

# DUAL INDUCTION LL3 / SP LOG

Company FP&L Well Turkey Point DZMW-1 Field Florida City County Miami-Dade State/Prv Florida	Company <b>FP&amp;L</b> Well <b>Turkey Point DZMW-1</b> Field <b>Florida City</b> County <b>Miami-Dade</b> State/Prv <b>Florida</b>	Proposed Turkey Point Units 6 and 7 Docket Nos. 52-040 and 52-041 L-2012-255 Enclosure 1 Page 58 of 107																																																	
	Location <b>FPL Turkey Point Power Plant</b> <b>LAT: 25 25' 19" N LONG: 80 20' 08" W</b> <b>McNabb Hydrogeologic Consulting, Inc.</b>	Other Services XY/GR,FCT DIL,BHC FLO,TDS																																																	
	Permanent Datum      Pad Level      Elevation Log Measured From      Pad Level Drilling Measured From      Pad Level	Elevation K.B. D.F. G.L.																																																	
	Date      17-MAY-2012																																																		
	Run Number      SIX																																																		
Depth Driller		1905'																																																	
Depth Logger		1905'																																																	
Bottom Logged Interval		1903'																																																	
Top Log Interval		1102'																																																	
Open Hole Size		12.25"																																																	
Type Fluid		H2O																																																	
Density / Viscosity		NA/NA																																																	
Max. Recorded Temp.		see FCT log																																																	
Estimated Cement Top		SURFACE																																																	
Time Well Ready		13:00 5/17/2012																																																	
Time Logger on Bottom		16:00 5/17/2012																																																	
Equipment Number		MVGS-1																																																	
Location		Ft. Myers																																																	
Recorded By		S.Miller																																																	
Witnessed By		M.Clasen (MHC)      K.Greuel (LCC)																																																	
<table border="1"> <thead> <tr> <th colspan="4">Borehole Record</th> <th colspan="4">Tubing Record</th> </tr> <tr> <th>Run Number</th> <th>Bit</th> <th>From</th> <th>To</th> <th>Size</th> <th>Weight</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>ONE</td> <td>12.25"</td> <td>SURFACE</td> <td>250'</td> <td>FIVE</td> <td>12.25"</td> <td>1102'</td> <td>1905'</td> </tr> <tr> <td>TWO</td> <td>42"</td> <td>SURFACE</td> <td>258'</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>THREE</td> <td>12.25"</td> <td>255'</td> <td>1110'</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>FOUR</td> <td>32.5"</td> <td>255'</td> <td>1110'</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				Borehole Record				Tubing Record				Run Number	Bit	From	To	Size	Weight	From	To	ONE	12.25"	SURFACE	250'	FIVE	12.25"	1102'	1905'	TWO	42"	SURFACE	258'					THREE	12.25"	255'	1110'					FOUR	32.5"	255'	1110'				
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Production String		24"	0.375" WT	SURFACE		1102'																																													
Liner						LTPDZM1A.db																																													
Invoice No.		2012102	P.O. #:	8fld/las/pdf		* FINAL PRINT *																																													



1700

Proposed Turkey Point Units 6 and 7  
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1800

1900

100	TDS (ppm)	10000
10000	TDS (ppm)	1e+006



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 interpretation, and we shall not, except in the case of gross or willful 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 set out in our current Price Schedule.

#### Comments

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Rw=0.219 ohm-m @ 80.7 degF

Drill Pipe set to 1076'

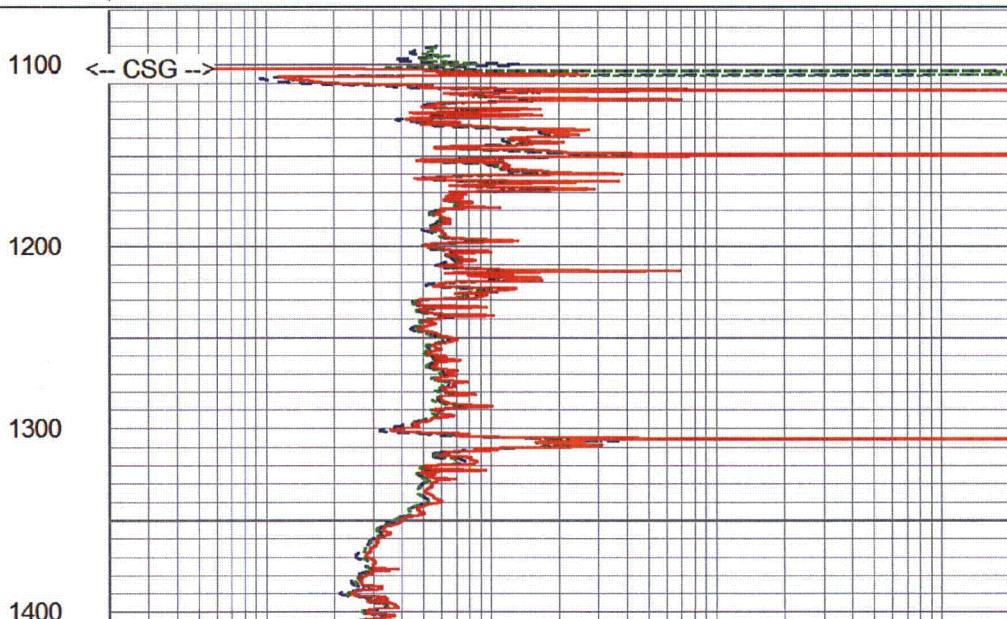
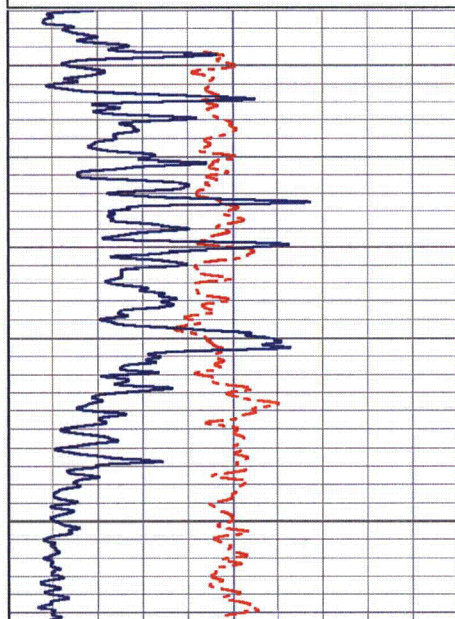
**MV**  
**Geophysical**

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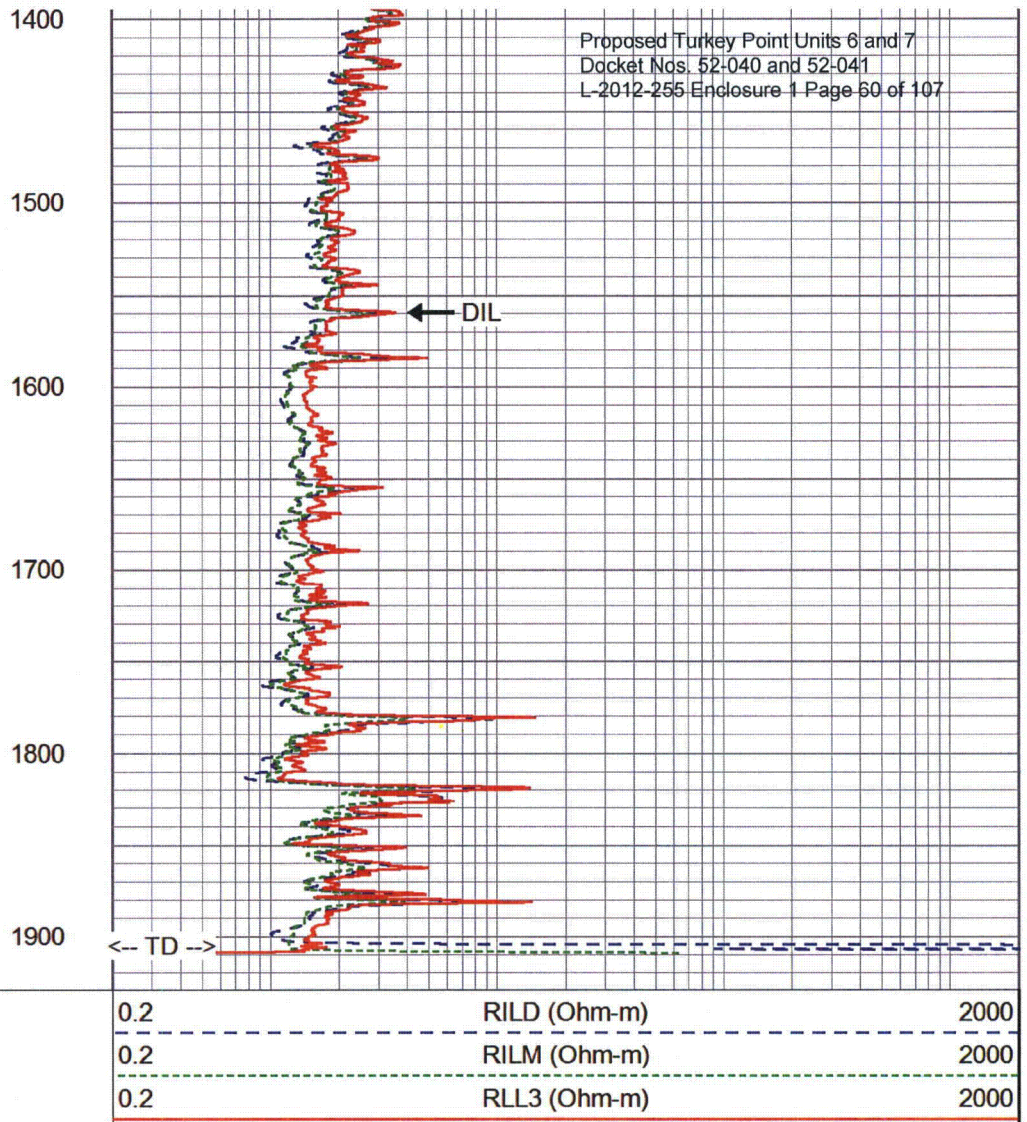
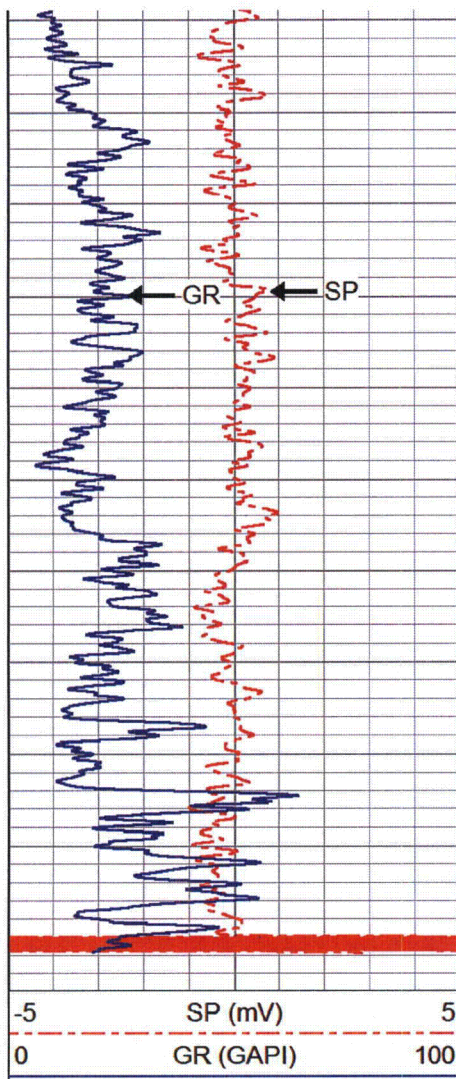
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-5	SP (mV)	5
0	GR (GAPI)	100

