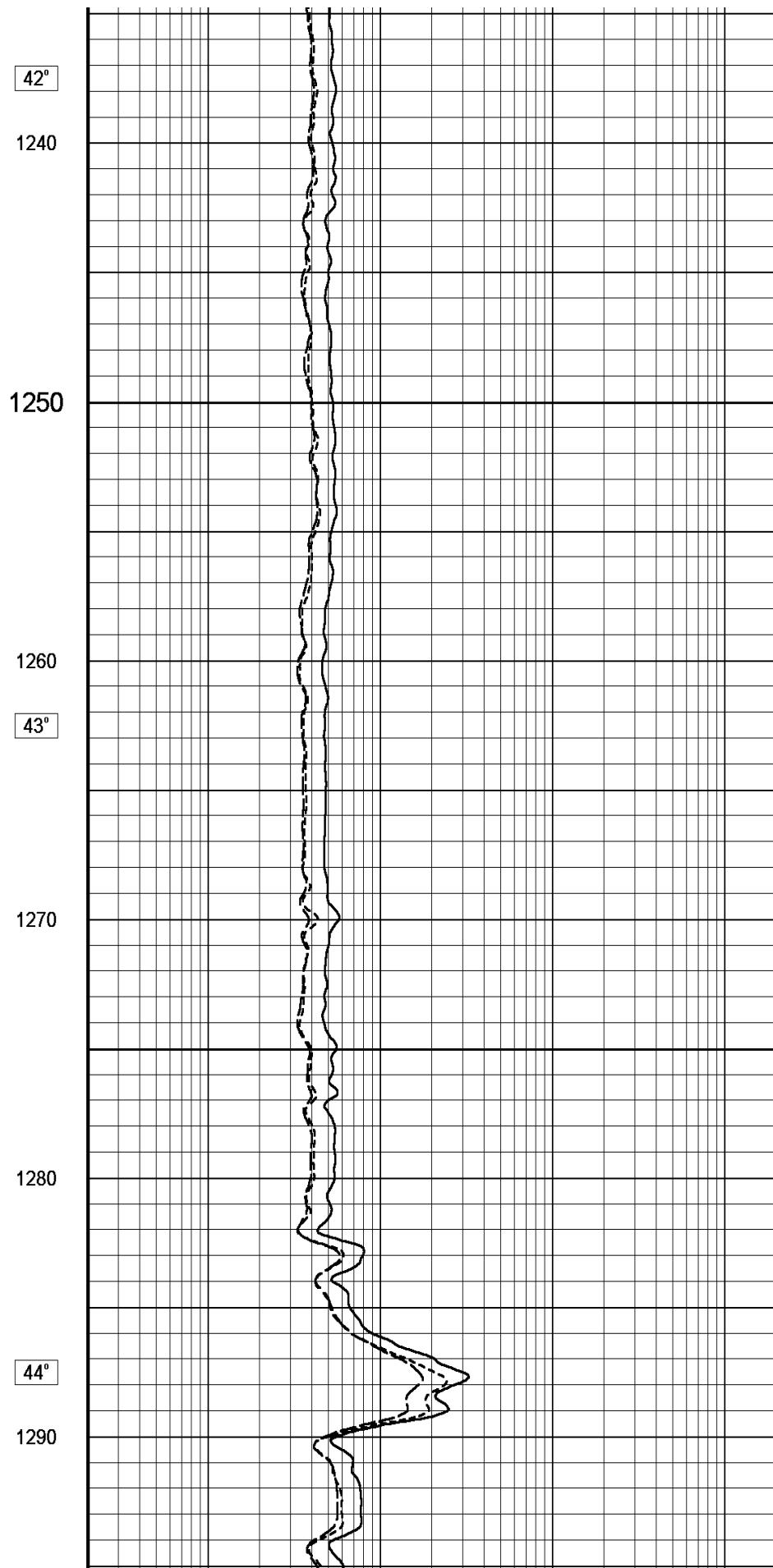
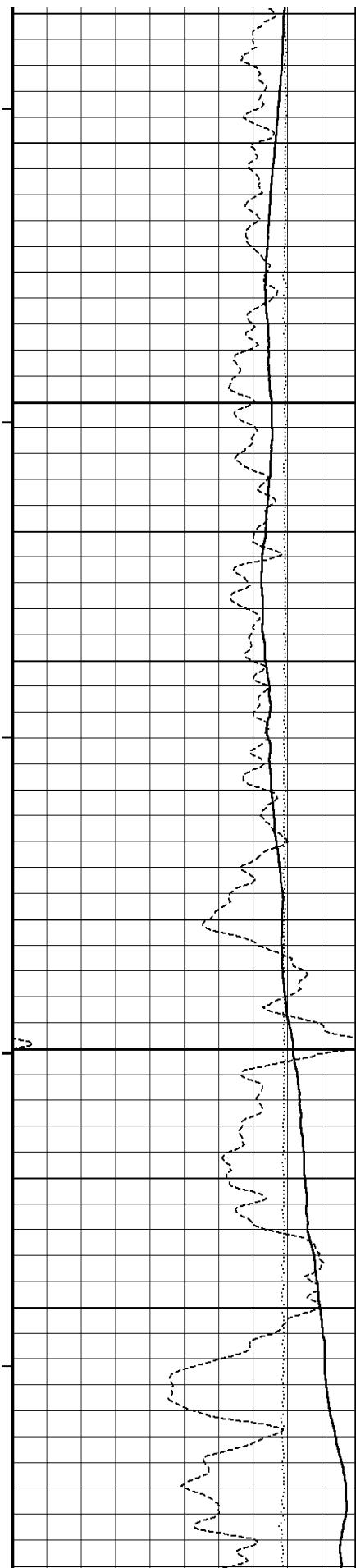


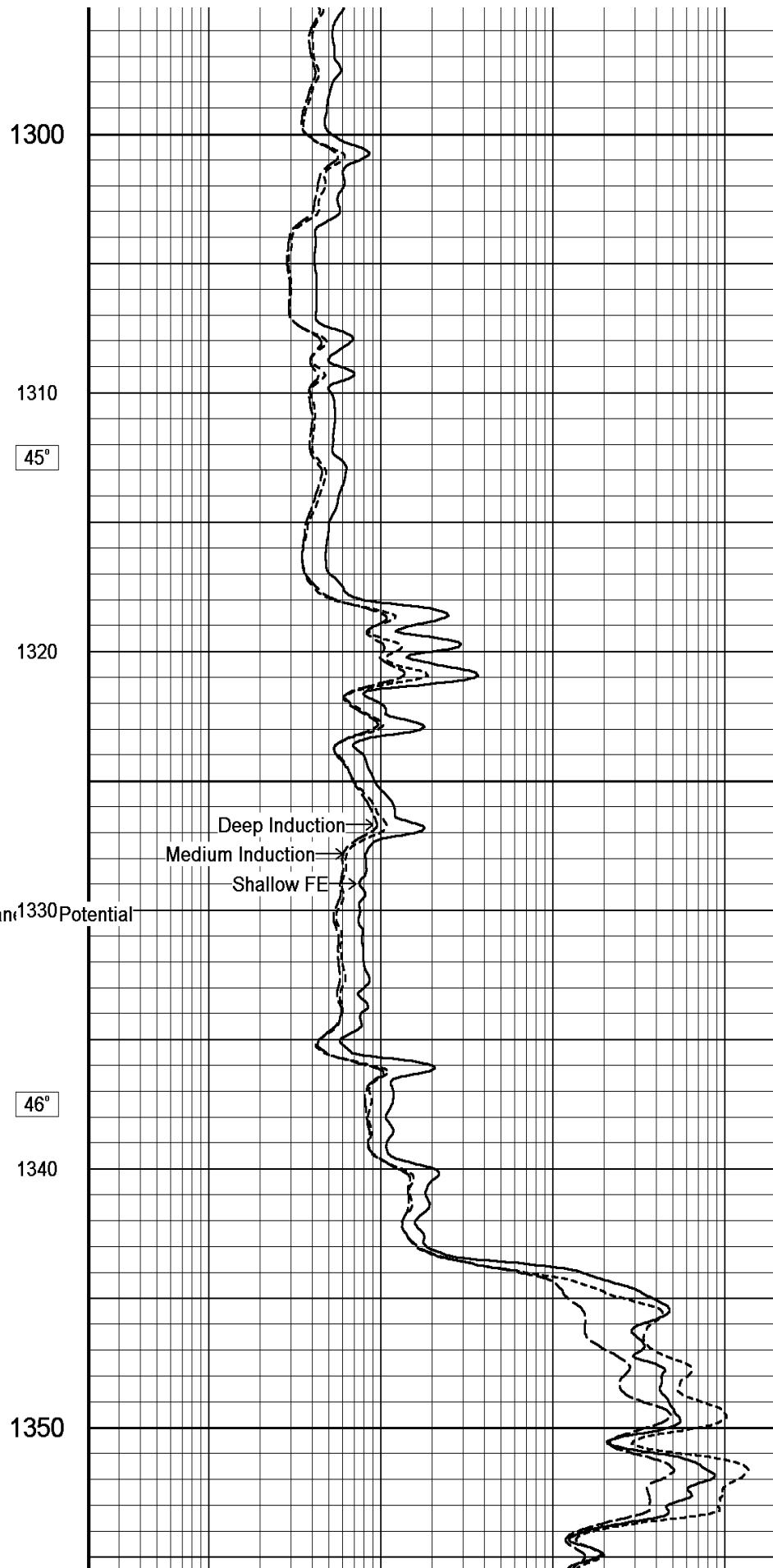
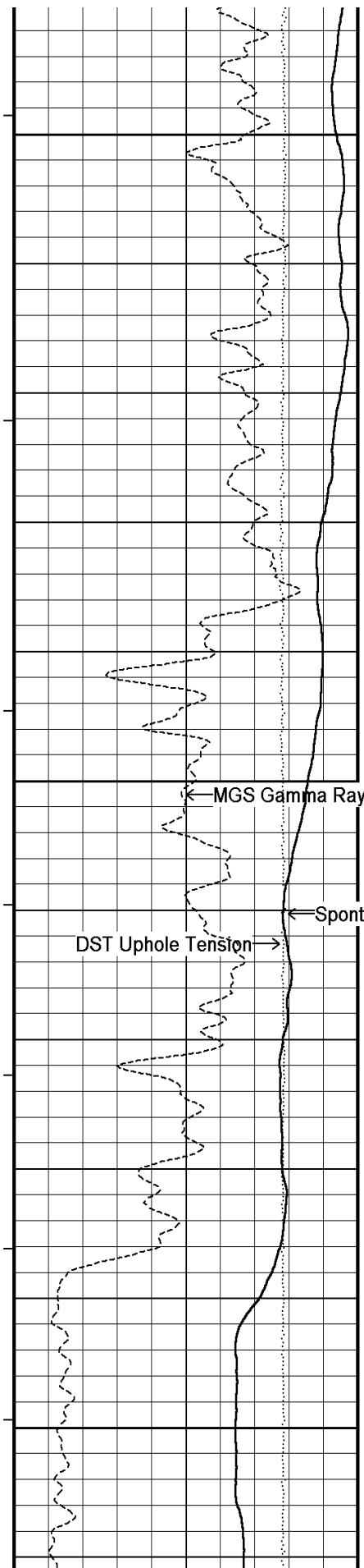


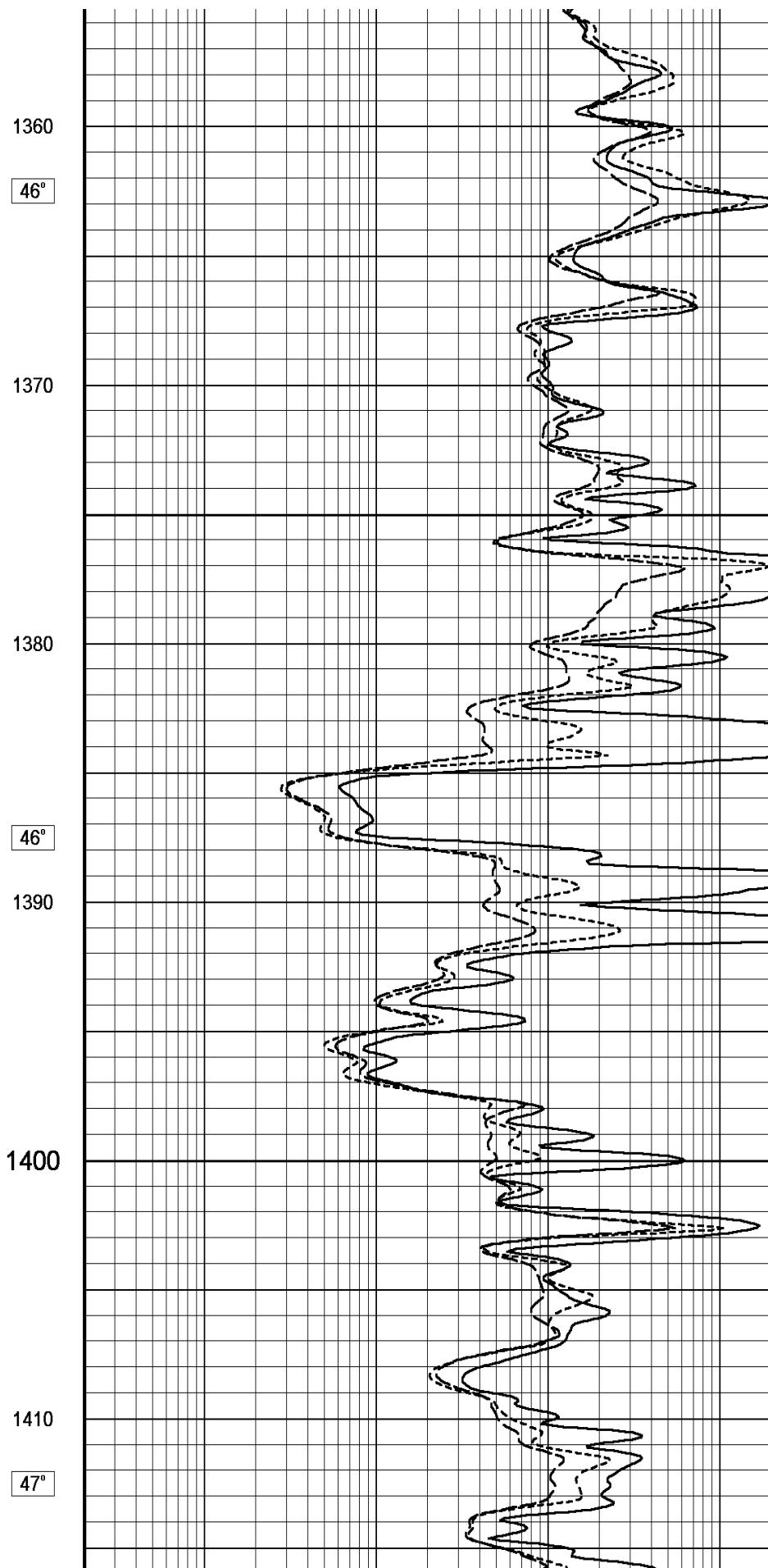
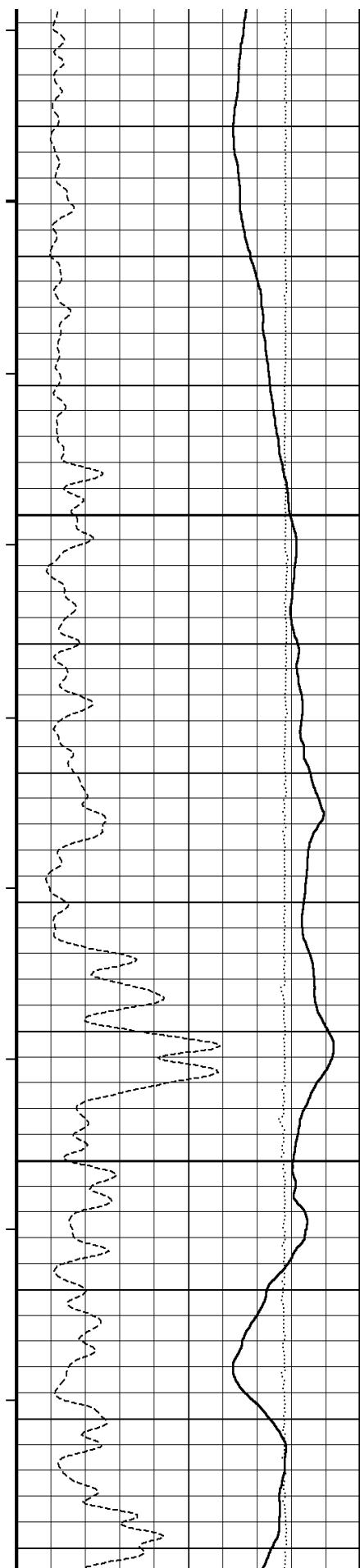