0.2	RILD (Ohm-m)	2000
0.2	RILM (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000





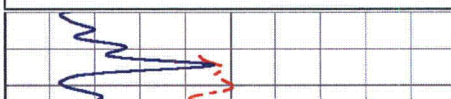
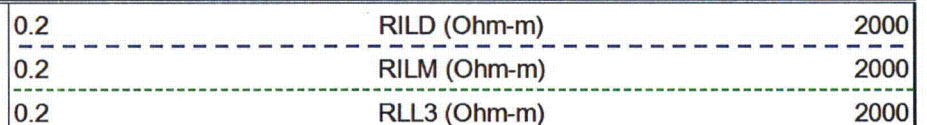
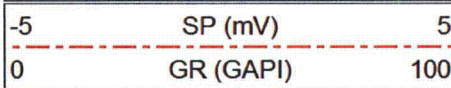


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# MV Geophysical

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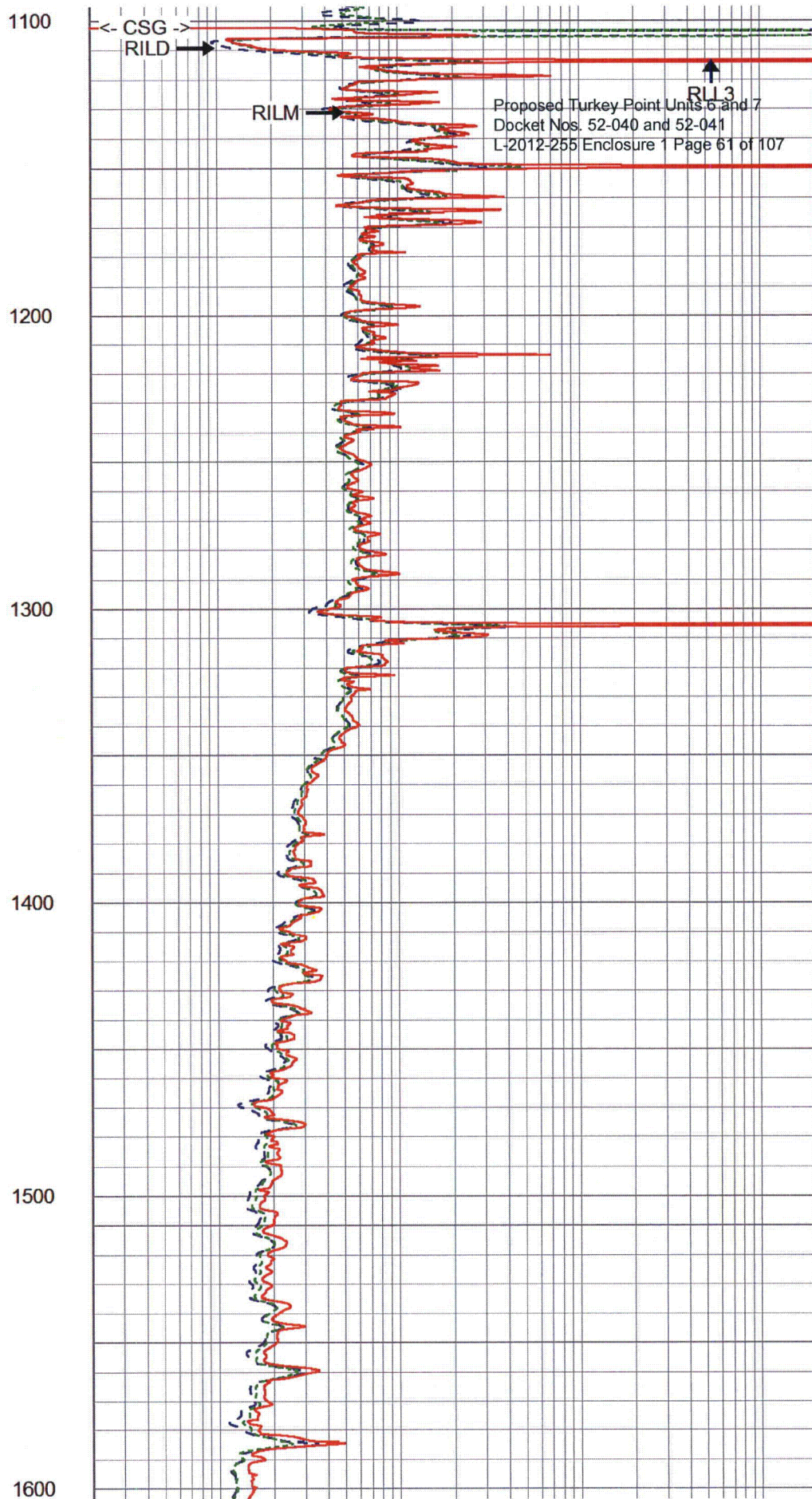
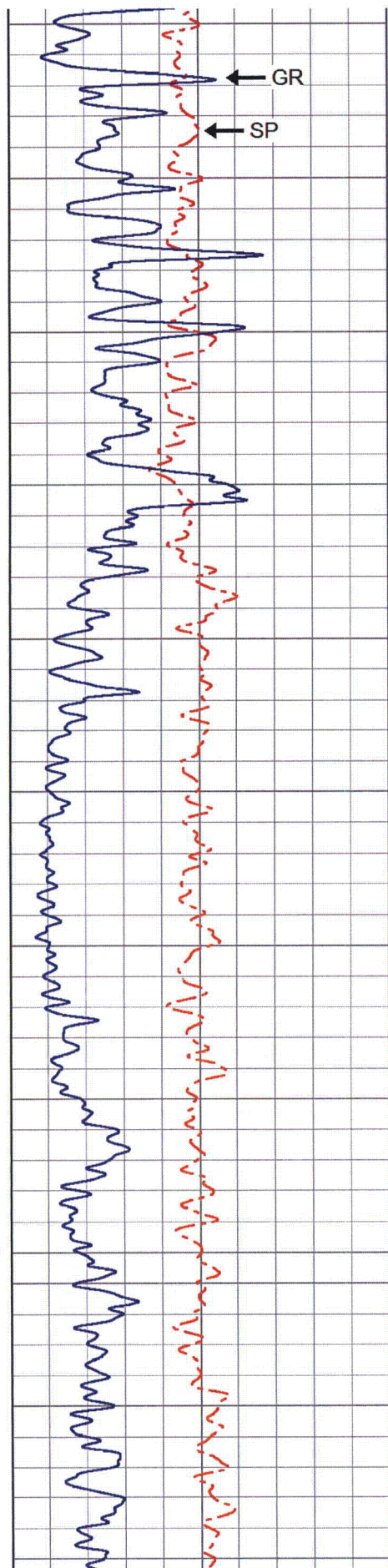
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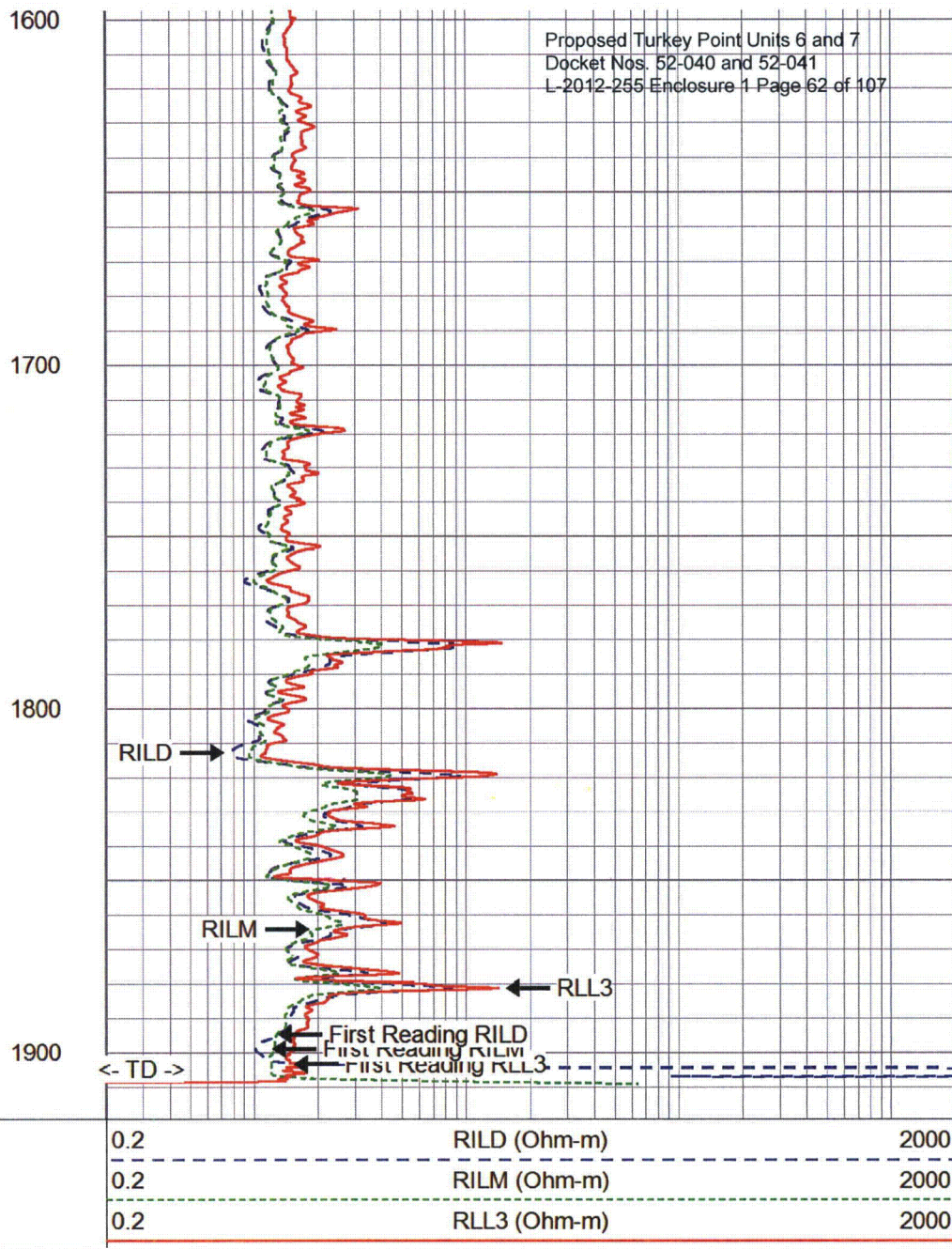
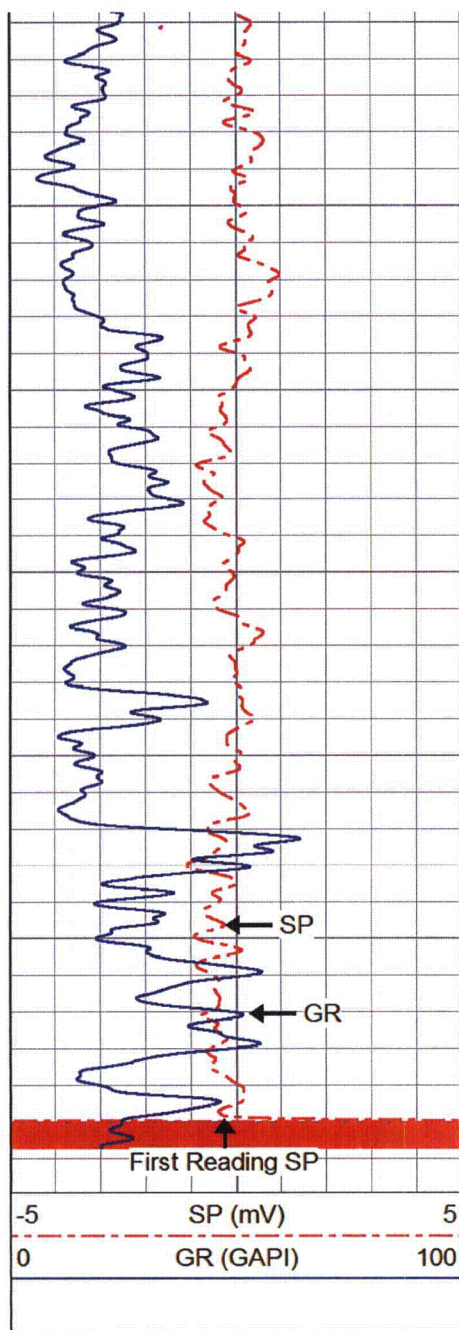
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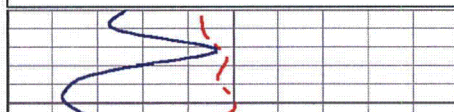
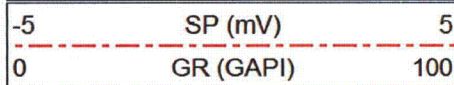




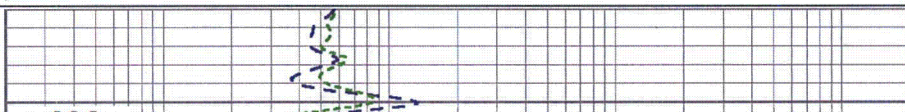
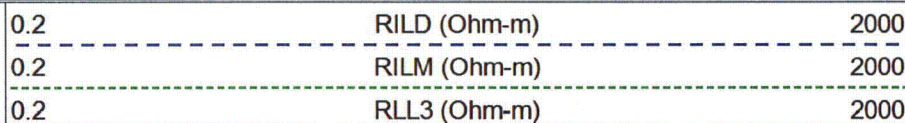
**MV**  
**Geophysical**

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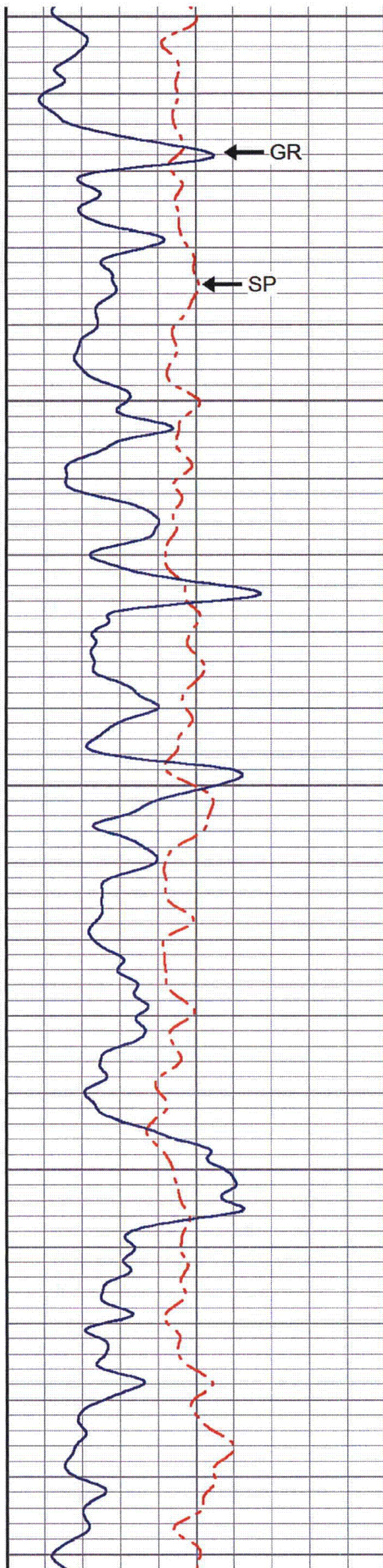
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1100