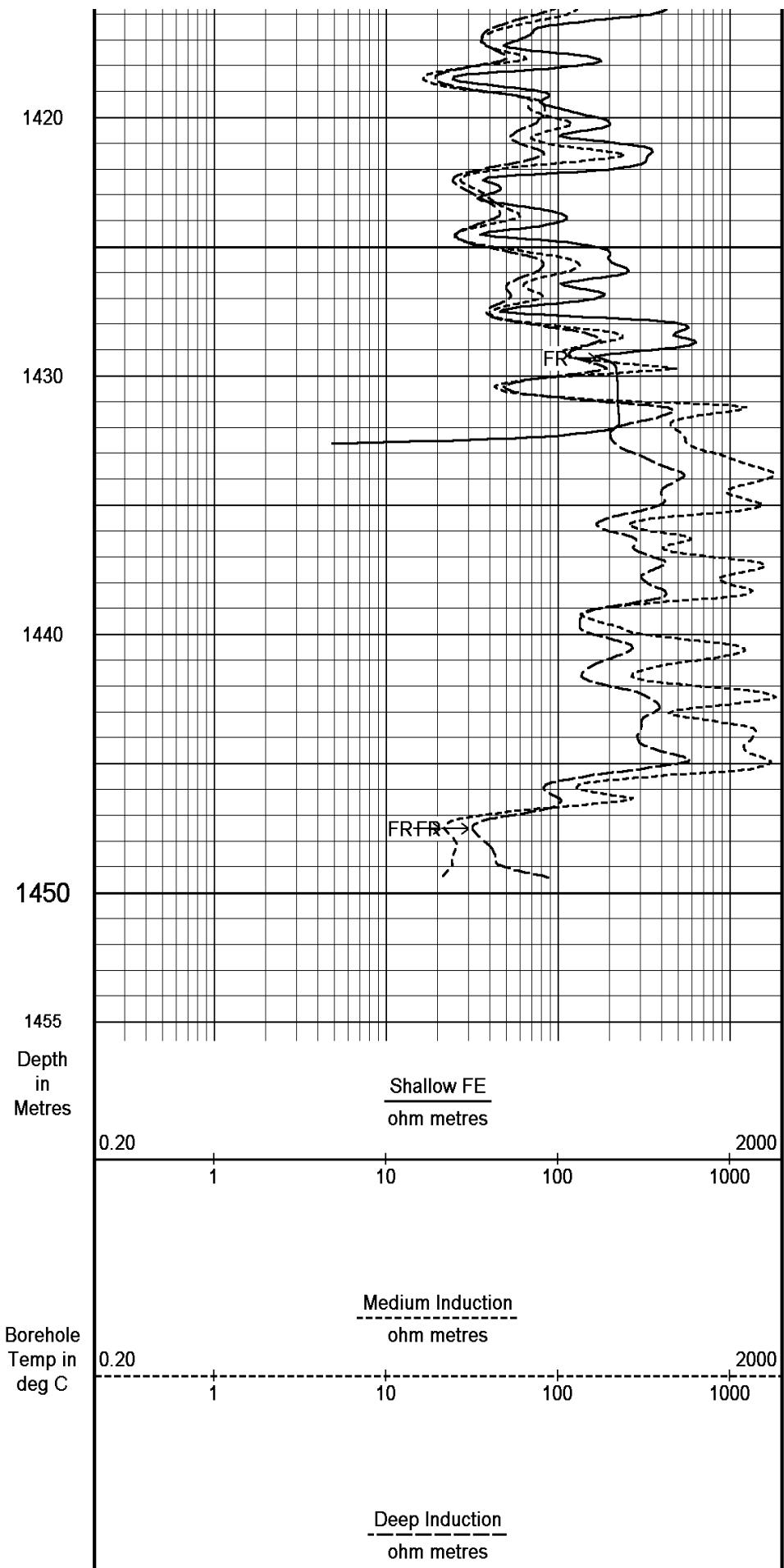
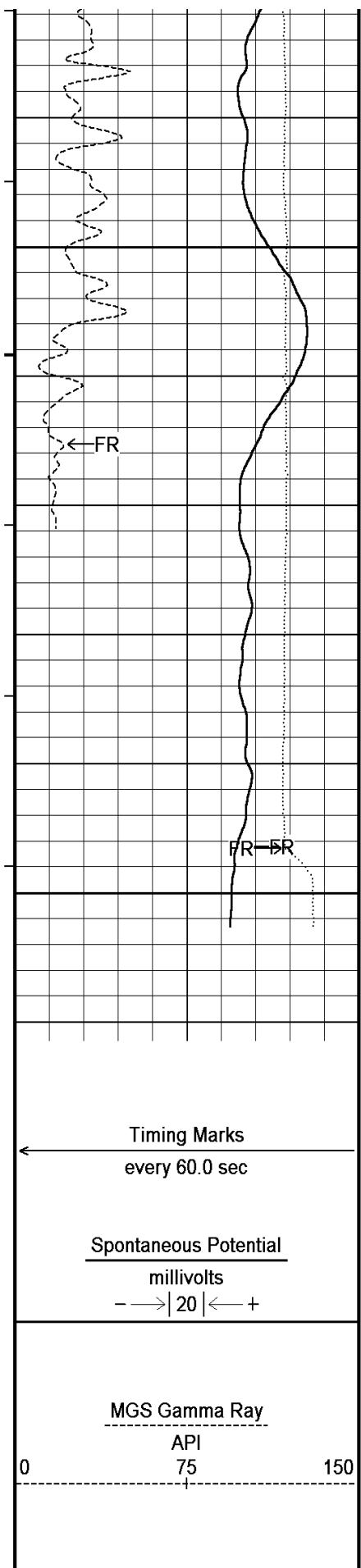












DST Uphole Tension
pounds
3000 0

Replay
Scale
1:240

0.20

1 10 100 1000 2000

Depth Based Data - Maximum Sampling Increment 10.0cm

Plotted on 12-NOV-2007 11:20

Filename: C:\Temp\Weatherford PreView\0\l-73 main.dta

Recorded on 28-FEB-2007 02:28

System Versions: Logged with 7.01.0195 Processed with 7.01.0195 Plotted with 8.01.0091



MAIN LOG 1:240



REPEAT SECTION
MAIN LOG 1:240

Depth Based Data - Maximum Sampling Increment 10.0cm

Plotted on 12-NOV-2007 11:20

Filename: C:\Temp\Weatherford PreView\0\l-73 rpt.dta

Recorded on 28-FEB-2007 01:43

Filename: C:\Temp\Weatherford PreView\0\l-73 main.dta

Recorded on 28-FEB-2007 02:28

System Versions: Logged with 7.01.0195 Processed with 7.01.0195 Plotted with 8.01.0091

← Timing Marks
every 60.0 sec

Depth
in
Metres

0.20 1 10 100 1000 2000
Shallow FE
ohm metres

Spontaneous Potential
millivolts
- → | 20 | ← +

Borehole
Temp in
deg C

0.20 1 10 100 1000 2000
Medium Induction
ohm metres

MGS Gamma Ray
API
0 75 150

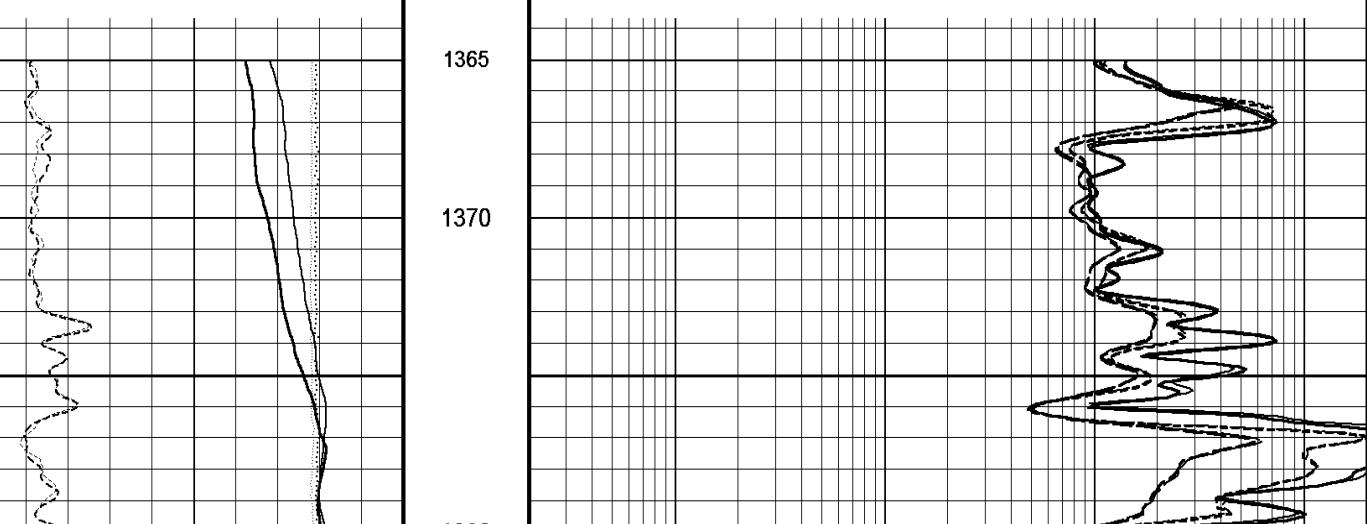
DST Uphole Tension
pounds
3000 0
Replay
Scale
1:240

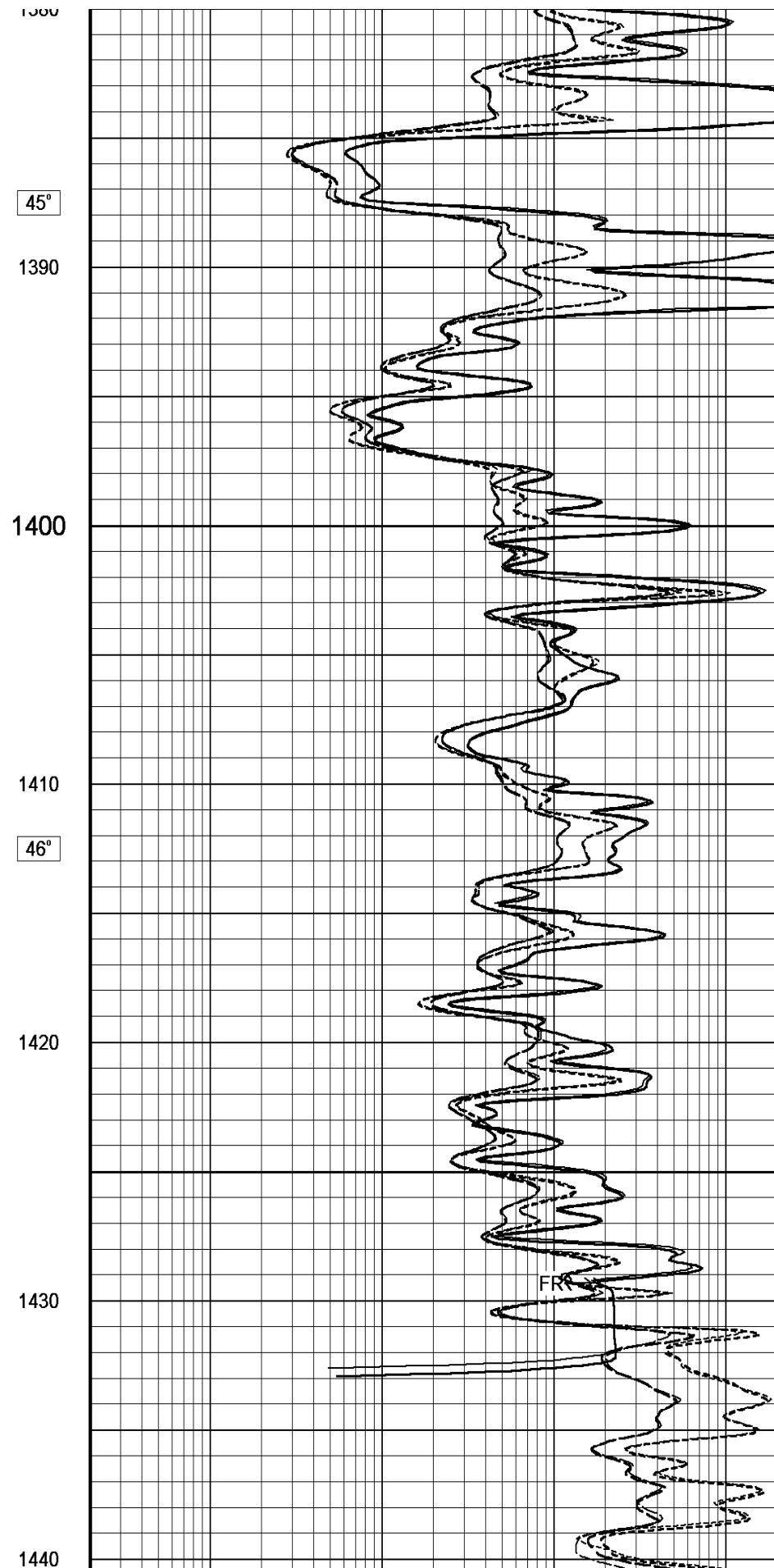
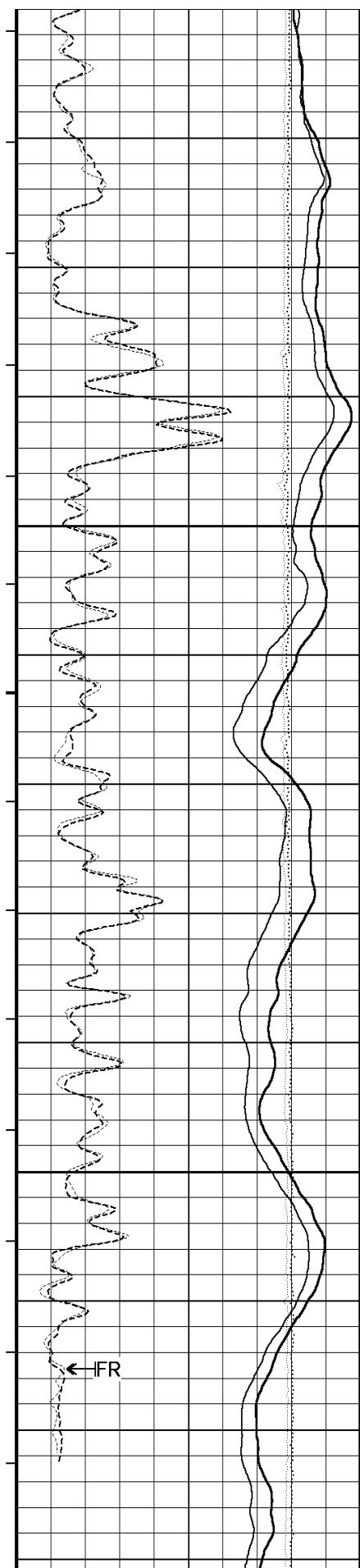
0.20 1 10 100 1000 2000
Deep Induction
ohm metres