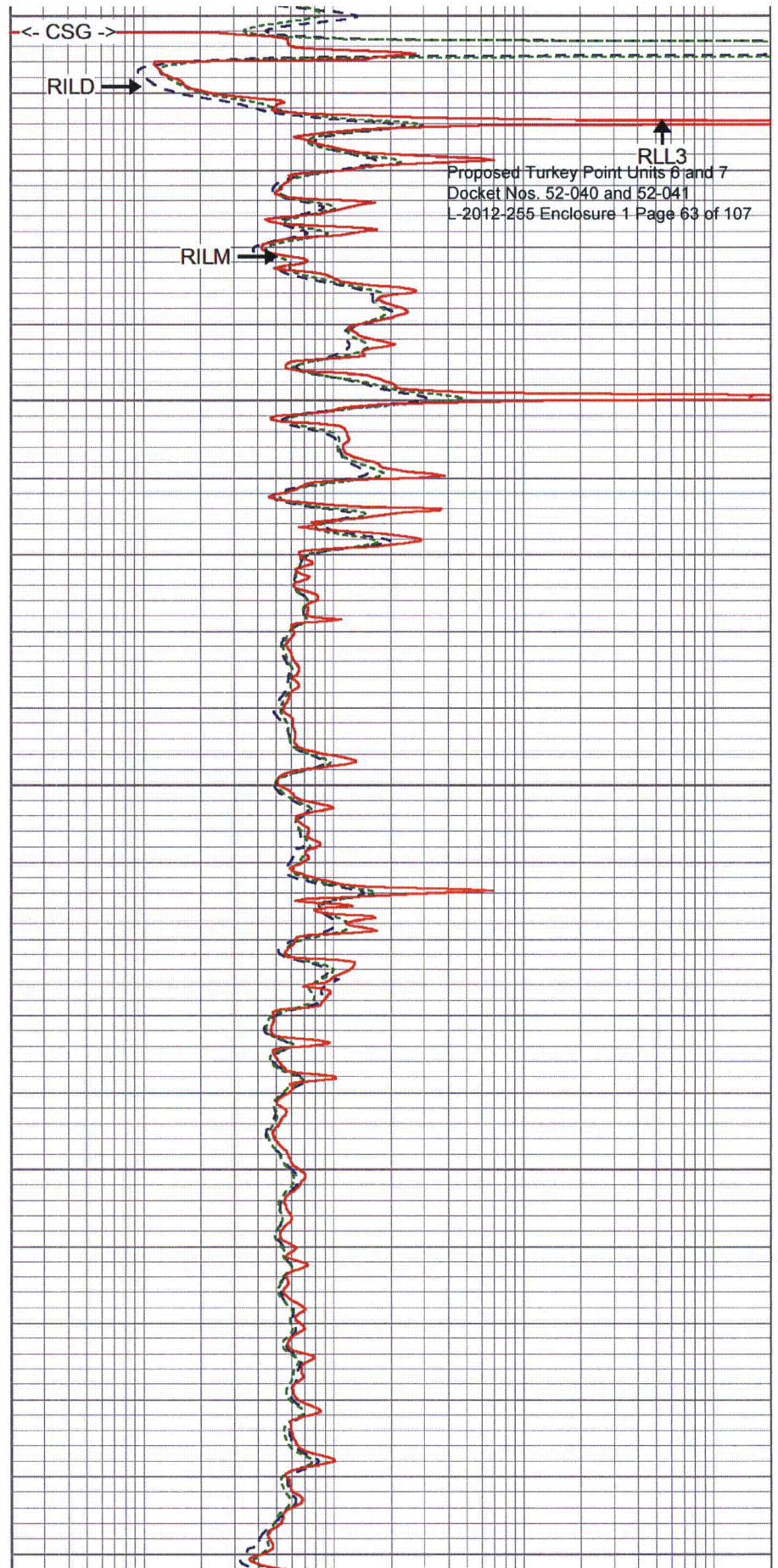




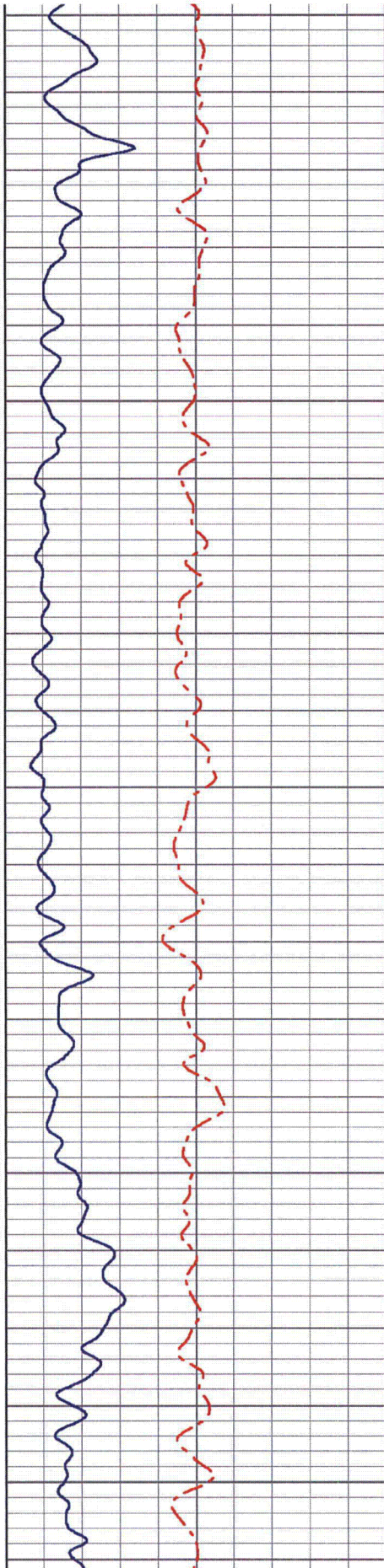
1100

1200

1300



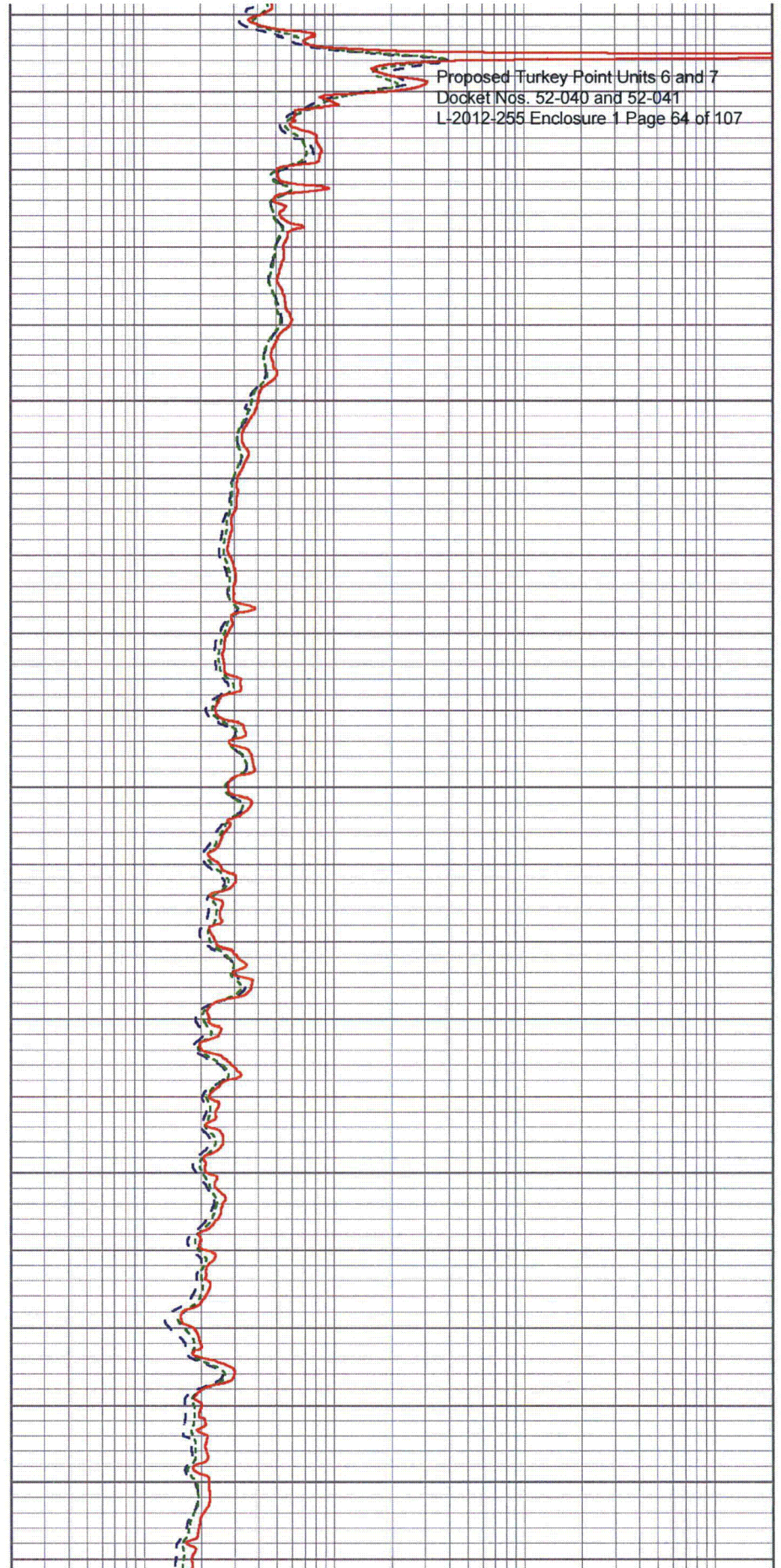




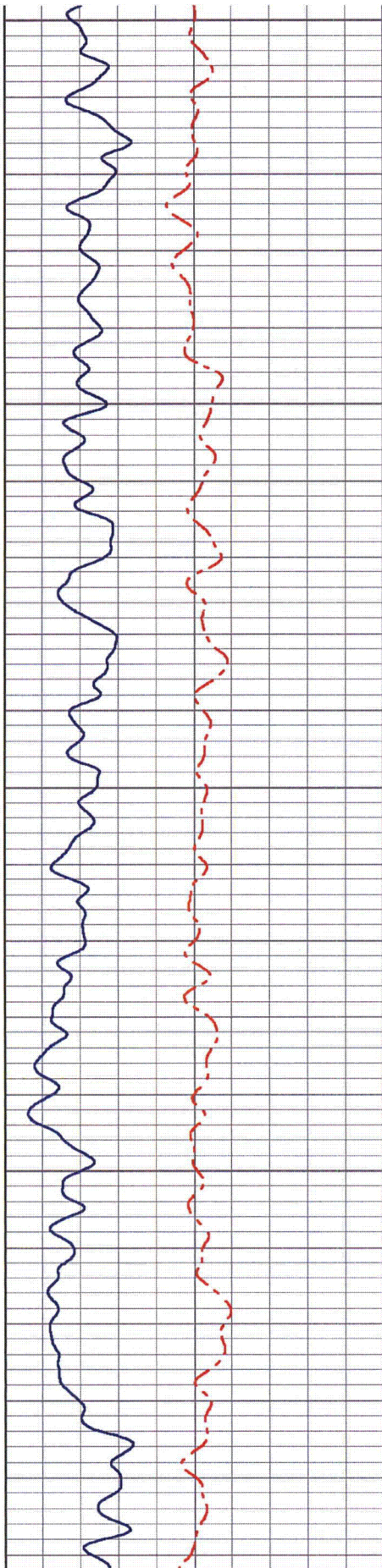
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1400

1500



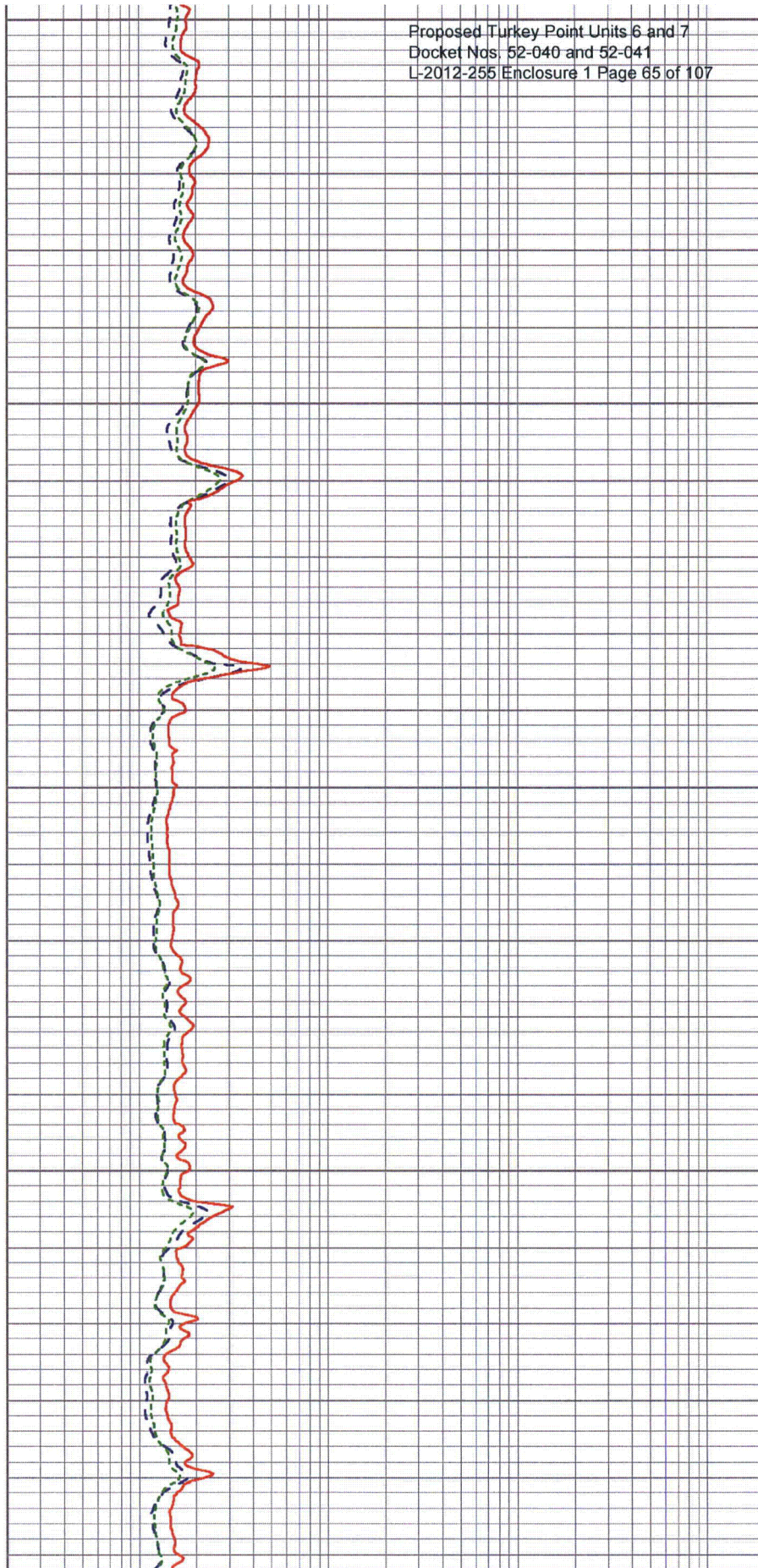




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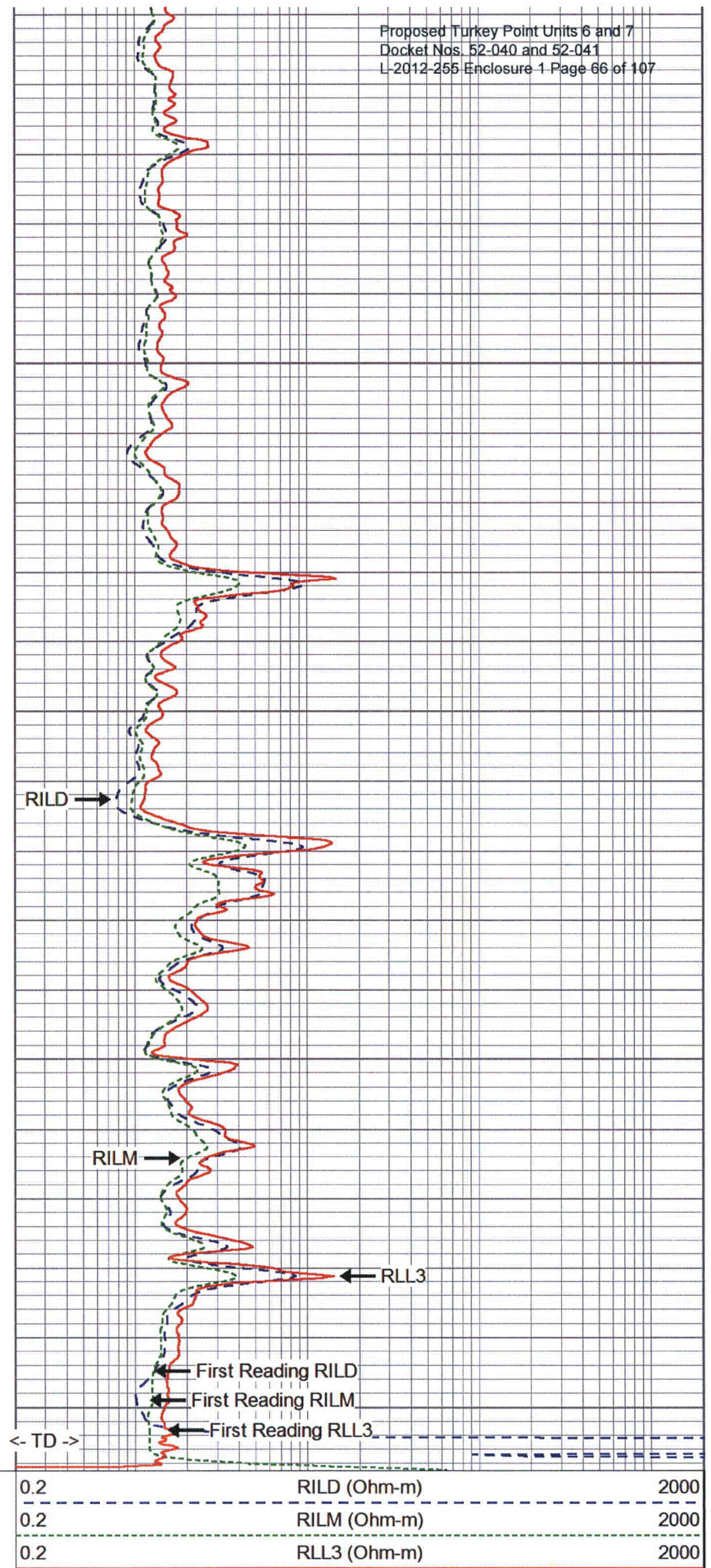
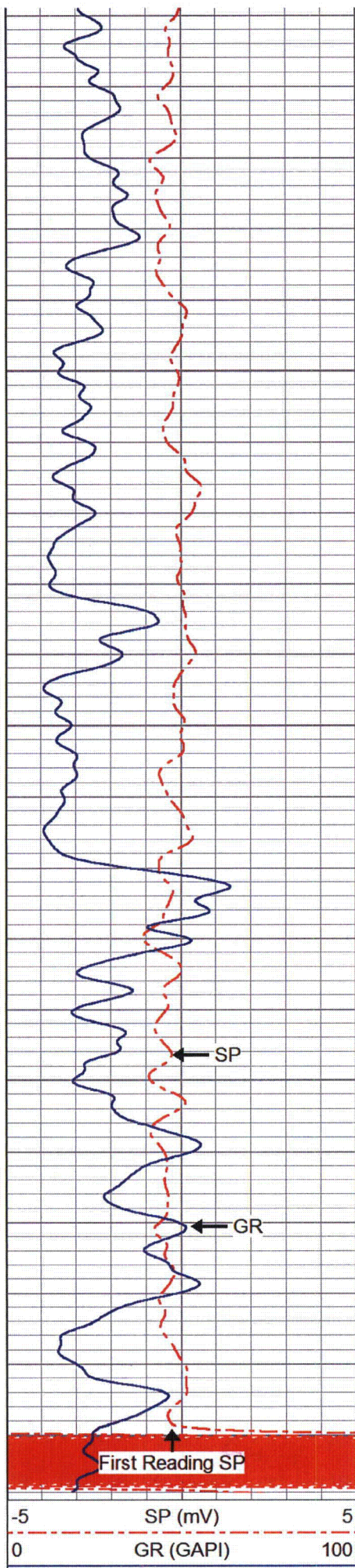
1600