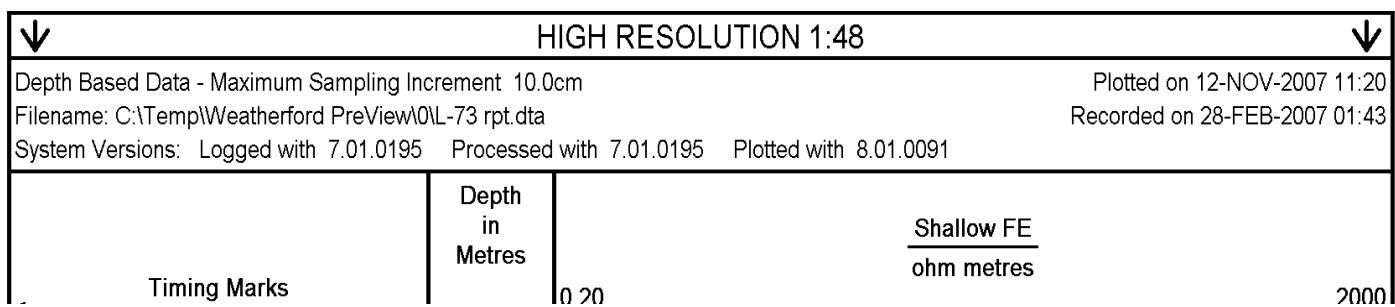
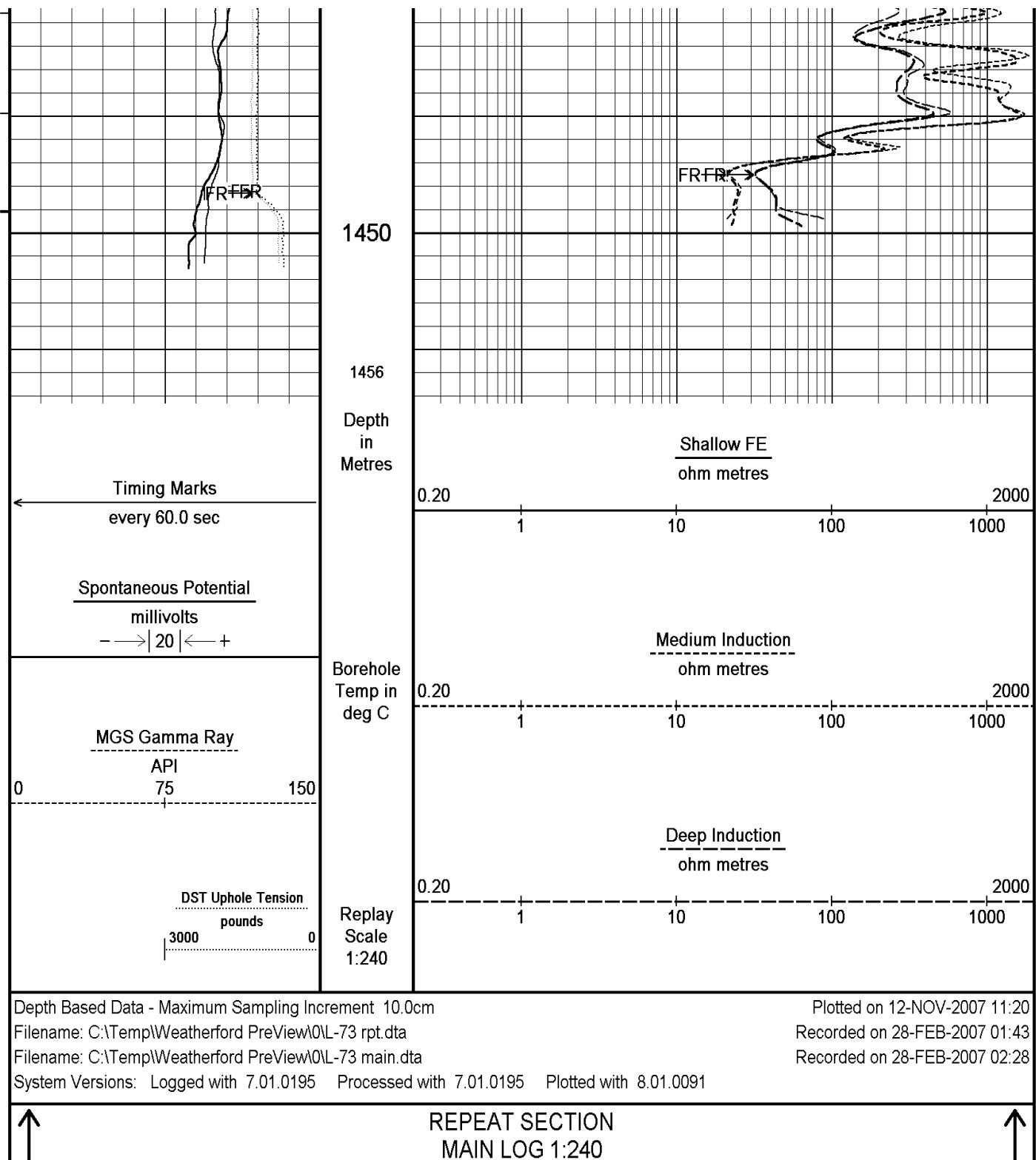
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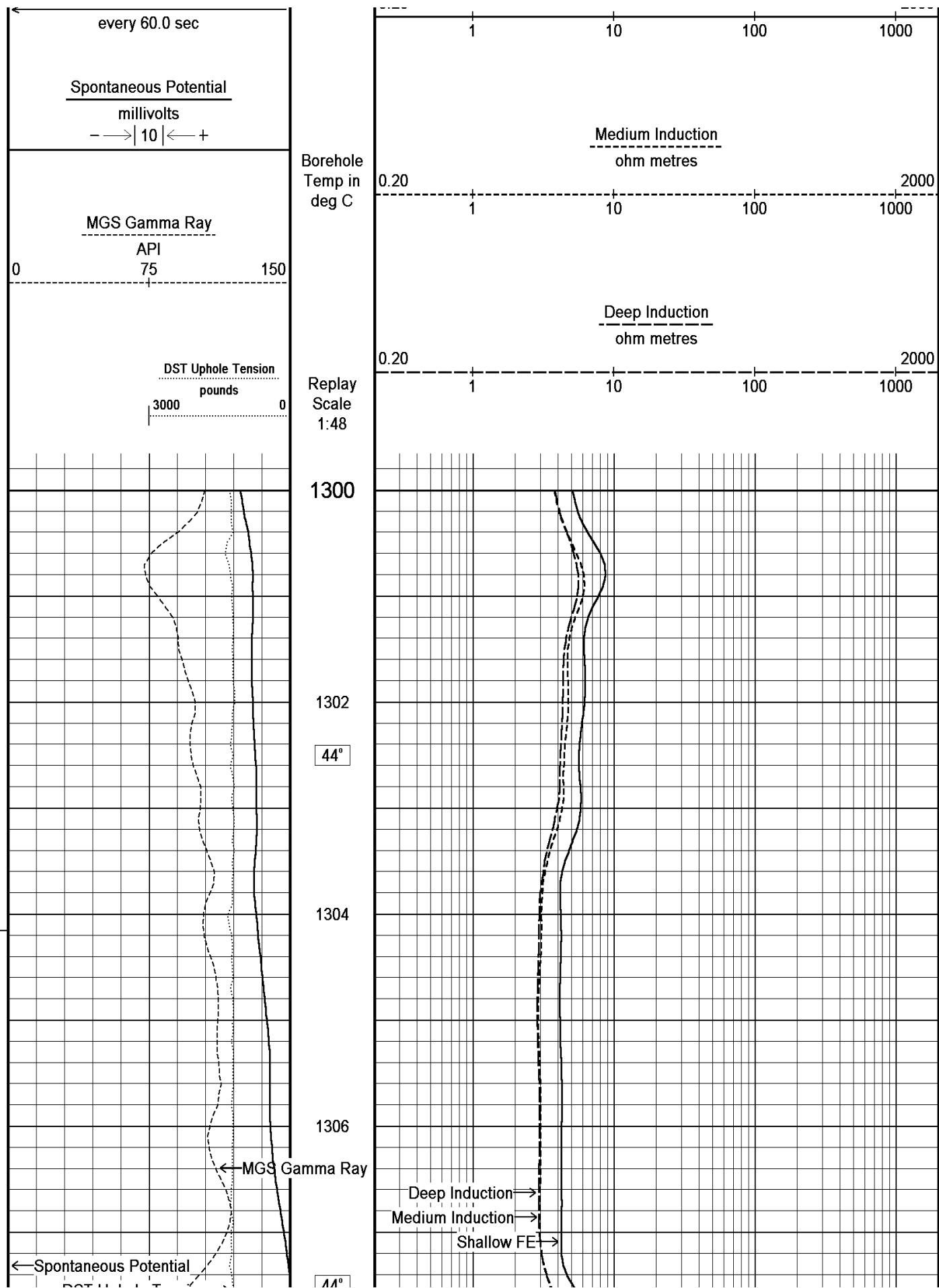
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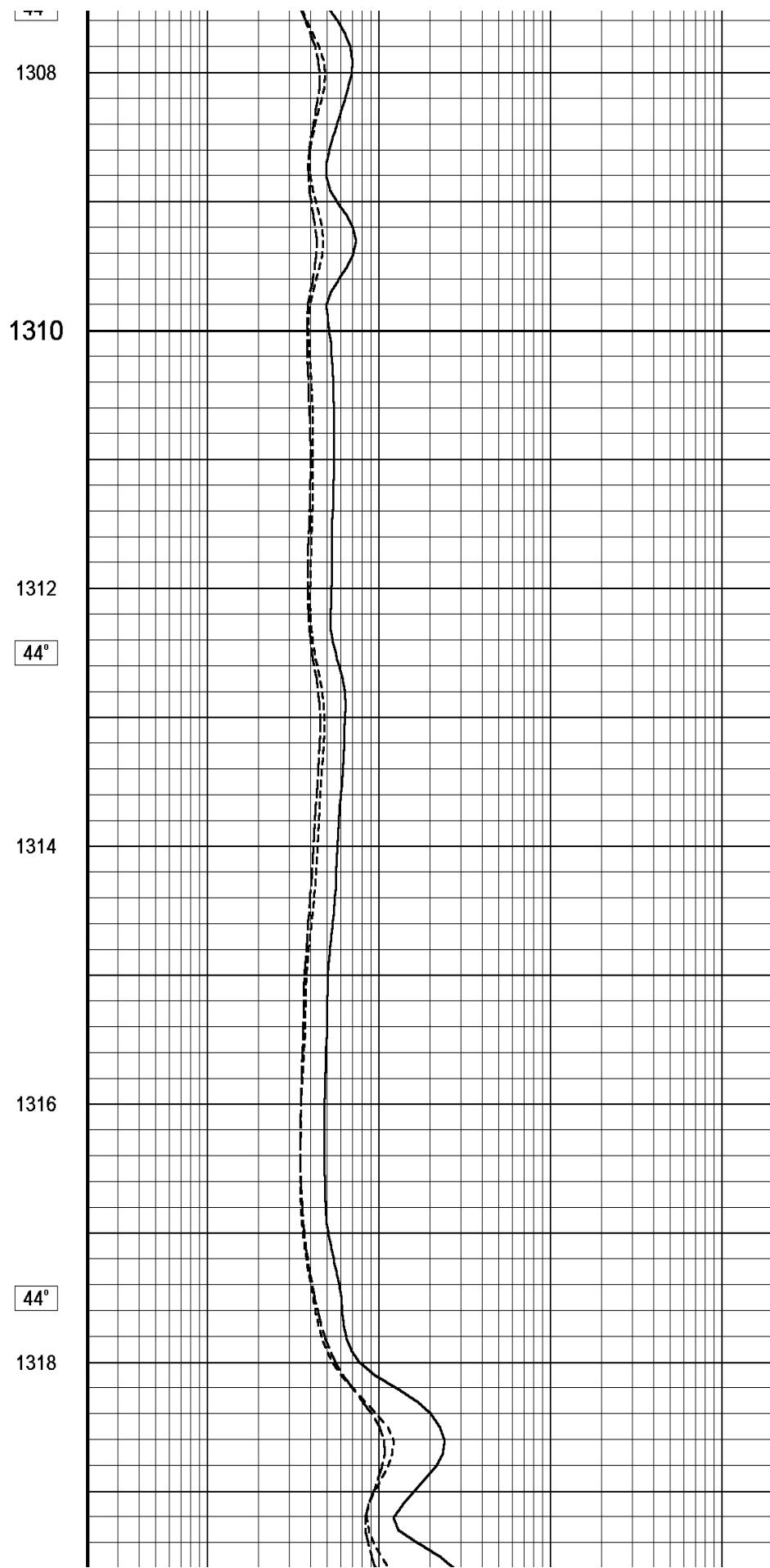
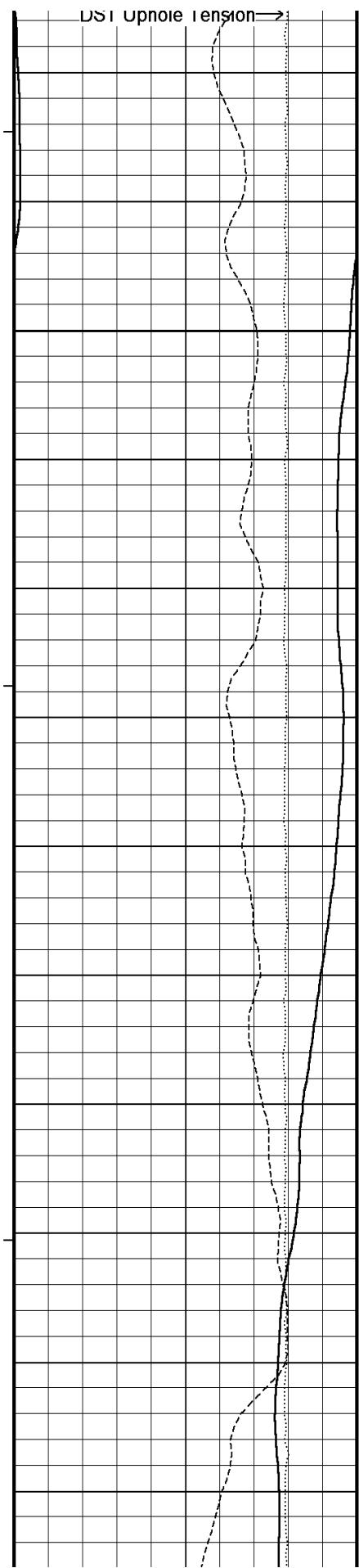
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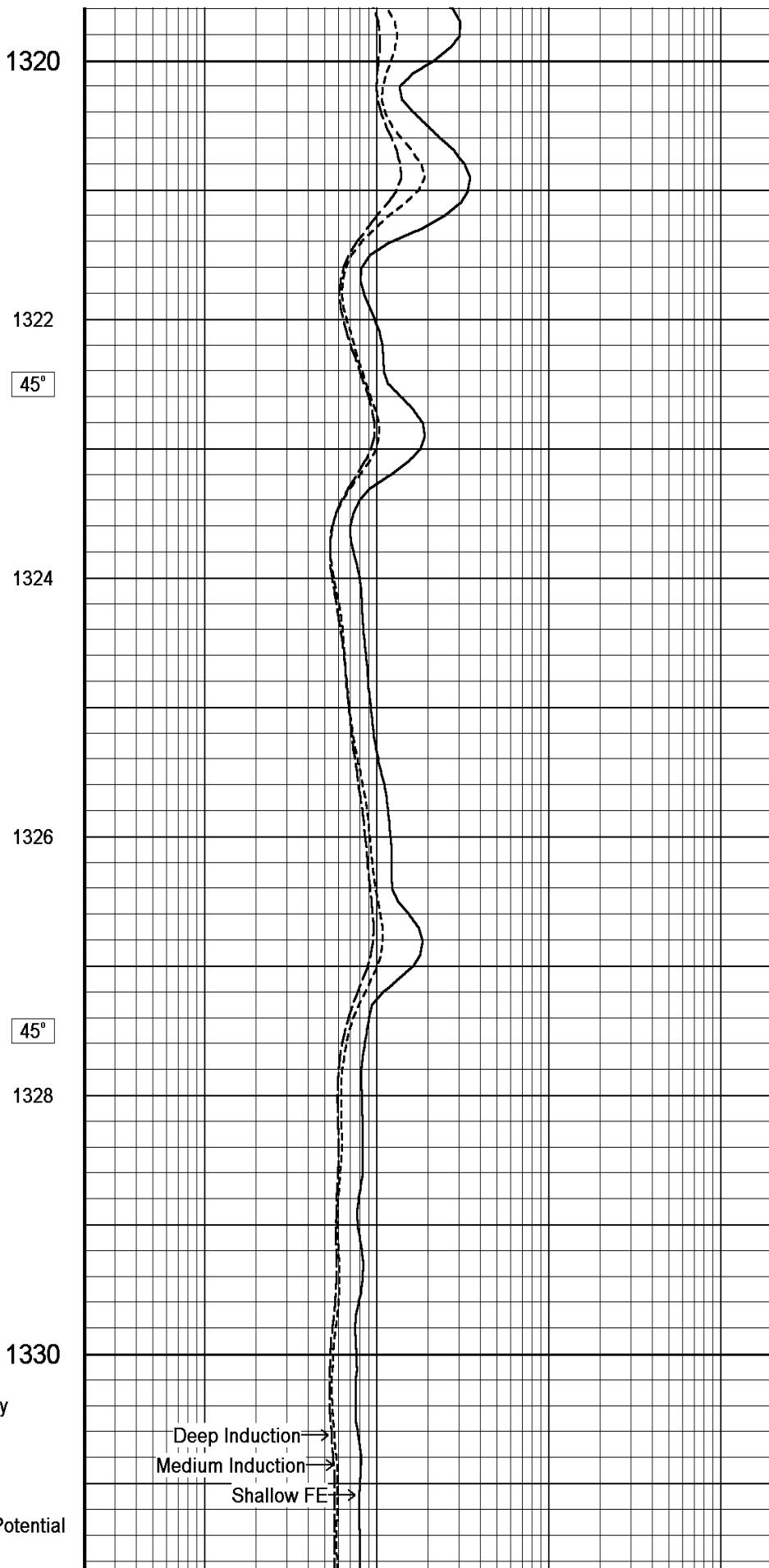
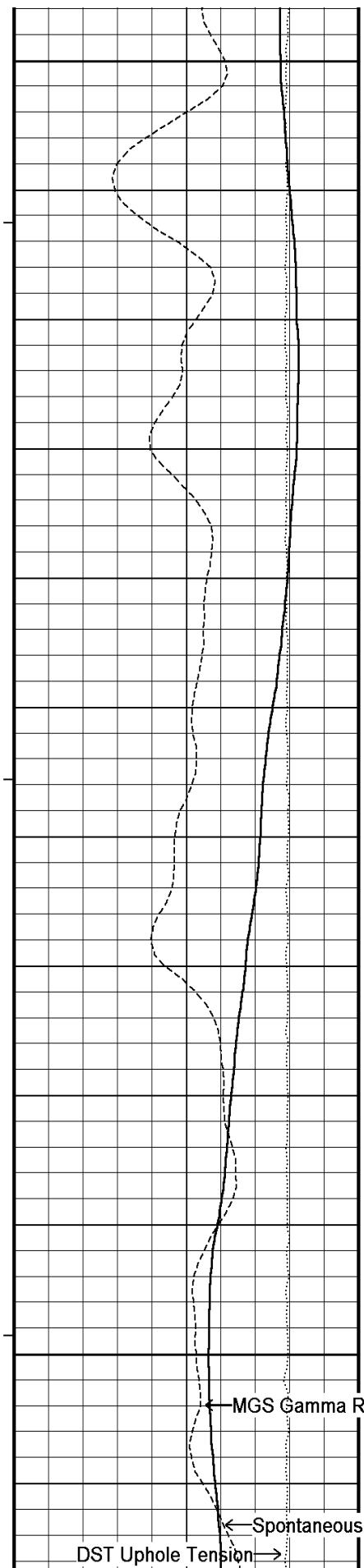