1700



Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
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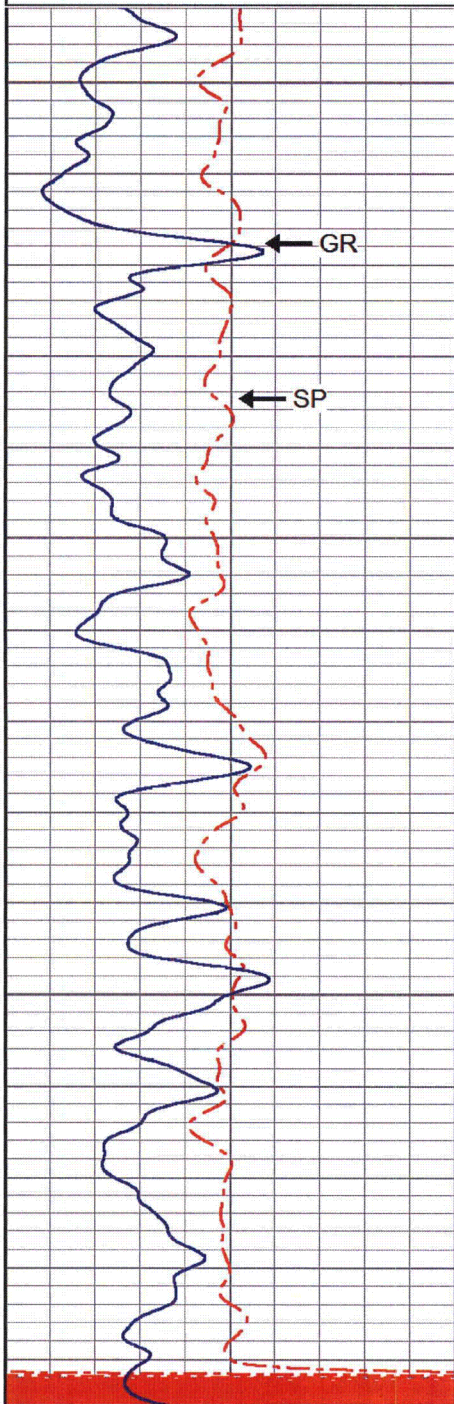
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-5	SP (mV)	5
0	GR (GAPI)	100

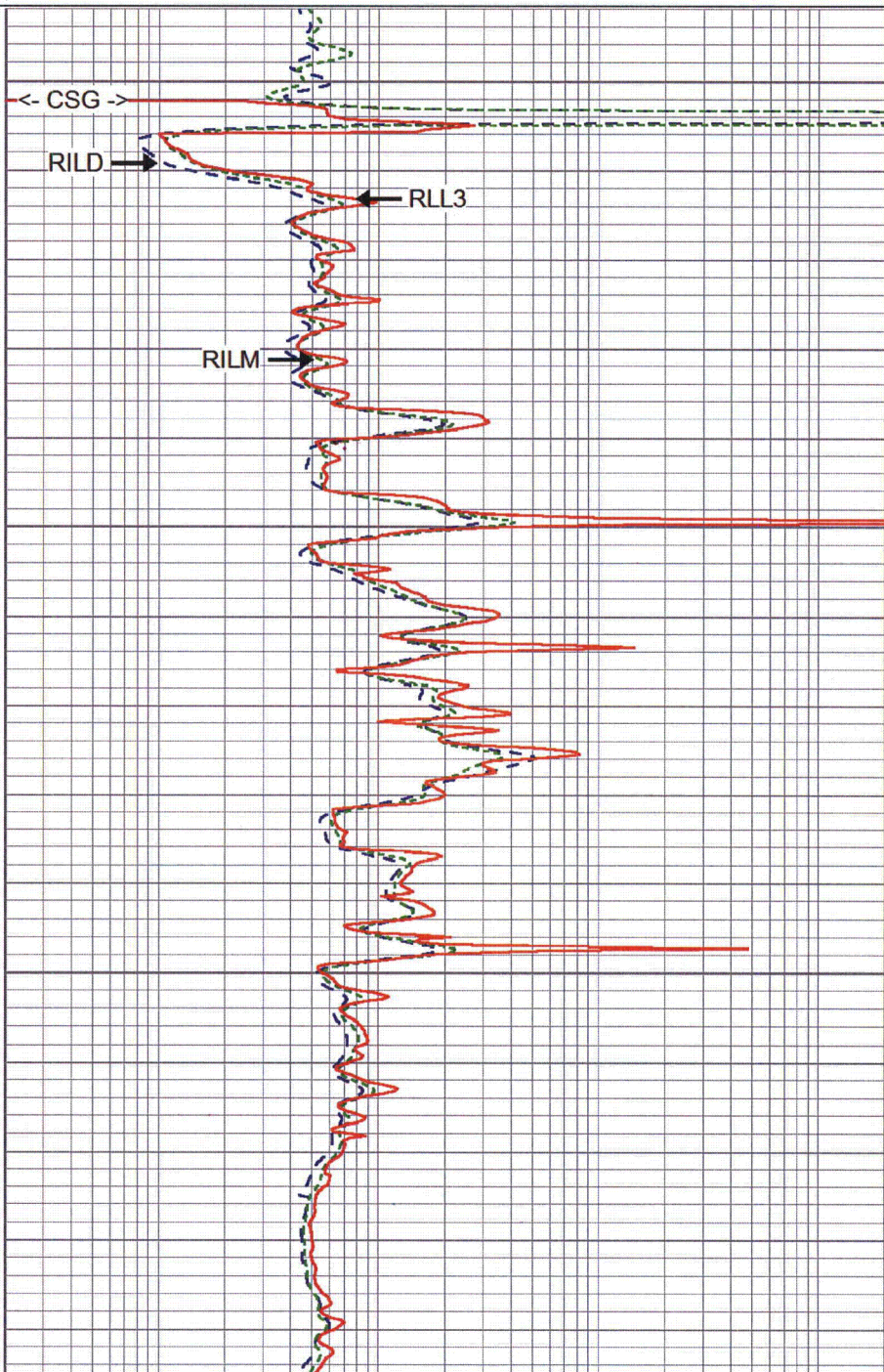
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0.2	RILM (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000



-5	SP (mV)	5
0	GR (GAPI)	100

1100

1200



0.2	RILD (Ohm-m)	2000
0.2	RILM (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000



# Calibration Report

Database File: ltpdzm1a.db  
Dataset Pathname: pass12  
Dataset Creation: Thu May 17 17:10:50 2012 by Log VER\_5.3

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## Dual Induction Calibration Report

Serial-Model: 5390-R  
Surface Cal Performed: Tue Jan 17 16:39:01 2012  
Downhole Cal Performed: Tue Jan 17 16:39:14 2012  
After Survey Verification Performed: Wed Apr 21 11:04:55 2010

### Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	0.051	0.645	V	0.000	400.000	mmho-m	673.401	-34.343
Medium	0.018	0.735	V	0.000	464.000	mmho-m	647.121	-11.545
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.011	0.641	V	0.000	400.000	mmho-m	635.021	-7.049
Medium	0.005	0.739	V	0.000	464.000	mmho-m	632.408	-3.370

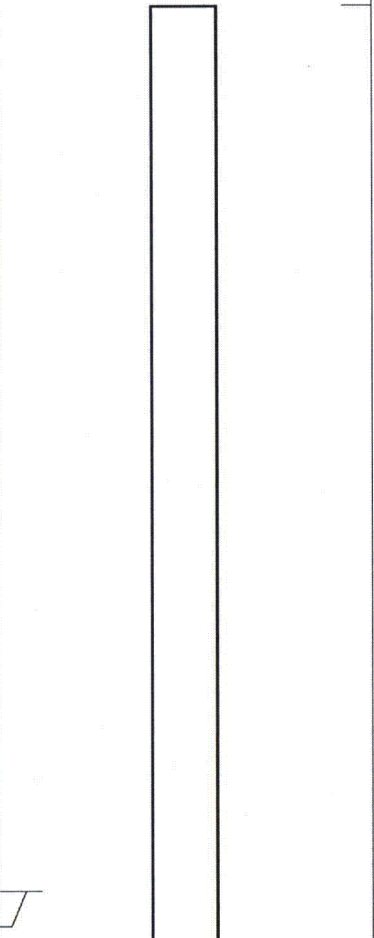


### Downhole Calibration

Internal:	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Deep	-43.158	78.288	mmho-m	-42.562	77.982	mmho-m	0.993	0.275
Medium	-9.475	466.701	mmho-m	-8.097	466.698	mmho-m	0.997	1.351
Shallow	2.514	0.025	V	494.500	2.000	Ohm-m	197.896	-3.011

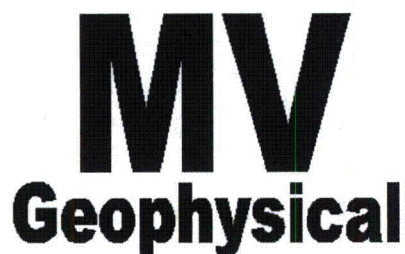
### After Survey Verification

Internal:	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho-m	-43.158	78.288	mmho-m	0.993	0.275
Medium	0.000	0.000	mmho-m	-9.475	466.701	mmho-m	0.997	1.351
Shallow	0.000	0.000	Ohm-m	494.500	2.000	Ohm-m	1.000	0.000



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CILD SP	10.60 10.60		DIL-R (5390)	20.90	4.00	345.00
CILM	6.80					
RLL3	1.70					
Dataset: Total Length: Total Weight: O.D.			ltpdzm1a.db: field/well/run1/pass12 20.90 ft 345.00 lb 4.00 in			





# BOREHOLE COMPENSATED SONIC w/ VARIABLE DENSITY LOG

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Company FP&L  
Well Turkey Point DZMW-1  
Field Florida City  
County Miami-Dade  
State/Prv Florida

Company **FP&L**  
Well **Turkey Point DZMW-1**  
Field **Florida City**  
County **Miami-Dade** State/Prv **Florida**

Location  
**FPL Turkey Point Power Plant**  
**LAT: 25 25' 19" N LONG: 80 20' 08" W**  
**McNabb Hydrogeologic Consulting, Inc.**

Other Services  
XY/GR,FCT  
DIL,BHC  
FLO,TDS

Permanent Datum Pad Level Elevation  
Log Measured From Pad Level  
Drilling Measured From Pad Level

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

Date	17-MAY-2012		
Run Number	SIX		
Depth Driller	1905'		
Depth Logger	1905'		
Bottom Logged Interval	1897'		
Top Log Interval	1045'		
Open Hole Size	12.25"		
Type Fluid	H2O		
Density / Viscosity	NA/NA		
Max. Recorded Temp.	see FCT log		
Estimated Cement Top	SURFACE		
Time Well Ready	13:00 5/17/2012		
Time Logger on Bottom	17:15 5/17/2012		
Equipment Number	MVGS-1		
Location	Ft. Myers		
Recorded By	S.Miller		
Witnessed By	M.Clasen (MHC)	K.Greuel (LCC)	

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	1102'	1905'
TWO	42"	SURFACE	258'				
THREE	12.25"	255'	1110'				
FOUR	32.5"	255'	1110'				
Casing Record		Size	Wgt/Ft	Top		Bottom	
Surface String		44"	0.375" WT	SURFACE		36'	
Prot. String		34"	0.375" WT	SURFACE		255'	
Production String		24"	0.375" WT	SURFACE		1102'	
Liner						LTPDZM1A.db	
Invoice No.		2012102	P.O. #:	8fld/las/pdf		* FINAL PRINT *	



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 interpretation, and we shall not, except in the case of gross or willful 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 set out in our current Price Schedule.

### Comments

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Sonic Porosity was run on a Limestone Matrix (=47.5)

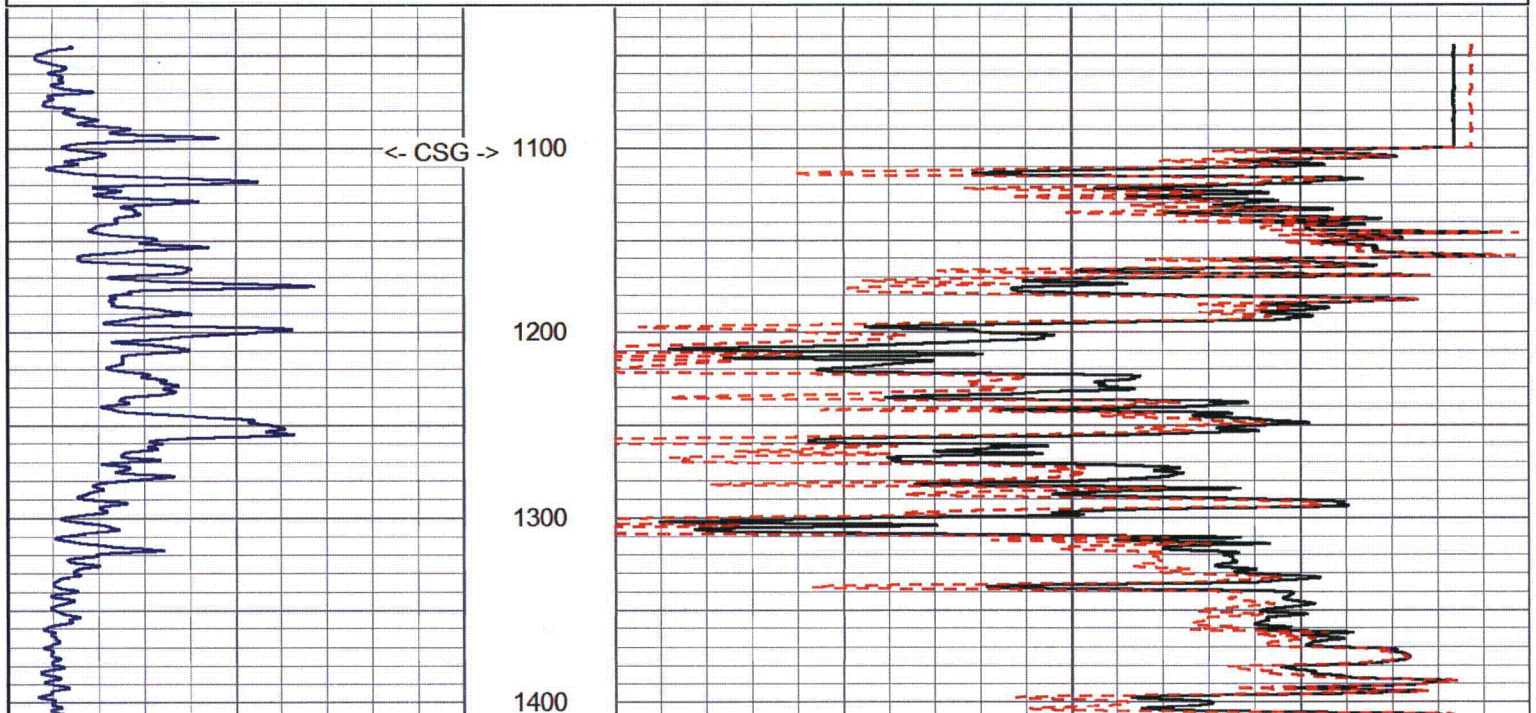
Drill Pipe set to 1076'

**MV**  
**Geophysical**

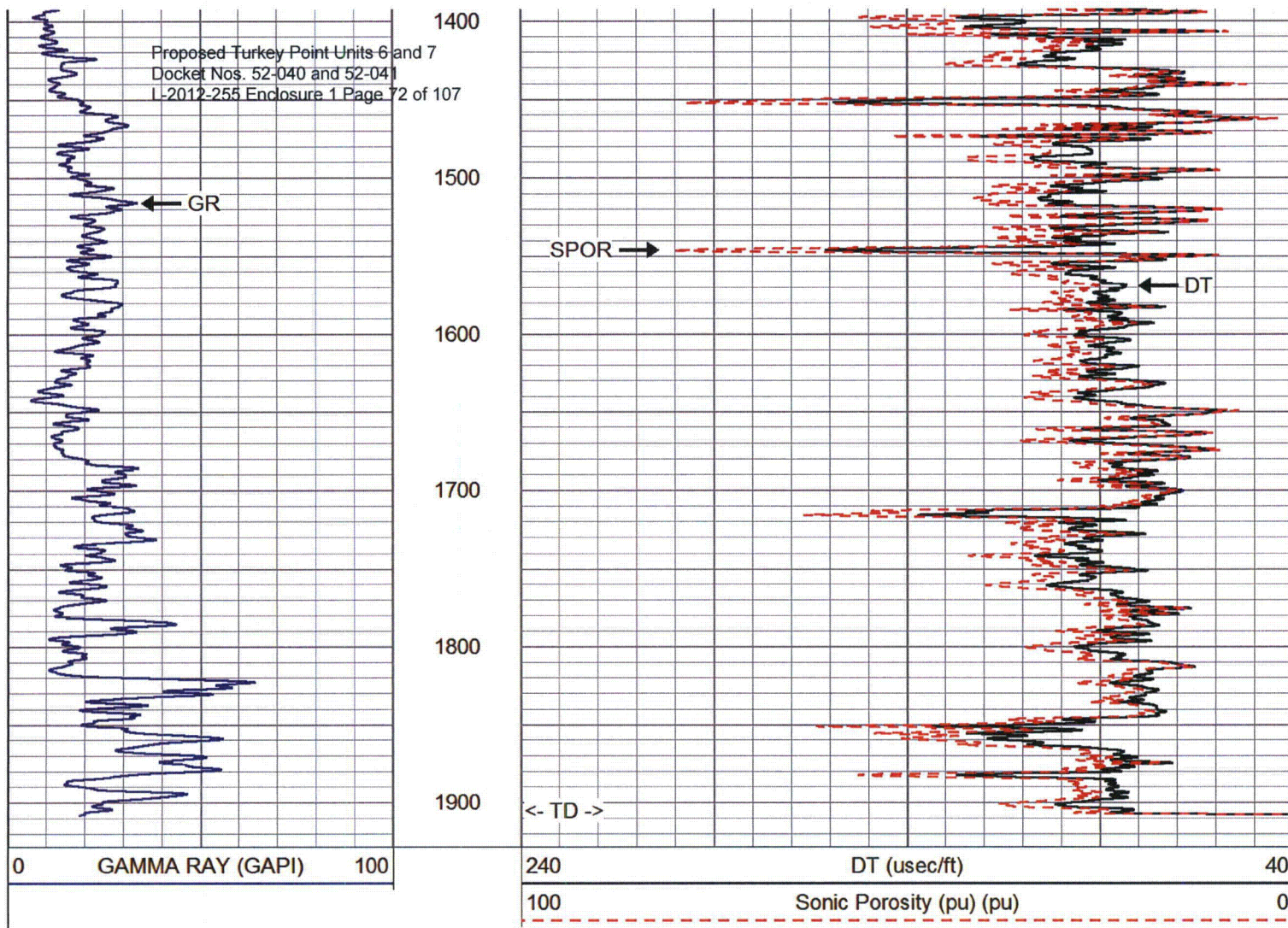
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0	GAMMA RAY (GAPI)	100	240	DT (usec/ft)	40
			100	Sonic Porosity (pu) (pu)	0