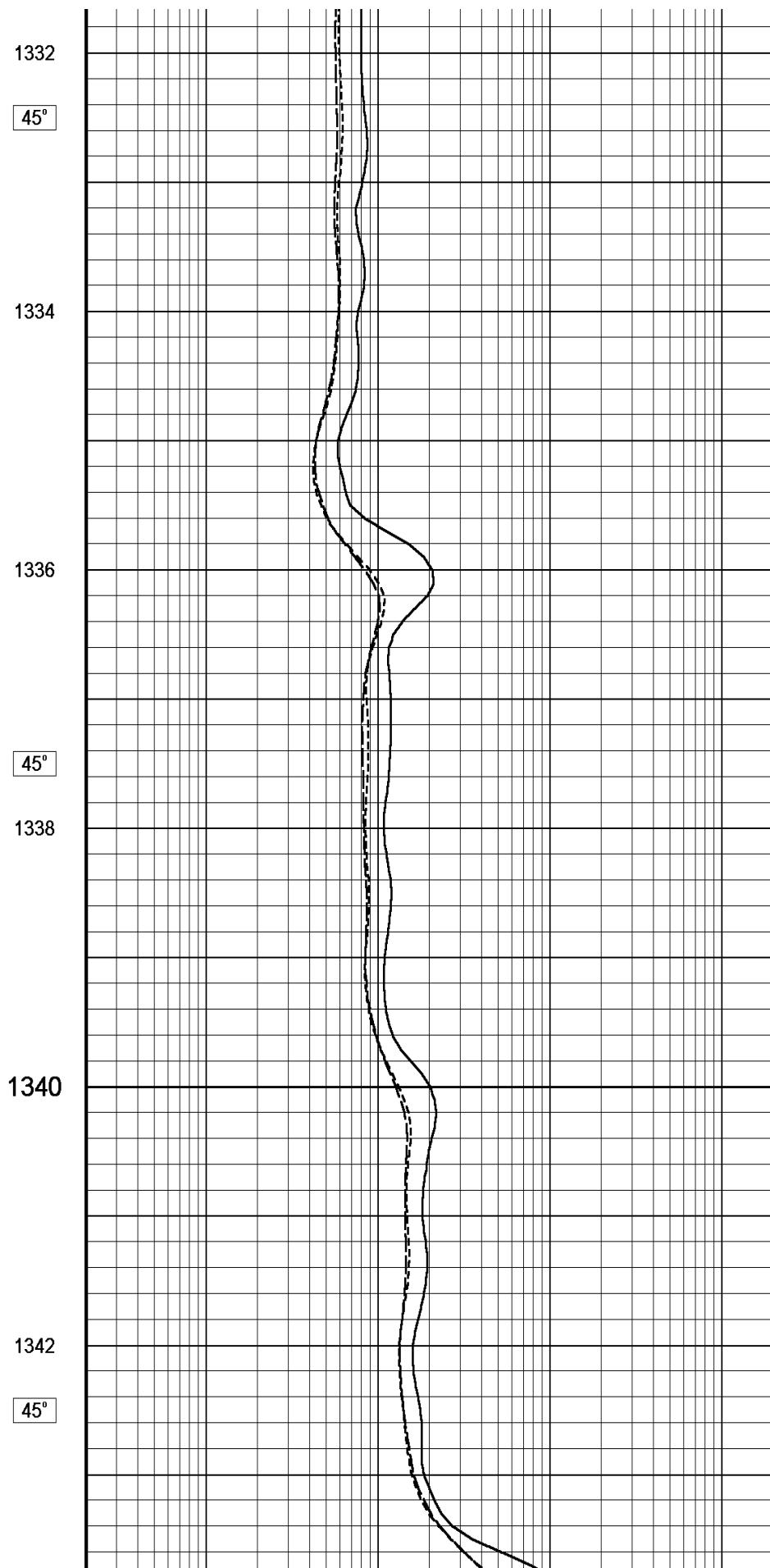
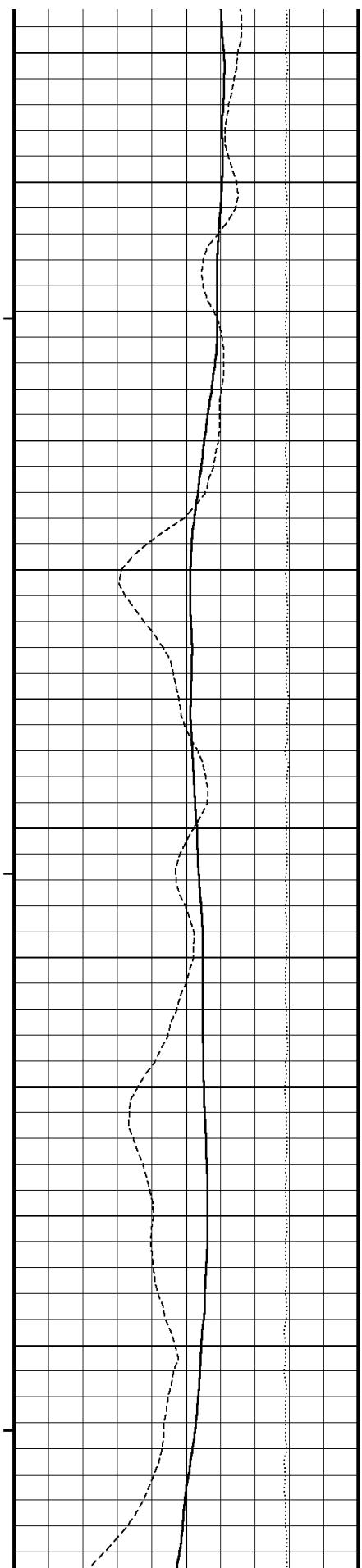


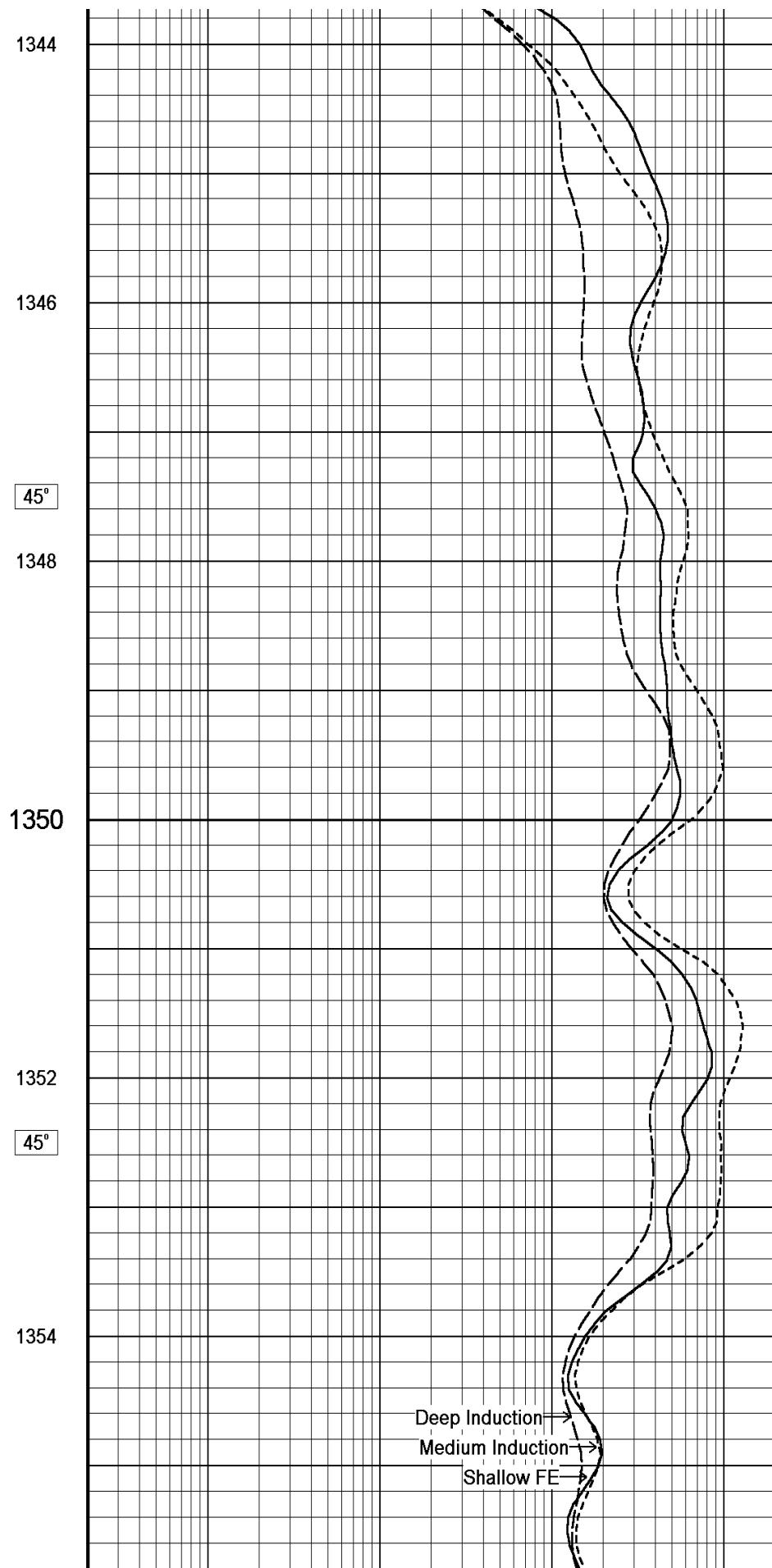
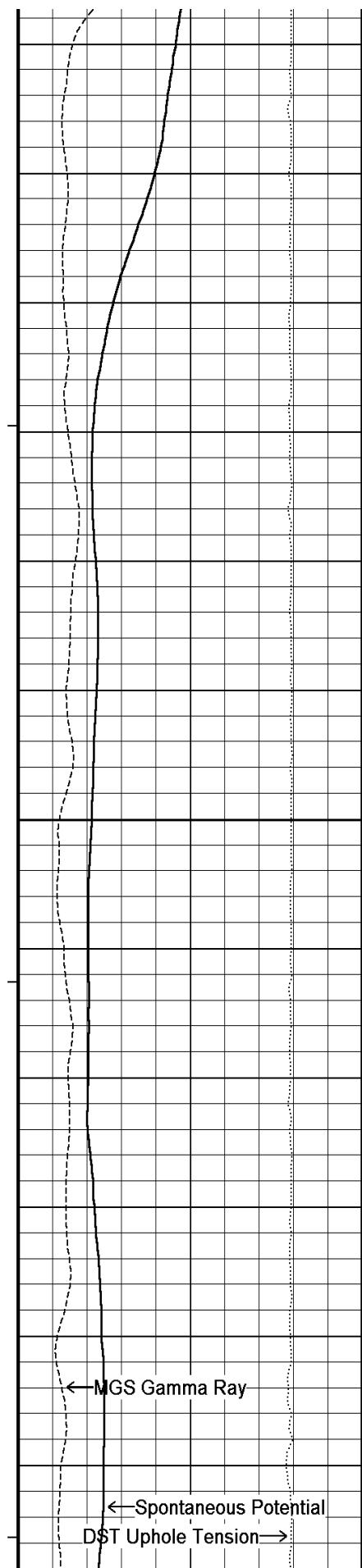