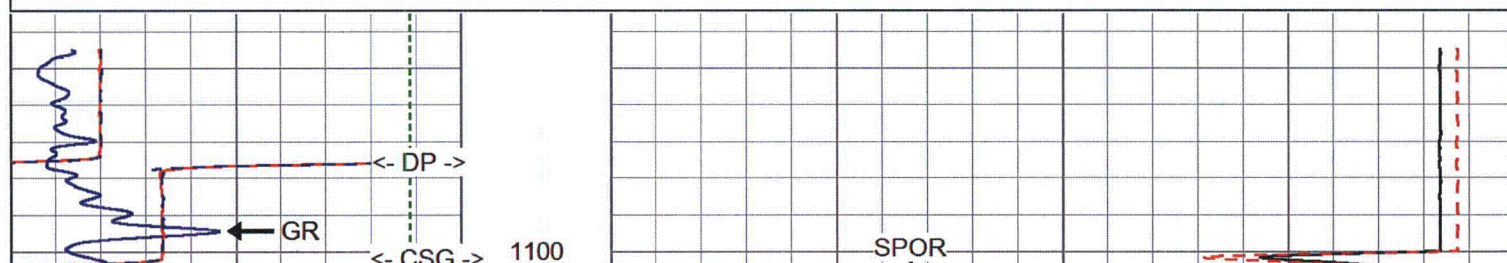




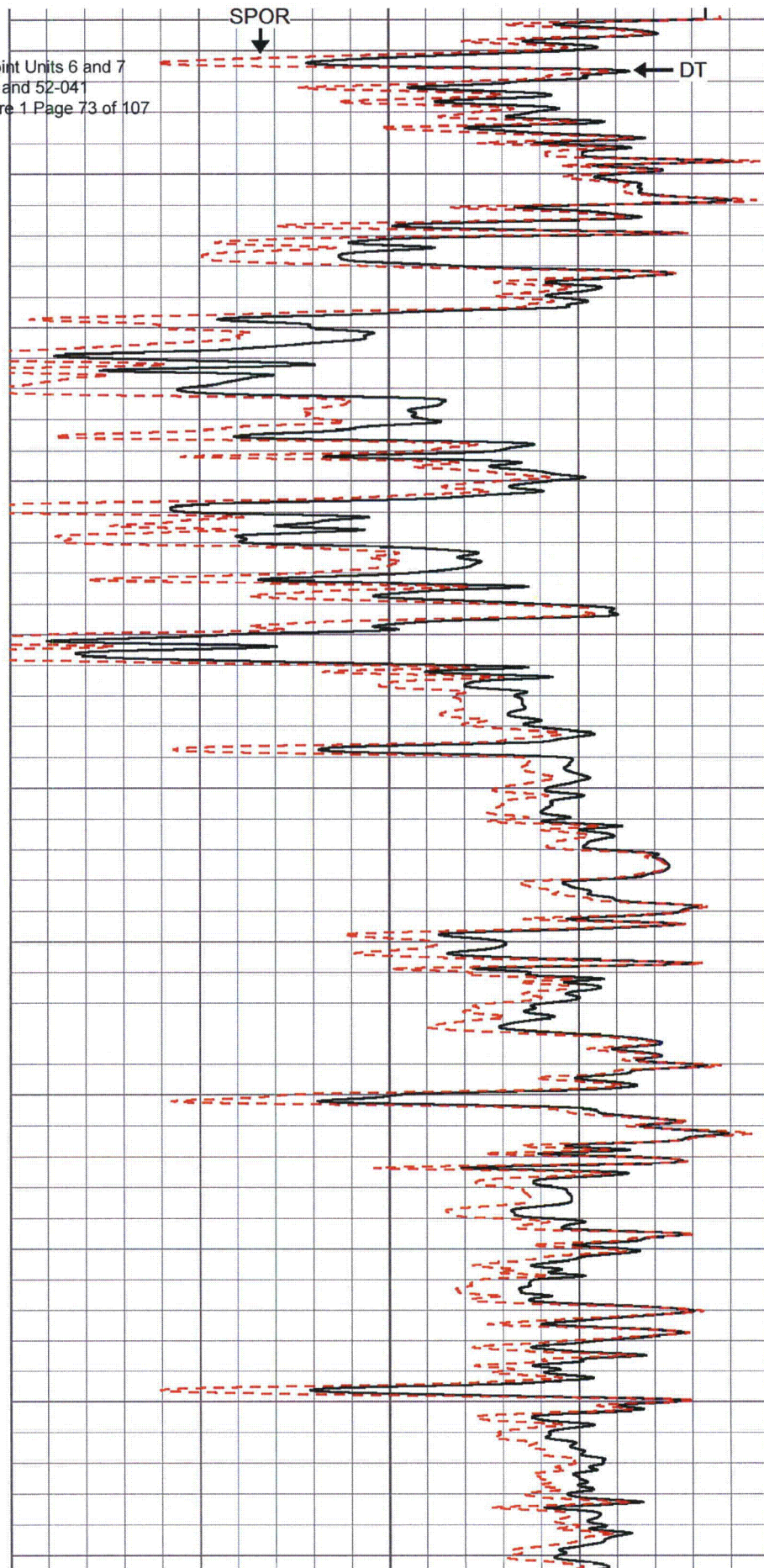
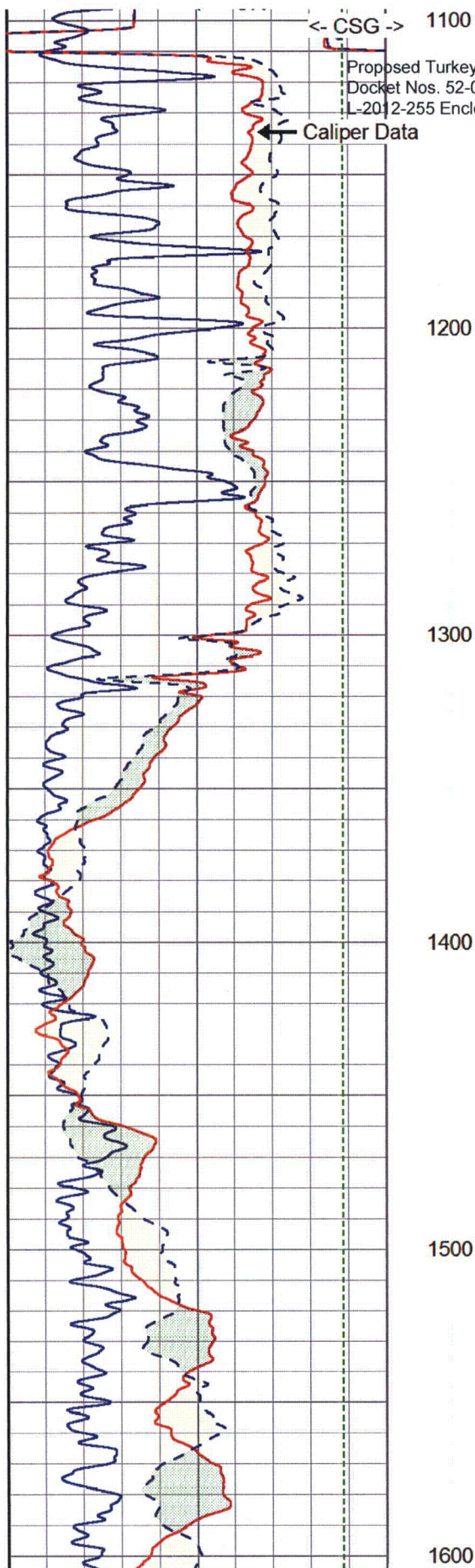
**MV**  
Geophysical

## MAIN PASS

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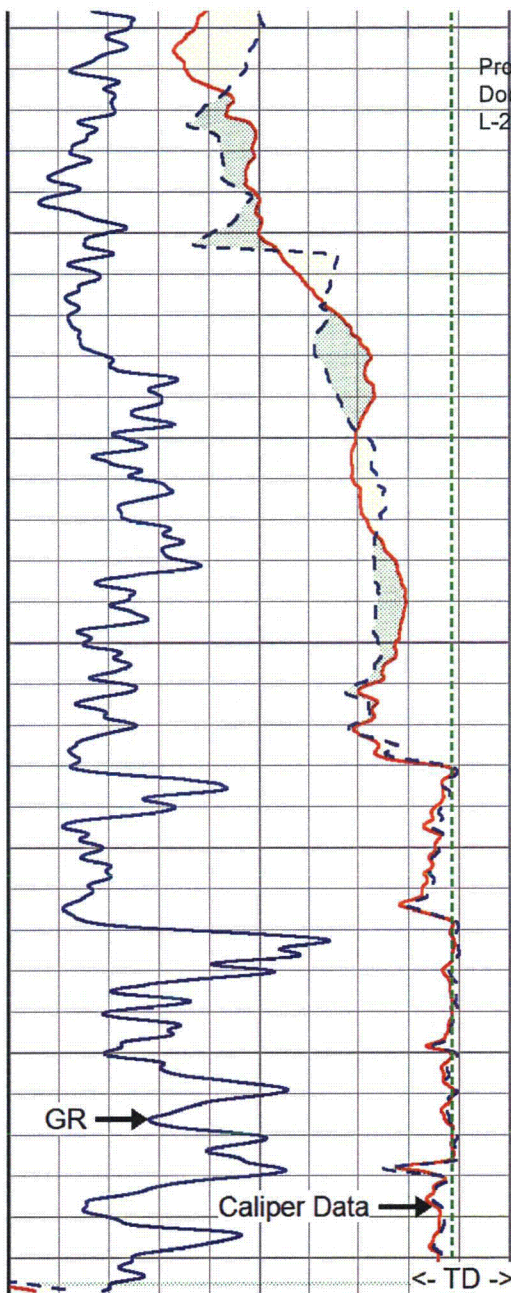
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1700