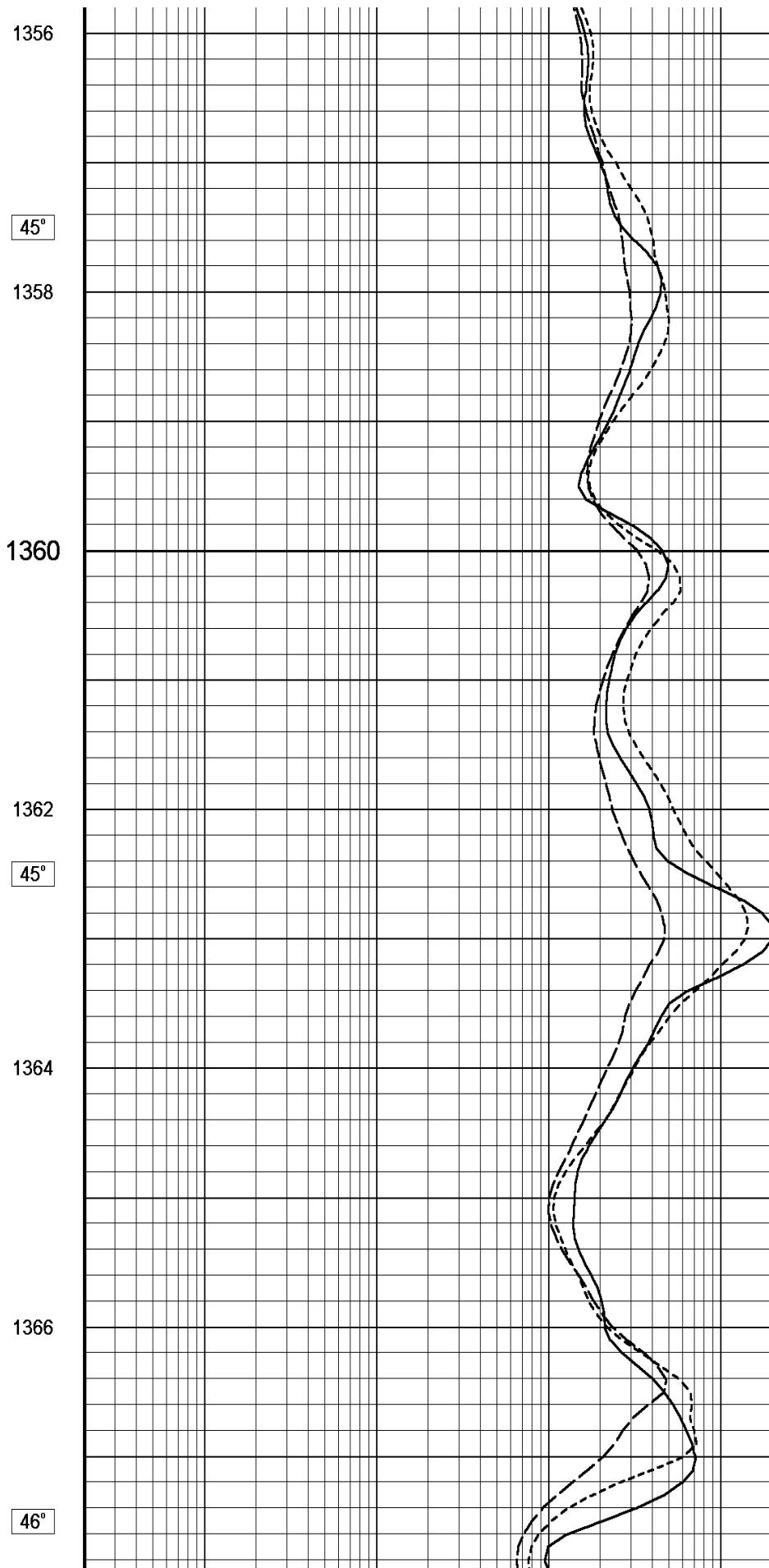
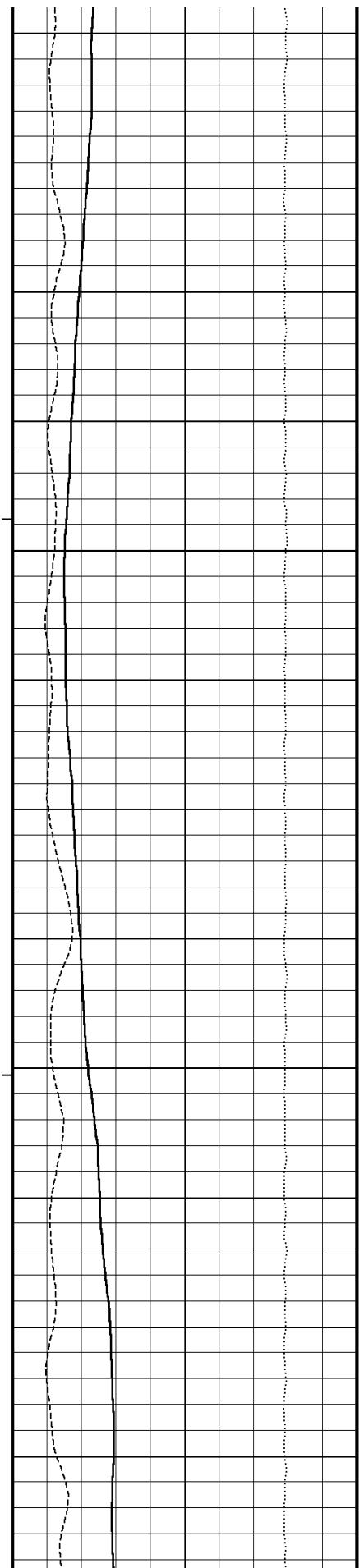


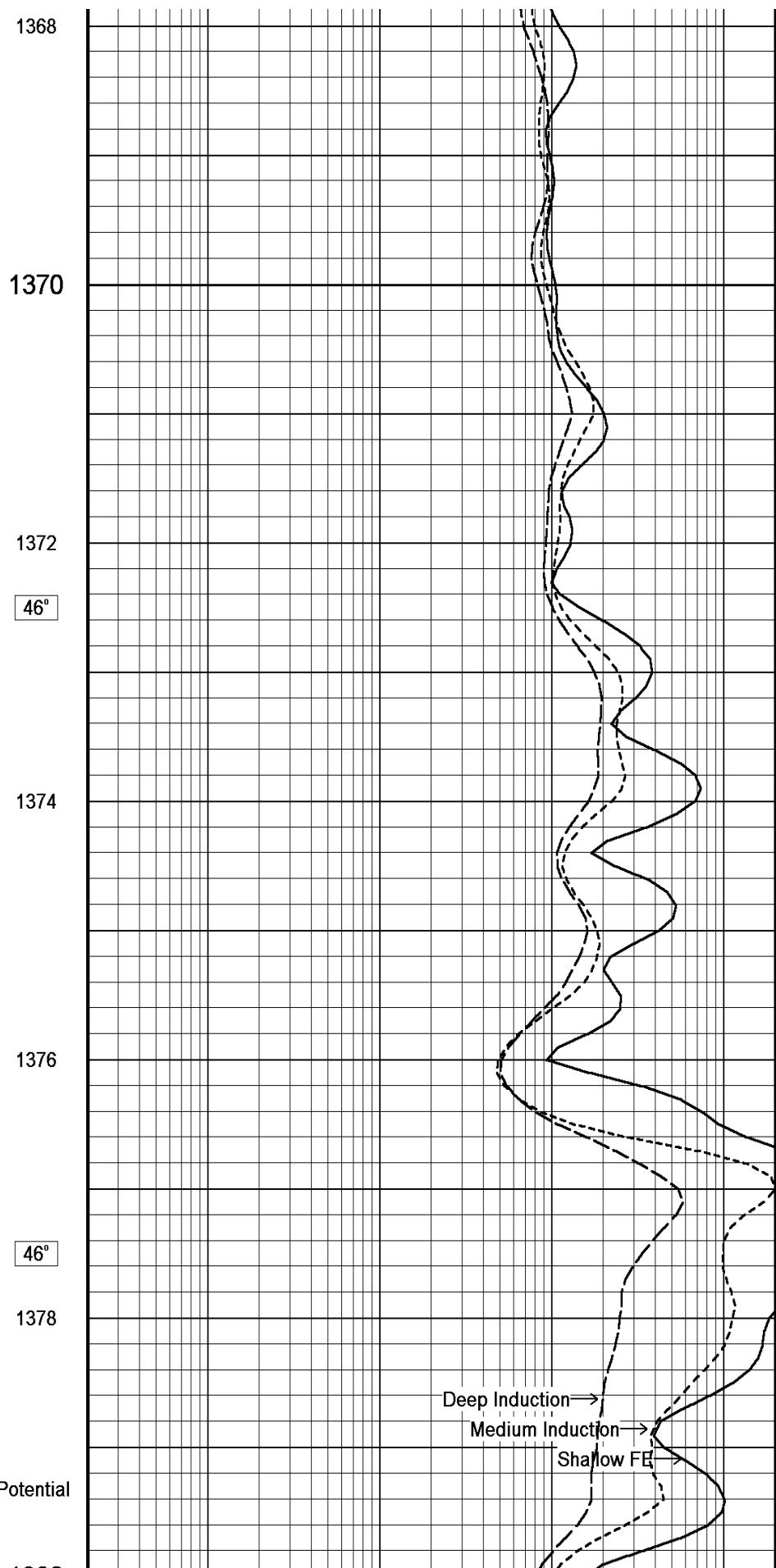
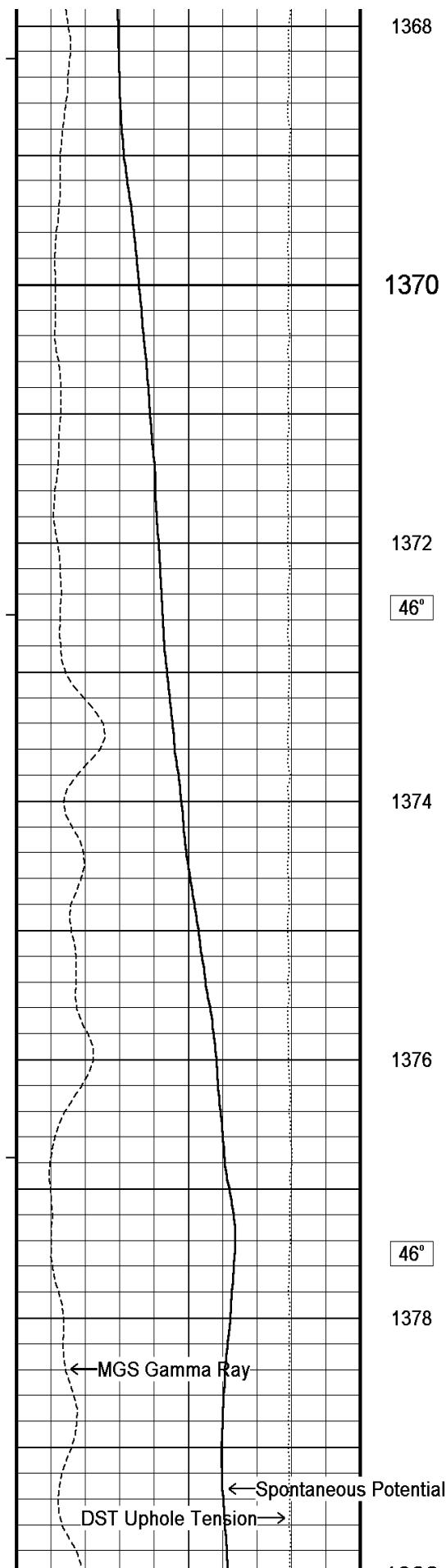


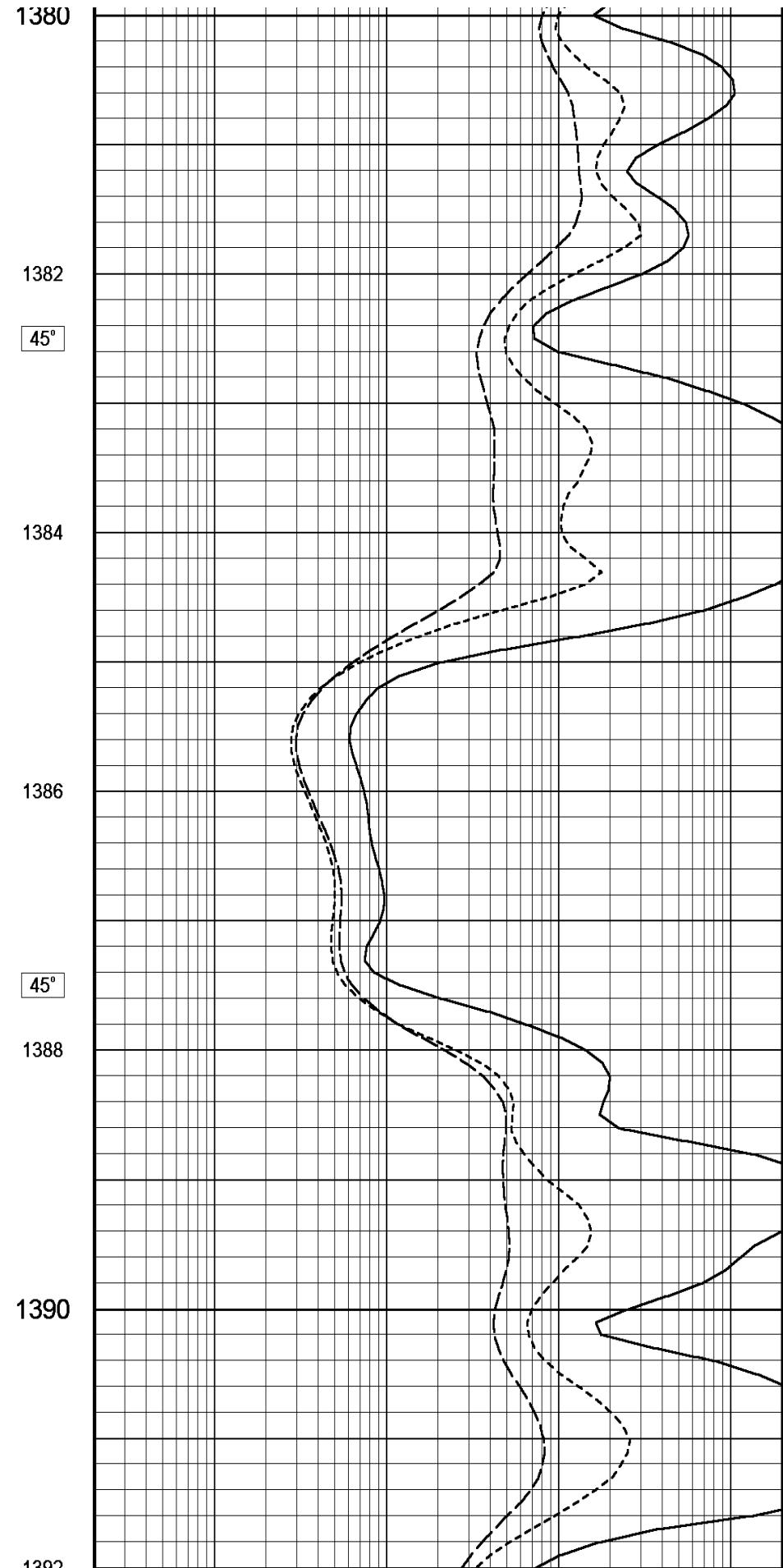
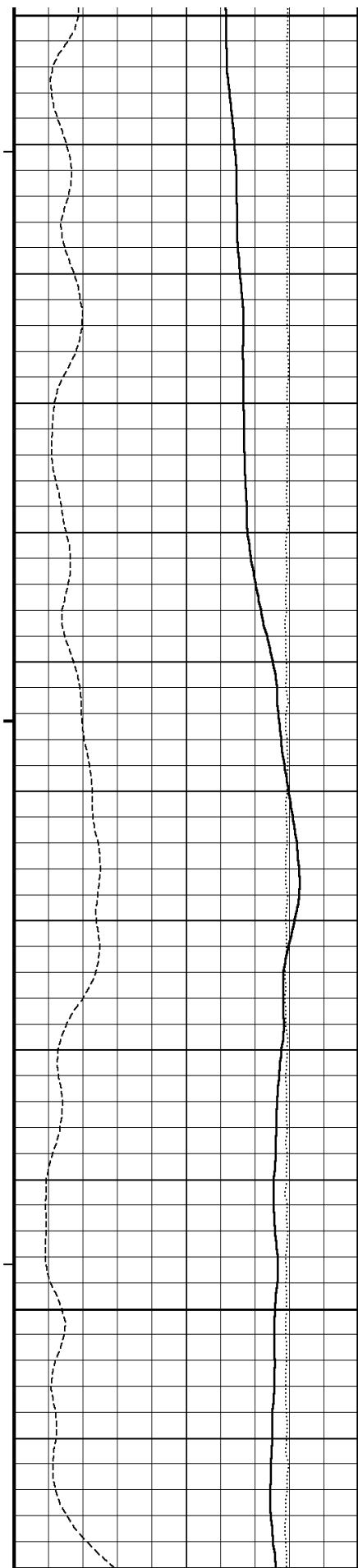


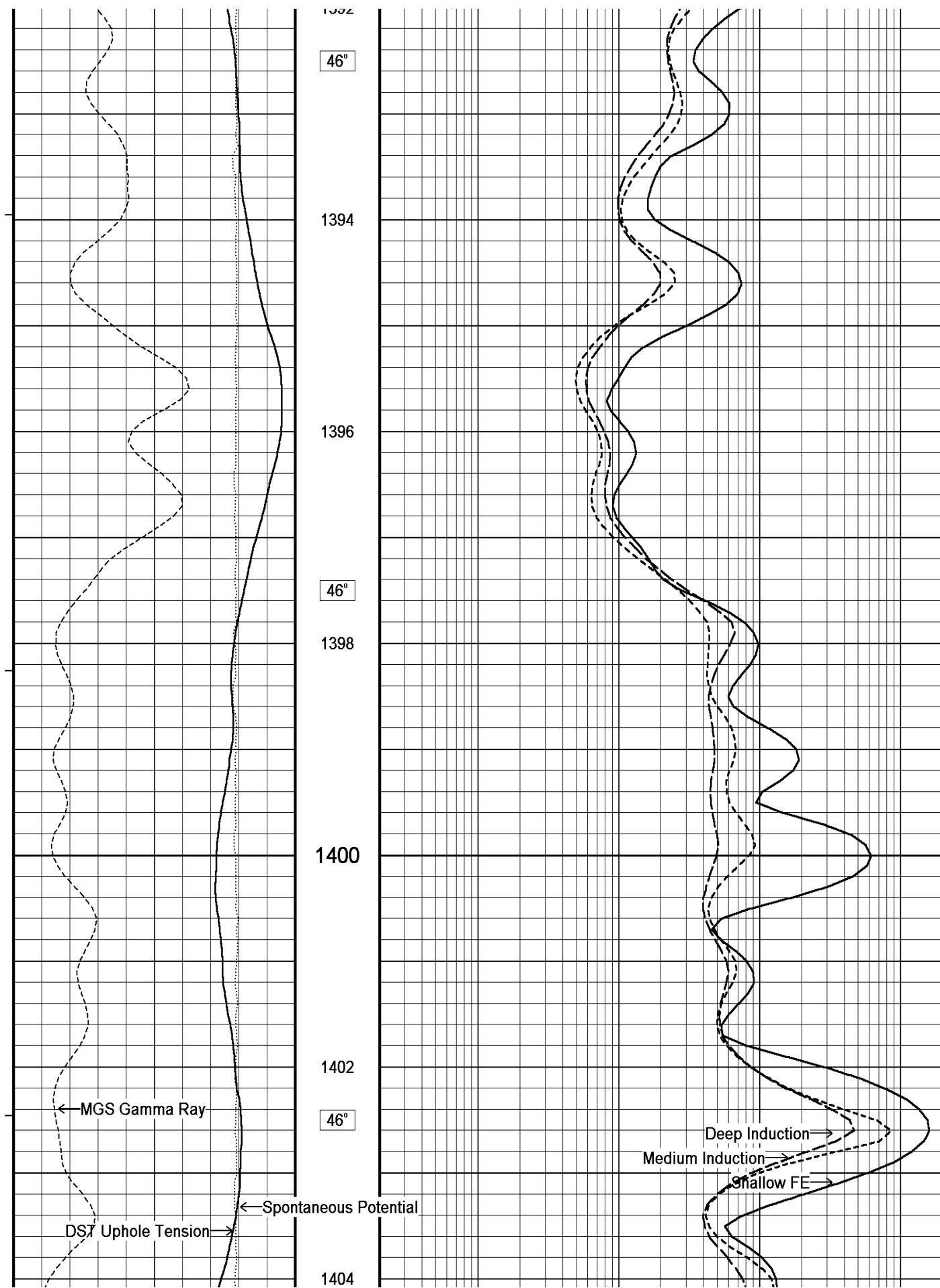


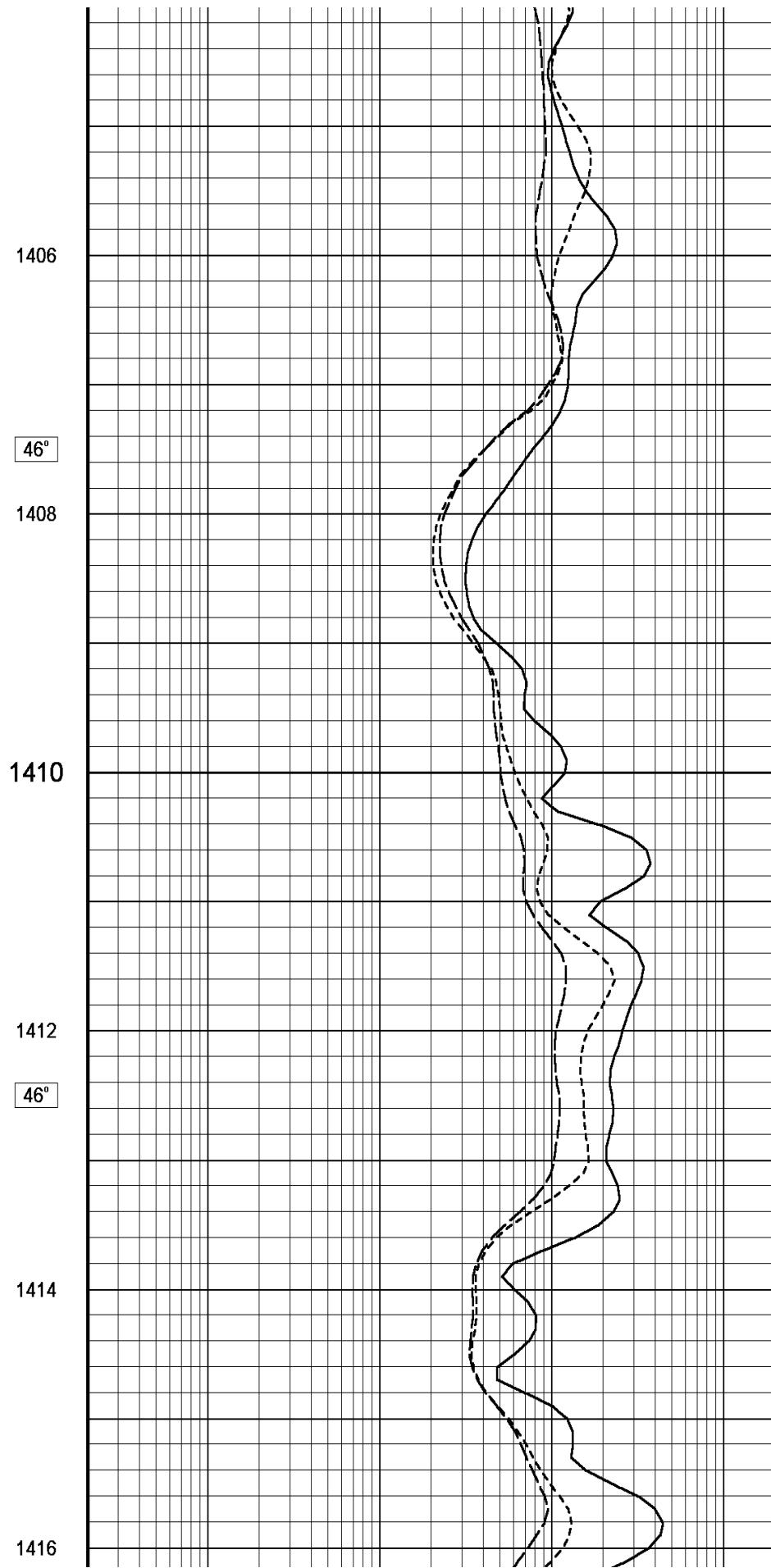
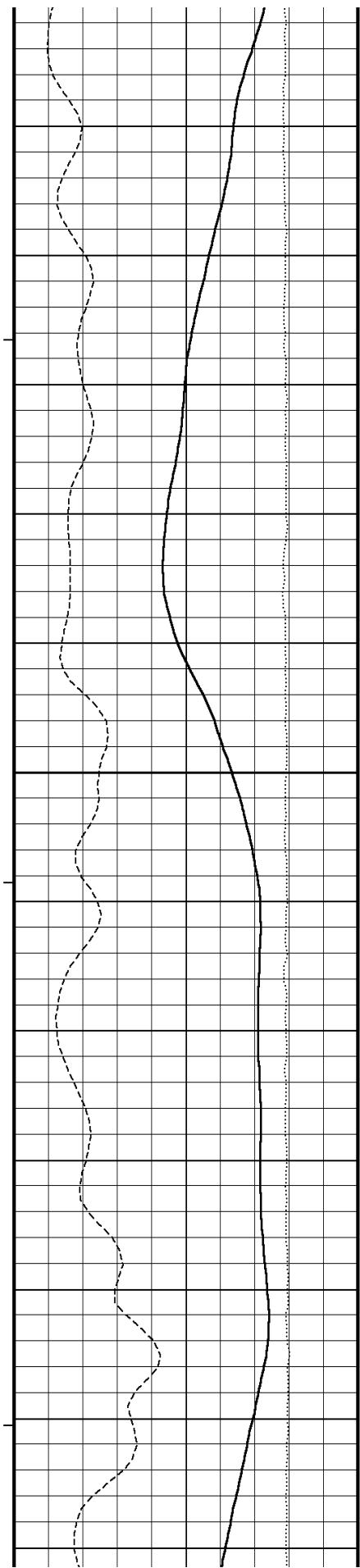


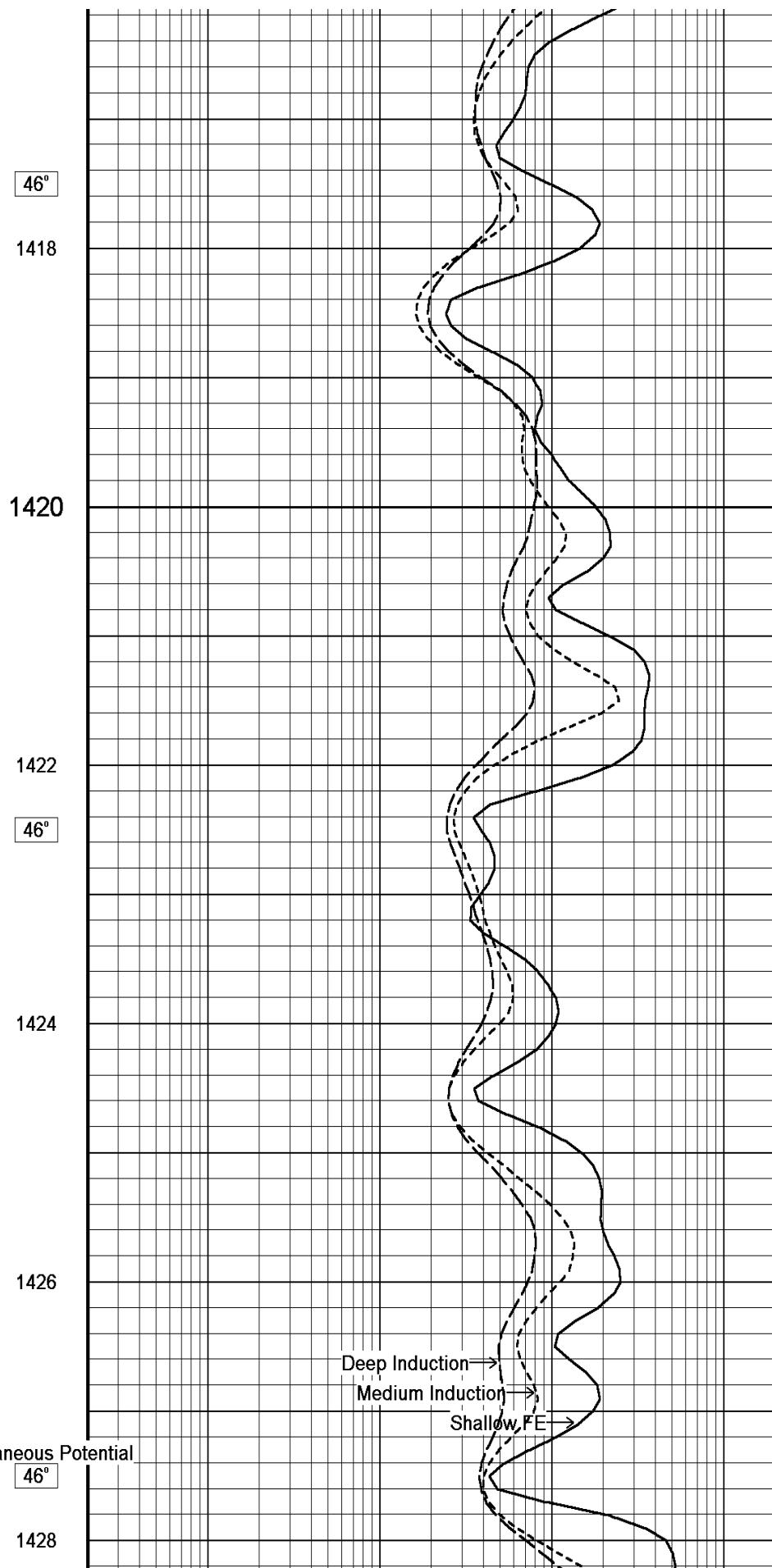
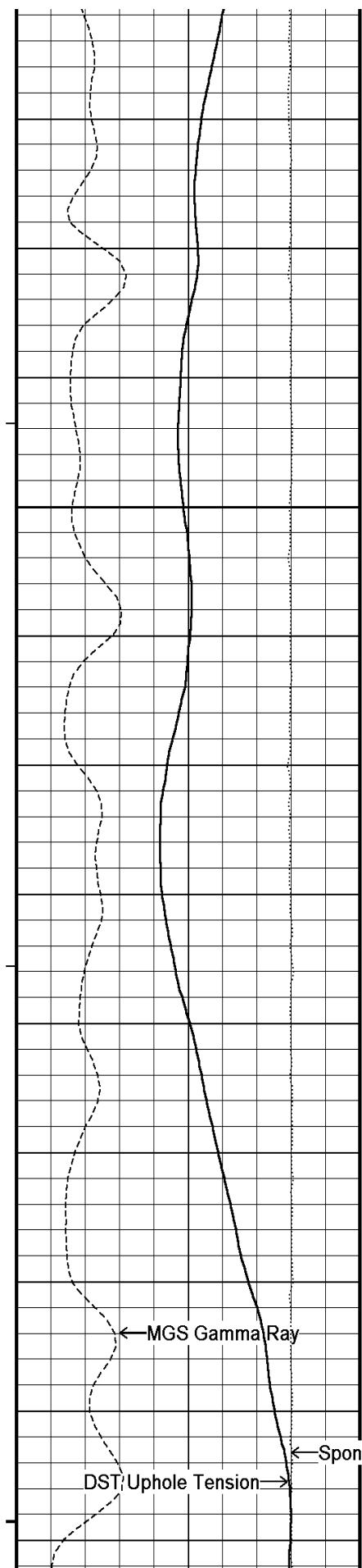


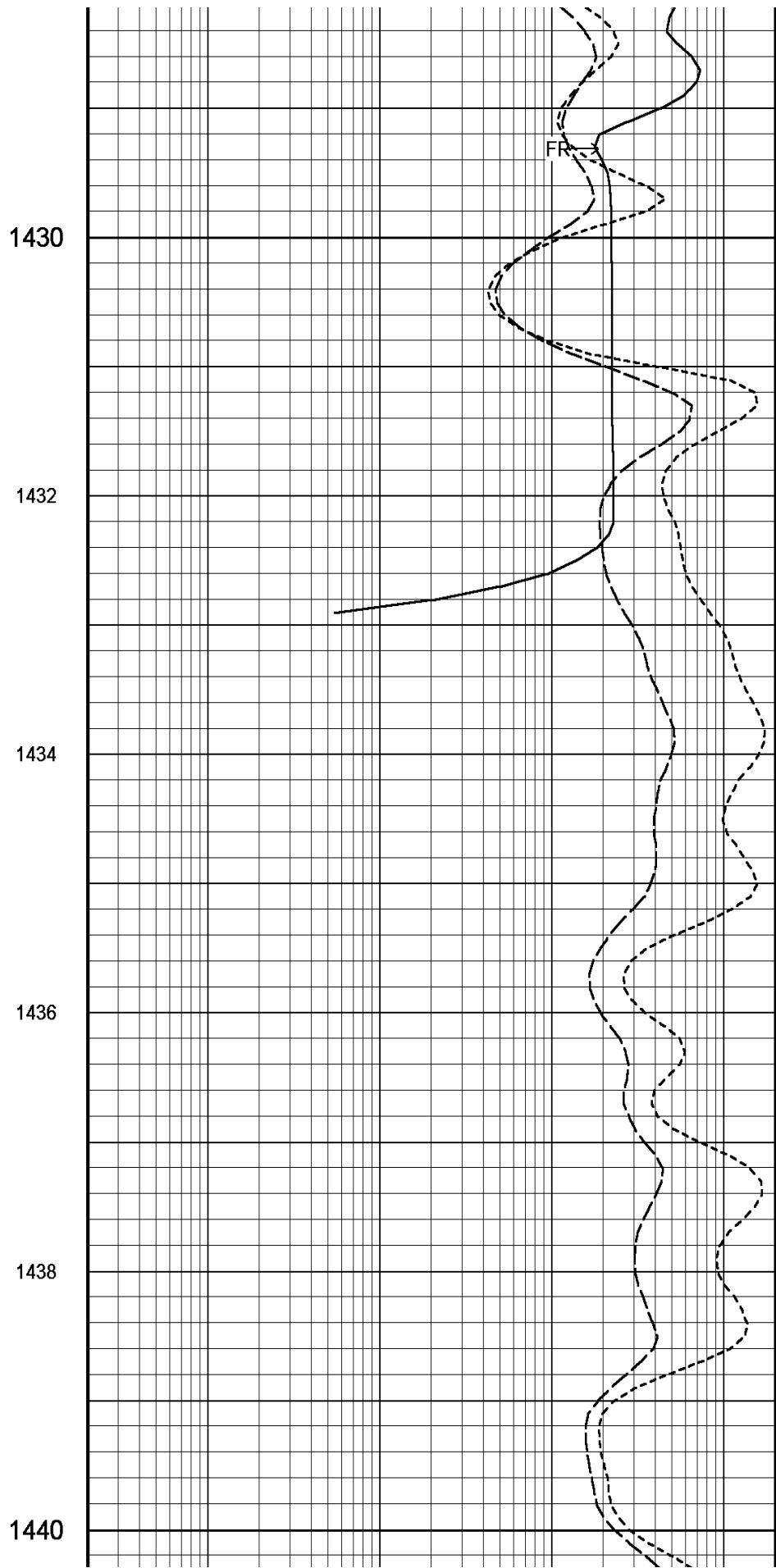
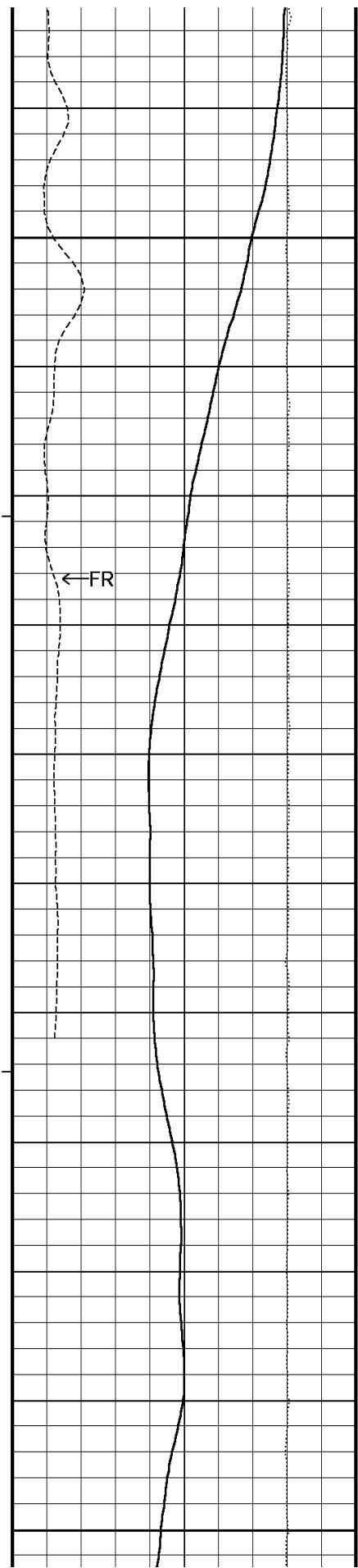


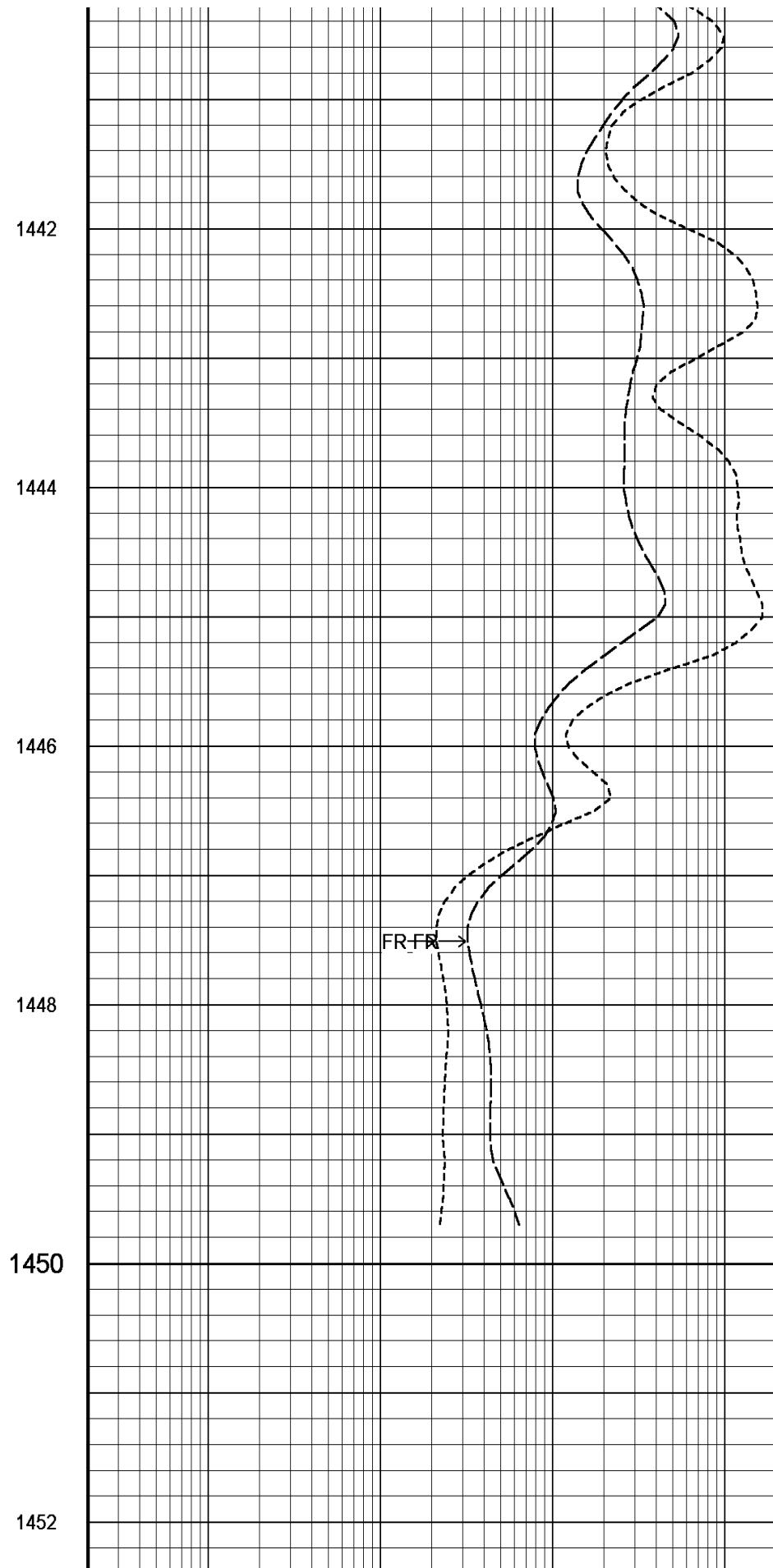
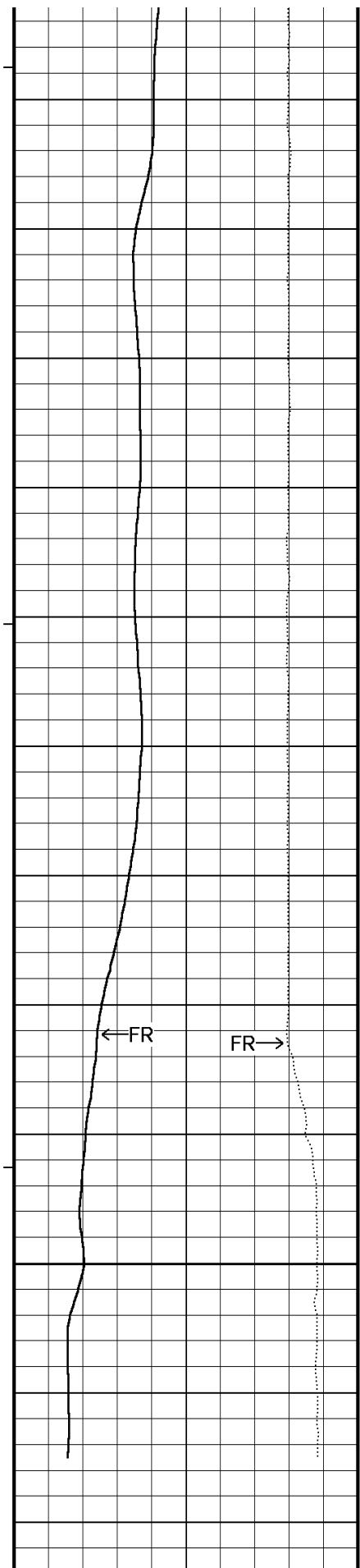


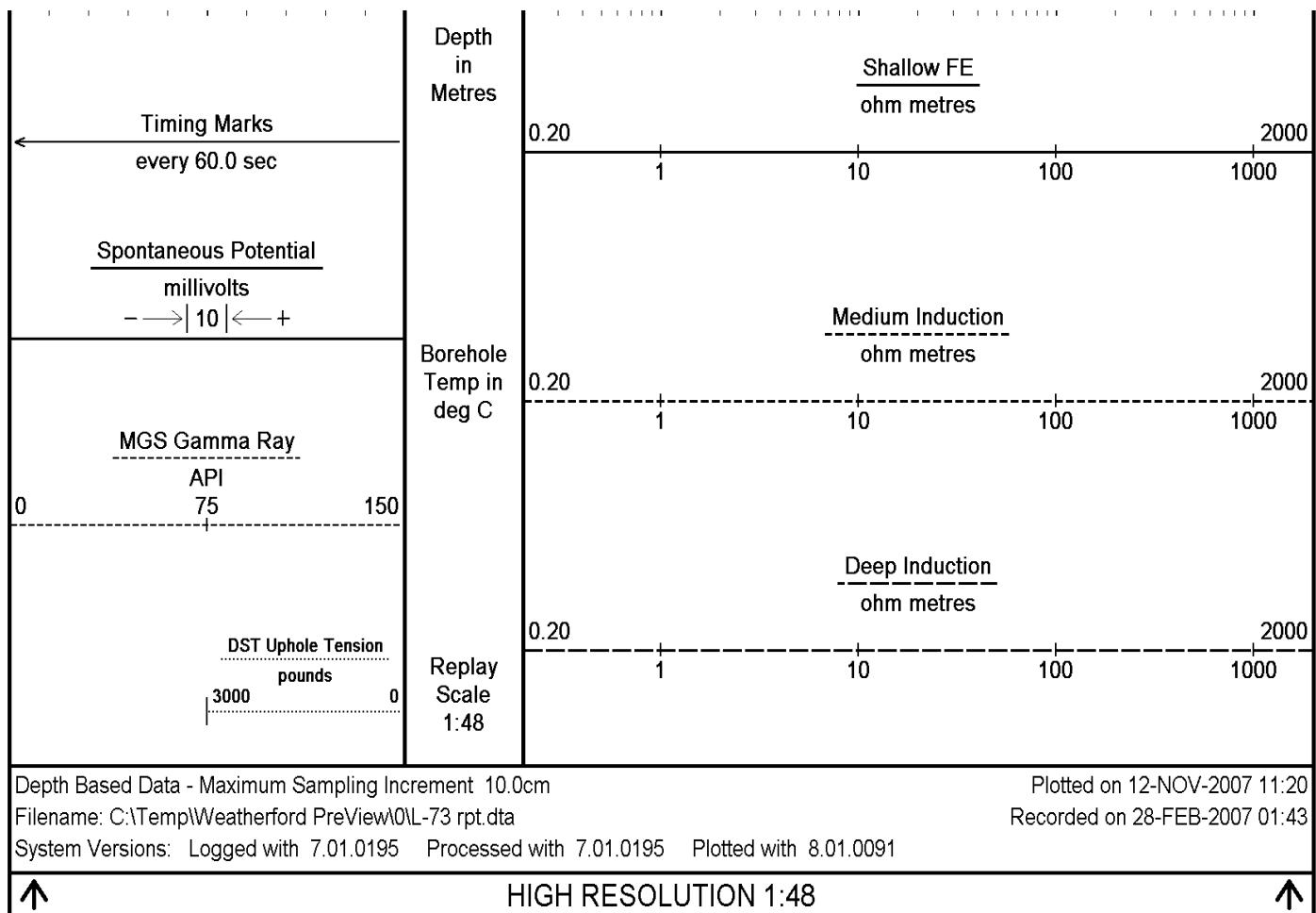












BEFORE SURVEY CALIBRATION		
C:\Temp\Weatherford PreView\0\l-73 main.dta		
General Constants All 000		Last Edited on 28-FEB-2007,00:23
General Parameters		
Mud Resistivity	0.540	ohm-metres
Mud Resistivity Temperature	25.000	degrees C
Water Level	0.000	metres
Density/Neutron Processing	Wet Hole	
Hole/Annular Volume and Differential Caliper Parameters		
HVOL Caliper 1	Density Caliper	
HVOL Caliper 2	Y Two Arm Caliper	
Annular Volume Diameter	139.700	mm
Caliper for Differential Caliper	Density Caliper	
Rwa Parameters		
Porosity used	Base Density Porosity	
Resistivity used	Deep Induction	
RWA Constant A	0.610	
RWA Constant M	2.150	
Gamma Calibration MCG 131		
	Measured	Calibrated (API)
Background	56	35
Calibrator (Gross)	1332	829
Calibrator (Net)	1277	794
Field Calibration on 26-FEB-2007 10:56		

Gamma Constants MCG 131			Last Edited on 27-FEB-2007,23:06
Gamma Calibrator Number	GRC 095		
Mud Density	1180.00	kg/m3	
Caliper Source for Processing	Density Caliper		
Tool Position	Centred		
Concentration of KCl	0.00	kppm	
SP Calibration MCG 131			Field Calibration on 24-FEB-2007 11:45
	Measured	Calibrated (mV)	
Reference 1	101.0	100.0	
Reference 2	-99.3	-100.0	
High Resolution Temperature Calibration MCG 131			Field Calibration on 15-DEC-2006,15:05
	Measured	Calibrated(Deg C)	
Lower	1.00	1.00	
Upper	10.00	10.00	
High Resolution Temperature Constants MCG 131			
Pre-filter Length	11		
FE Calibration MFE 111			Base Calibration on 15-FEB-2007 19:40 Field Check on 28-FEB-2007 00:16
Base Calibration			
	Measured	Calibrated (ohm-m)	
Reference 1	0.0	0.0	
Reference 2	983.2	126.8	
Base Check		278.8	
Field Check		279.0	
FE Constants MFE 111			Last Edited on 25-FEB-2007,03:56
Caliper Source for FE correction	Density Caliper		
Rm Source for FE correction	Temperature Corr		
Temp. for Rm Corr.	MCG External Temperature		
Stand-off	Centred	millimetres	
Caliper Calibration MTC 024			Base Calibration on 6-FEB-2007 10:21 Field Calibration on 28-FEB-2007,00:43
Base Calibration			
Reading No	Measured	Calibrator Size (mm)	
1	15472	110.00	
2	18252	162.00	
3	21045	212.00	
4	23841	262.00	
5	26691	311.00	
6	N/A	N/A	
Field Calibration			
	Measured Caliper (mm)	Actual Caliper (mm)	
	210.30	205.70	
Gamma Calibration MGS 029			Field Calibration on 20-FEB-2007,01:19
	Measured	Calibrated (API)	
Background	58	38	
Calibrator (Gross)	1286	832	
Calibrator (Net)	1228	794	
Gamma Constants MGS 029			Last Edited on 27-FEB-2007,23:06

Gamma Calibrator Number	GRCC095		
Mud Density	1180.00	kg/m3	
Caliper Source for Processing	Density Caliper		
Tool Position	Centred		
Concentration of KCl	0.00	kppm	
SP Calibration MGS 029			Field Calibration on 7-DEC-2006,17:01
	Measured	Calibrated (mV)	
Reference 1	100.0	100.0	
Reference 2	-100.0	-100.0	
High Resolution Temperature Calibration MGS 029			Field Calibration on 7-DEC-2006,17:01
	Measured	Calibrated(Deg C)	
Lower	1.00	1.00	
Upper	5.00	5.00	
High Resolution Temperature Constants MGS 029			
Pre-filter Length	11		
Micro Laterolog Constants MMR 031			
Micro Laterolog K Factor	0.0128		
Standoff Offset	0.0000	inches	
Borehole Correction Constants			
Mud Cake Source	Constant Value		
Mud Cake Thickness	0.4000	inches	
Mud Cake Thickness Caliper	0		
Mud Cake Resistivity	0.1500	ohm-m	
Caliper Calibration MMR 031			Base Calibration on 27-FEB-2007,13:43 Field Calibration on 28-FEB-2007,00:43
Base Calibration			
Reading No	Measured	Calibrator Size (mm)	
1	14876	162.00	
2	17978	212.00	
3	21602	262.00	
4	24308	311.00	
5	0	0.00	
6	N/A	N/A	
Field Calibration			
	Measured Caliper (mm)	Actual Caliper (mm)	
	205.60	205.70	
Micro Normal and Micro Inverse Calibration MMR 031			Base Calibration on 27-FEB-2007,13:43 Field Check on 28-FEB-2007 00:34
Base Calibration			
Channel	Measured	Calibrated (ohm-m)	
	Resistor 1	Resistor 2	Resistor 1 Resistor 2
Micro Normal	9.8	49.9	5.1 25.6
Micro Inverse	9.8	49.8	3.4 16.9
Channel	Base Check (ohm-m)	Field Check (ohm-m)	
Micro Normal	94.7	92.9	
Micro Inverse	61.6	61.6	
Micro Normal and Micro Inverse Constants MMR 031			Last Edited on 25-NOV-2006,14:14
Micro Normal K Factor	0.5110		
Micro Inverse K Factor	0.3380		
Standoff Offset	0.0000	millimetres	
Neutron Calibration MDN 016			Base Calibration on 11-JAN-2007 20:47

Base Calibration

	Measured		Calibrated (cps)	
	Near	Far	Near	Far
3219		98	3714	110
Ratio	32.703		33.764	

Field Calibrator at Base

	Calibrated (cps)	
2486		3648
Ratio		0.681

Field Check

	Calibrated (cps)	
2568		3767
Ratio		0.682

Neutron Constants MDN 016

Last Edited on 25-FEB-2007,03:55

Neutron Source Id	277
Neutron Jig Number	N636
Epithermal Neutron	No
Caliper Source for Processing	Density Caliper
Stand-off	0.00
Mud Density	1000.00
Limestone Sigma	7.10
Sandstone Sigma	4.26
Dolomite Sigma	4.70
Formation Pressure Source	Constant Value
Formation Pressure	0.00
Temperature Source	Constant Value
Temperature	20.00
Mud Salinity	0.00
Formation Fluid Salinity Source	Constant Value
Formation Fluid Salinity	0.00
Barite Mud Correction	Not Applied

Photo Density Calibration MPD 093

Base Calibration on 21-FEB-2007 18:37

Field Check on 27-FEB-2007 23:24

Density Calibration

Base Calibration	Measured		Calibrated (sdu)	
	Near	Far	Near	Far
Reference 1	66461	35432	60352	31615
Reference 2	27582	2460	25043	2540

Field Check at Base

738.4 855.4

Field Check

743.9 865.6

PE Calibration

Base Calibration	WS	Measured		Calibrated
		WH	Ratio	
Background	135	656		
Reference 1	27020	66295	0.410	0.400
Reference 2	7311	27477	0.268	0.272

Field Check at Base

135.0 656.2

Field Check

134.5 658.1

Density Constants MPD 093

Last Edited on 27-FEB-2007,23:07

Density Source Id	1615B	
Nylon Calibrator Number	608	
Aluminium/Fe Calibrator Number	608	
Density Shoe Profile	4 inch	
Caliper Source for Processing	Density Caliper	
PE Correction to Density	Not Applied	
Mud Density	1180.00	kg/m3
Mud Density Z/A Correction	1.11	
Mud Filtrate Density	1000.00	kg/m3
Dry Hole Mud Filtrate Density	1000.00	kg/m3
DNCT	0.00	kg/m3
CRCT	0.00	kg/m3
Density Z/A Correction	0	
Matrix Density (kg/m3)	Depth (m)	
2710.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	

Caliper Calibration MPD 093

Base Calibration on 11-JAN-2007 21:58
Field Calibration on 28-FEB-2007,00:44

Base Calibration	Reading No	Measured	Calibrator Size (mm)
	1	15040	110.00
	2	23085	162.00
	3	31440	212.00
	4	40233	262.00
	5	49152	311.00
	6	N/A	N/A

Field Calibration

Measured Caliper (mm)	Actual Caliper (mm)
207.70	205.70

Sonic Constants MSS 003

Last Edited on 27-FEB-2007,23:07

Maximum Boundary Contrast	328.08	micro-sec/m
Fluid Transit Time	620.08	micro-sec/m
Limestone Transit Time	155.84	micro-sec/m
Sandstone Transit Time	182.09	micro-sec/m
Dolomite Transit Time	142.72	micro-sec/m
Sonic used for Porosities	3-5' Compensated Sonic	
Correction for Sonde Skew	Applied	
Cycle Stretch Algorithm	Applied	
MN3FT	N/A	micro-sec
MX3FT	N/A	micro-sec
Hunt-Raymer Constant	0.00	0

Fixed Gate Parameters

Start Time (micro-sec)	End Time (micro-sec)	Discriminator (mV)	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Down Hole Fixed Gate Parameters

Gate Start	N/A	micro-sec
Gate Width	N/A	micro-sec
Initial Discriminator Level	0.0000	mV/late

Initial Discriminator Level	0.0000	THRESH
Full Waveform Parameters		
Use 3' Waveform to derive TR	N/A	
Use 4' Waveform to derive TR	N/A	
Use 5' Waveform to derive TR	N/A	
Use 6' Waveform to derive TR	N/A	
3' Waveform Discriminator Level	N/A	mV
4' Waveform Discriminator Level	N/A	mV
5' Waveform Discriminator Level	N/A	mV
6' Waveform Discriminator Level	N/A	mV
3' Waveform Filter	N/A	
4' Waveform Filter	N/A	
5' Waveform Filter	N/A	
6' Waveform Filter	N/A	
Semblance Level	N/A	
Semblance Window Width	N/A	micro-sec
Sonic 1 Despiker	N/A	N/A
Sonic 2 Despiker	N/A	N/A

Induction Calibration MAI 154

Base Calibration on 14-JAN-2007 01:38
Field Check on 28-FEB-2007 00:33

Base Calibration					
Test Loop Calibration		Measured	Calibrated (mmho/m)		
Channel		Low	High	Low	High
1		16.6	470.6	9.3	966.2
2		6.3	383.0	7.6	821.4
3		4.0	264.7	5.2	566.0
4		2.3	136.2	2.6	279.2
Array Temperature		22.3	Deg C		
Channel		Base Check (mmho/m)	Field Check (mmho/m)		
		Low	High	Low	High
1		13.1	3867.2	15.3	3866.9
2		29.6	3530.7	30.2	3528.9
3		26.8	3001.8	27.1	2999.9
4		18.4	2040.8	18.6	2039.5
Deep		15.3	1926.8	15.7	1925.6
Medium		39.6	3962.8	39.7	3960.1
Shallow		45.8	5270.7	46.6	5268.1
Array Temperature		12.1		28.0	Deg C

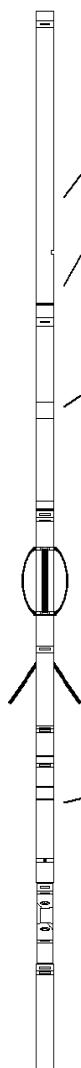
Induction Constants MAI 154

Last Edited on 27-FEB-2007,23:07

Induction Model	VECTAR
Caliper for Borehole Corr.	Density Caliper
Hole Size for Borehole Correction	N/A
Stand-off	25.40
Number of Fins on Stand-off	5.0000
Stand-off Fin Width	25.4000
Borehole Corr. Rm Source	Temperature Corr
Temp. for Rm Corr.	MCG External Temperature
Squasher Start	0.0020
Borehole Normalisation	
DRM1	0.0000
DRM2	0.0000
MRM1	0.0000
MRM2	0.0000
SRM1	0.0000
SRM2	0.0000

Calibration Site Corrections

Channel 1	0.00	mmhos/metre
Channel 2	0.00	mmhos/metre
Channel 3	0.00	mmhos/metre
Channel 4	0.00	mmhos/metre
Apparent Porosity and Water Saturation Constants		
Archie Constant (A)	1.00	
Cementation Exponent (M)	2.00	
Saturation Exponent (N)	2.00	
Saturation of Water for Apor	100.00	percent
Resistivity of Water for Apor and Sw	0.05	ohm-m
Resistivity of Mud Filtrate for Sw	0.00	ohm-m
High Resolution Temperature Calibration MAI 154		
		Field Calibration on 16-DEC-2006,08:07
	Measured	Calibrated(Deg C)
Lower	1.00	1.00
Upper	10.00	10.00
High Resolution Temperature Constants MAI 154		
Pre-filter Length	11	

DOWNHOLE EQUIPMENT		
C:\Temp\Weatherford PreView\0\L-73 main.dta		
Compact Gamma MCG 131 Length: 2.65 m	Weight: 63.9 lb	 20.98 m GRGC - Gamma Ray 20.10 m CGXT - MCG External Temperature
Compact Focussed Electric MFE 111 Length: 1.84 m	Weight: 48.5 lb	18.98 m FFE - Shallow FE
Compact Two Arm Caliper MTC 24 Length: 2.17 m	Weight: 61.7 lb	16.53 m CLYC - Y Two Arm Caliper
Compact Short Gamma MGS 29 Length: 1.04 m	Weight: 24.3 lb	15.66 m GRGM - MGS Gamma Ray
Compact InterSonde Crank ISC 151 Length: 0.71 m	Weight: 24.3 lb	
Compact Micro-Resistivity MMR 31 Length: 2.62 m	Weight: 81.6 lb	12.10 m MBTC - MMR Caliper 12.10 m MINV - MMR MicroLog Inverse 12.10 m MNRL - MMR MicroLog Normal

Compact Neutron
MDN 16 Length: 1.53 m

Weight: 50.7 lb

Compact Density/Caliper
MPD 93 Length: 2.92 m

Weight: 90.4 lb

Compact Sonic
MSS 3 Length: 3.82 m

Weight: 72.8 lb

Compact Induction
MAI 154 Length: 3.29 m

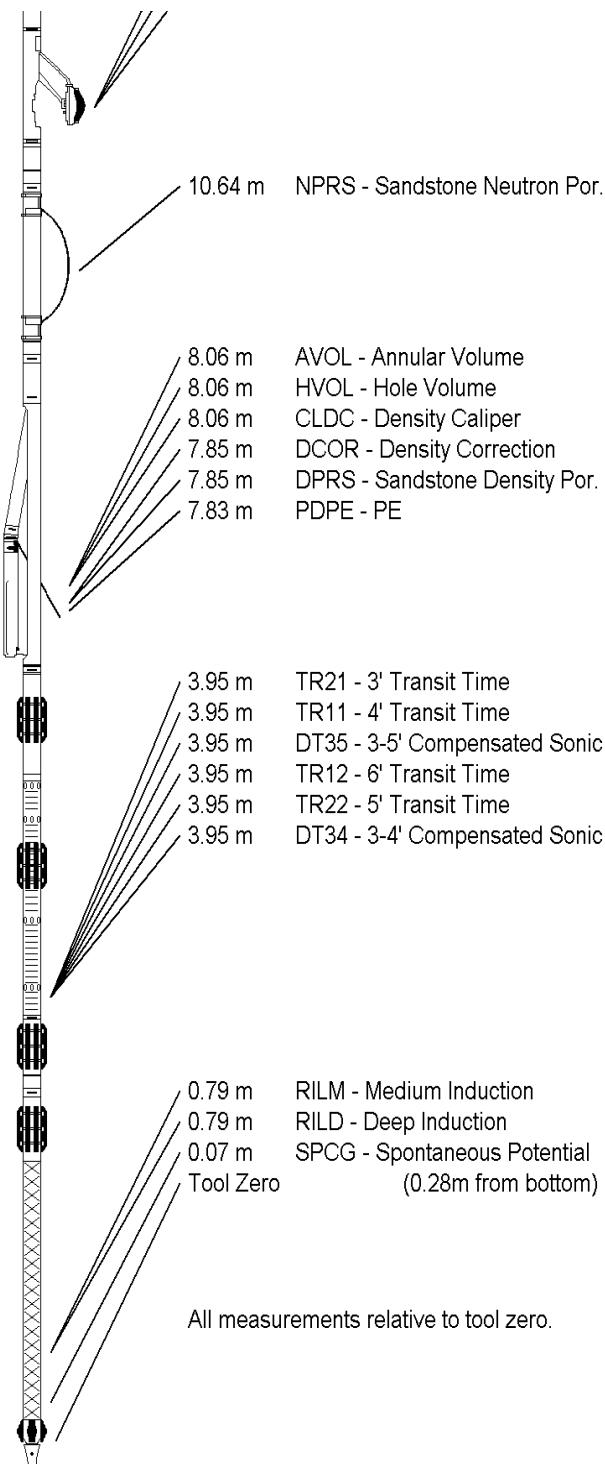
Weight: 48.5 lb

Compact Hole Finder
HFS 1 Length: 0.24 m

Weight: 2.2 lb

Total Length: 22.83 m

Weight: 568.8 lb



COMPANY
WELL
FIELD
PROVINCE/COUNTY
COUNTRY/STATE

PARAMOUNT RESOURCES LTD
PARA ET AL CAMERON L-73
CAMERON HILLS
NORTHWEST TERRITORIES
CANADA

Elevation Kelly Bushing	774.80	metres	First Reading	1447.50	metre
Elevation Drill Floor		metres	Depth Driller	1450.00	metres
Elevation Ground Level	770.80	metres	Depth Logger	1448.60	metres



Weatherford®

ARRAY INDUCTION

PARA ET AL CAMERON L-73
60° 10' N, 117° 15' W WID: 2033
Bottom Hole Configuration - As Drilled

KB: 774.8 m
 GL: 770.8 m