1800

1900

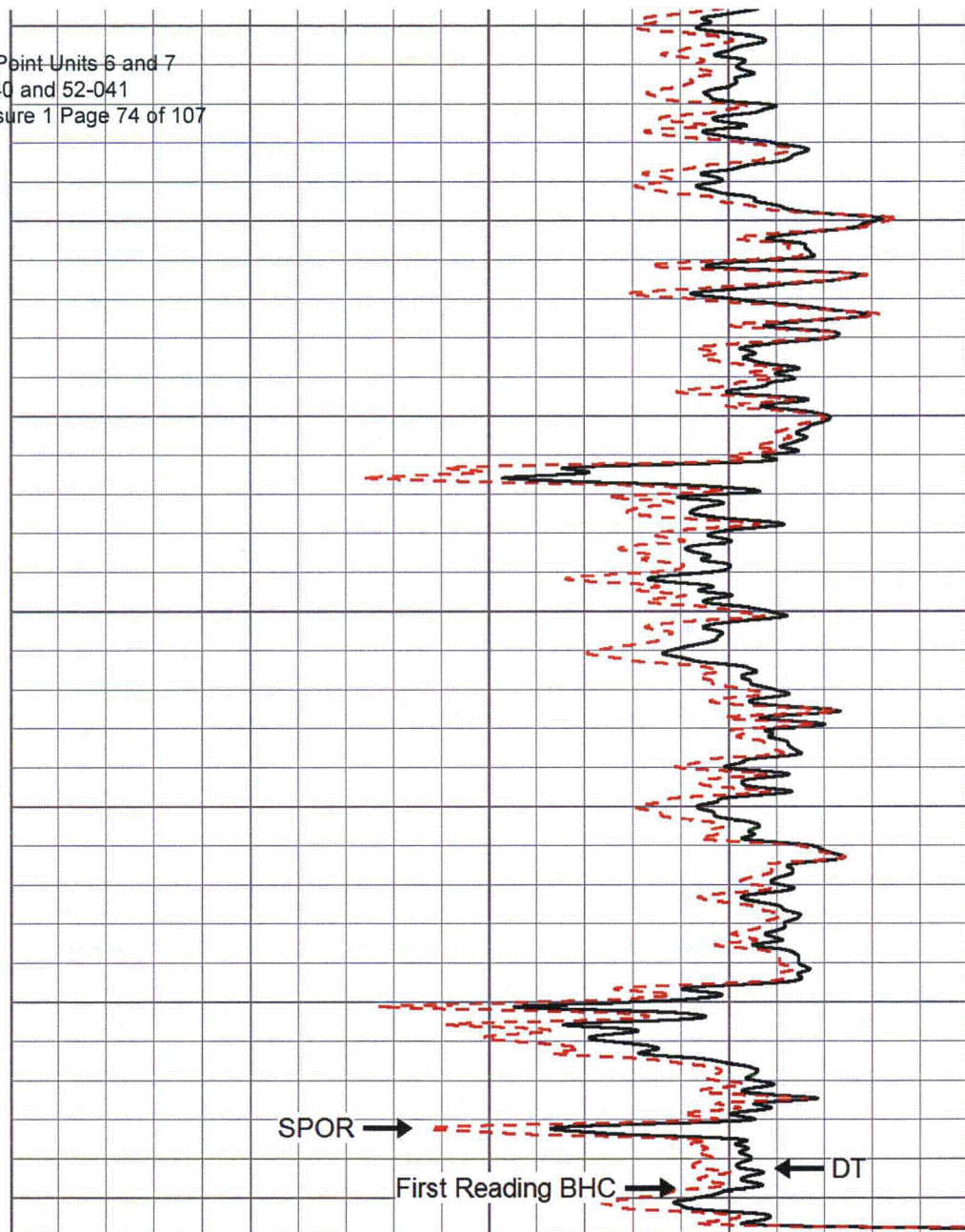


0	GAMMA RAY (GAPI)	100
30	XCAL (in)	10
30	YCAL (in)	10

SPOR

First Reading BHC

DT



240	DT (usec/ft)	40
100	Sonic Porosity (pu) (pu)	0

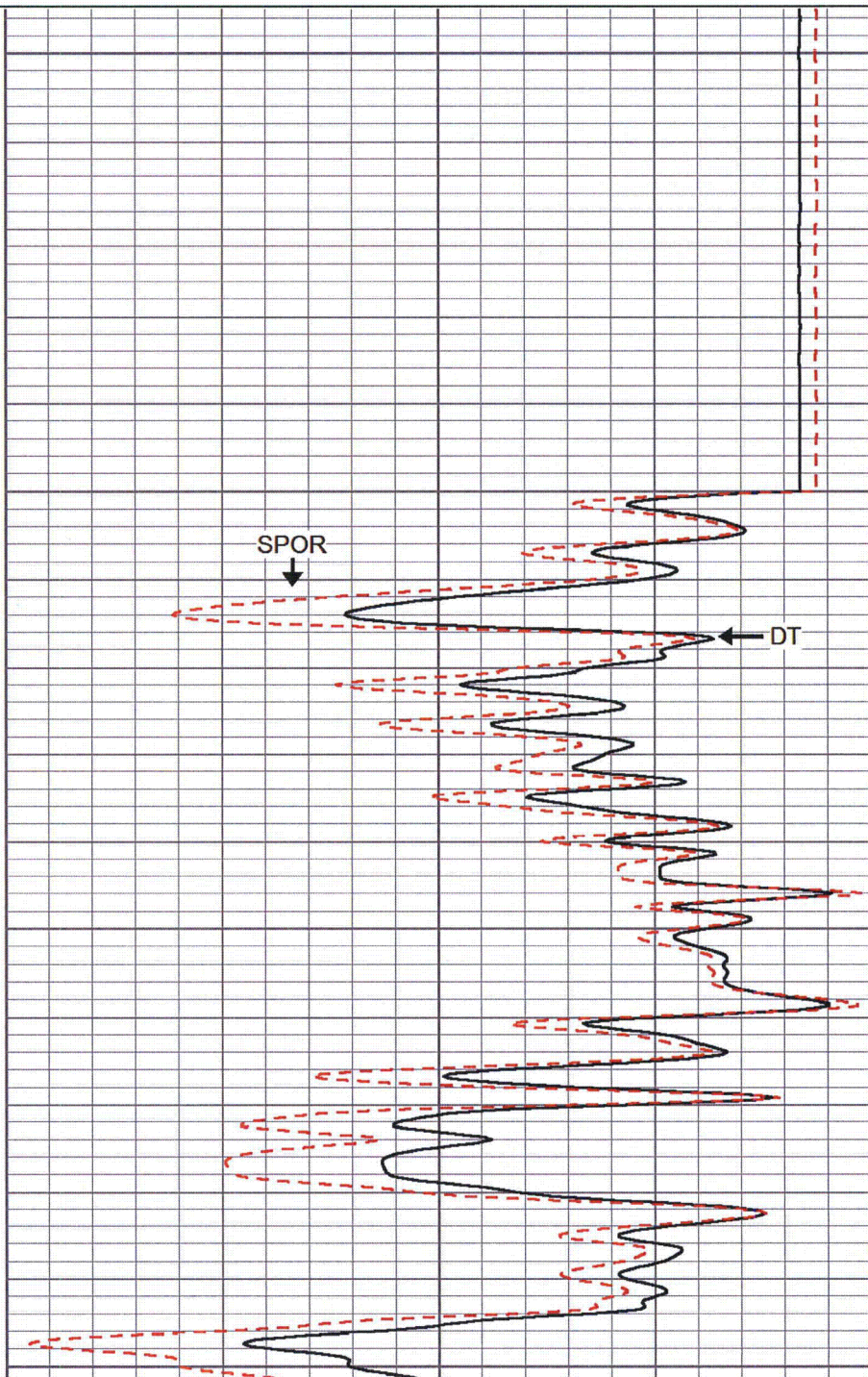
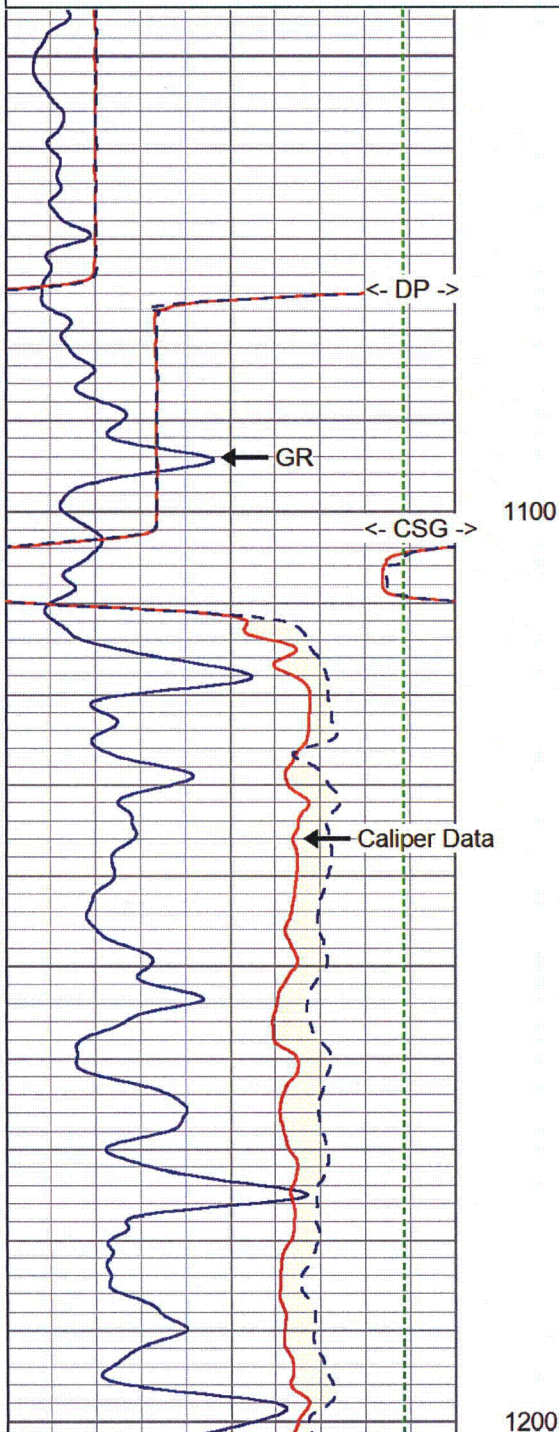


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0	GAMMA RAY (GAPI)	100
30	XCAL (in)	10
30	YCAL (in)	10

240	DT (usec/ft)	40
100	Sonic Porosity (pu) (pu)	0



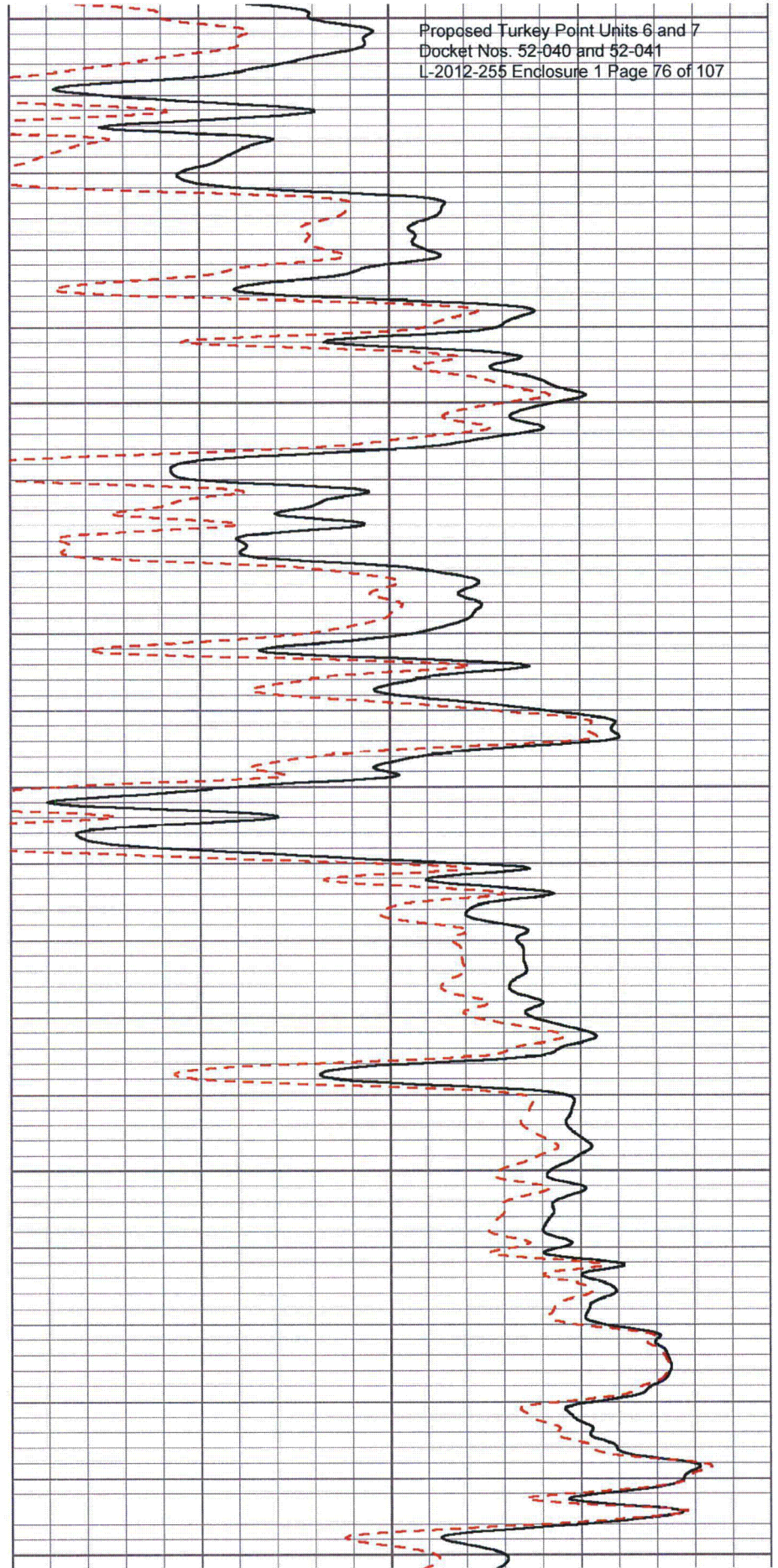
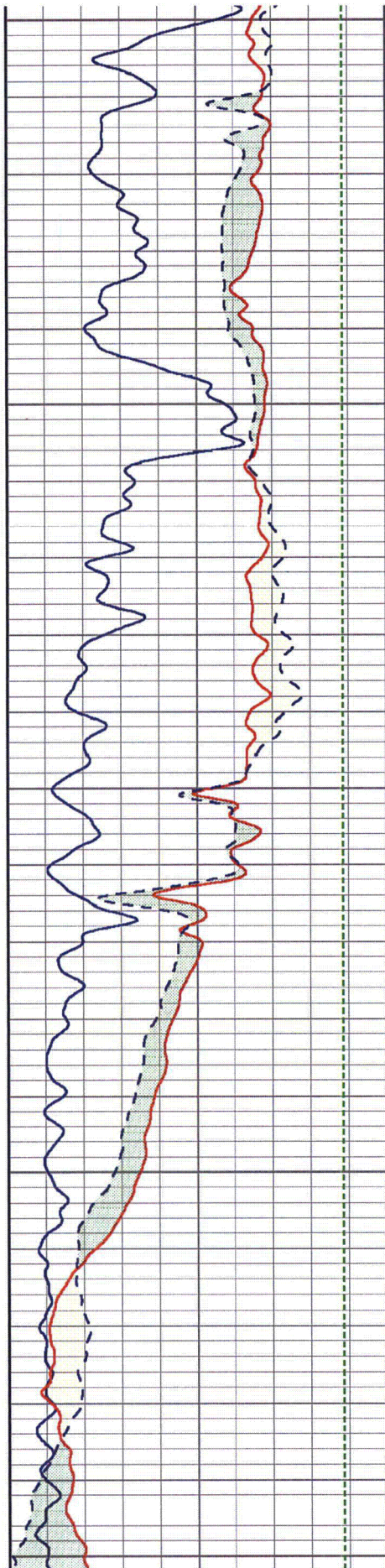


1200

1300

1400

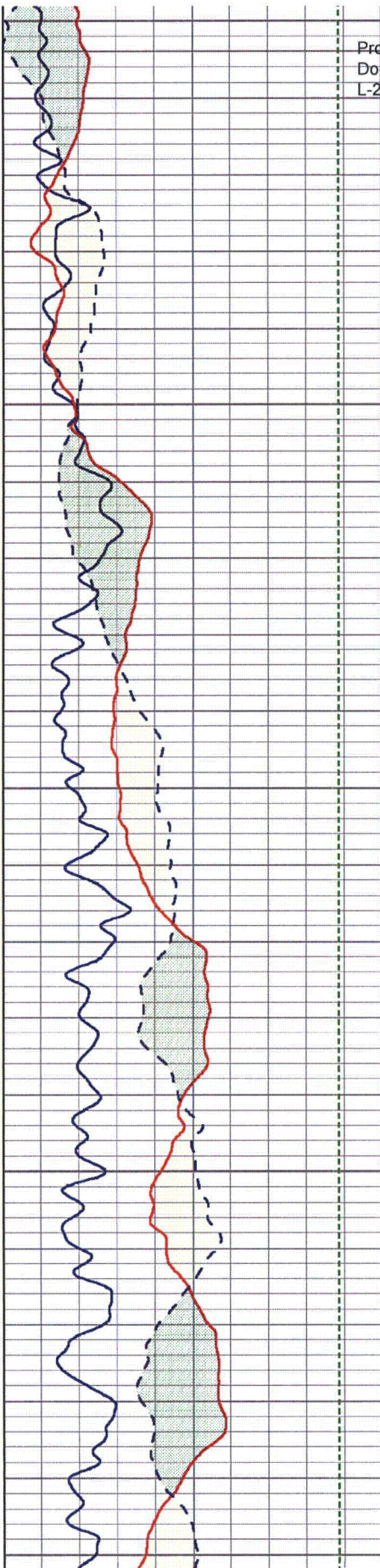
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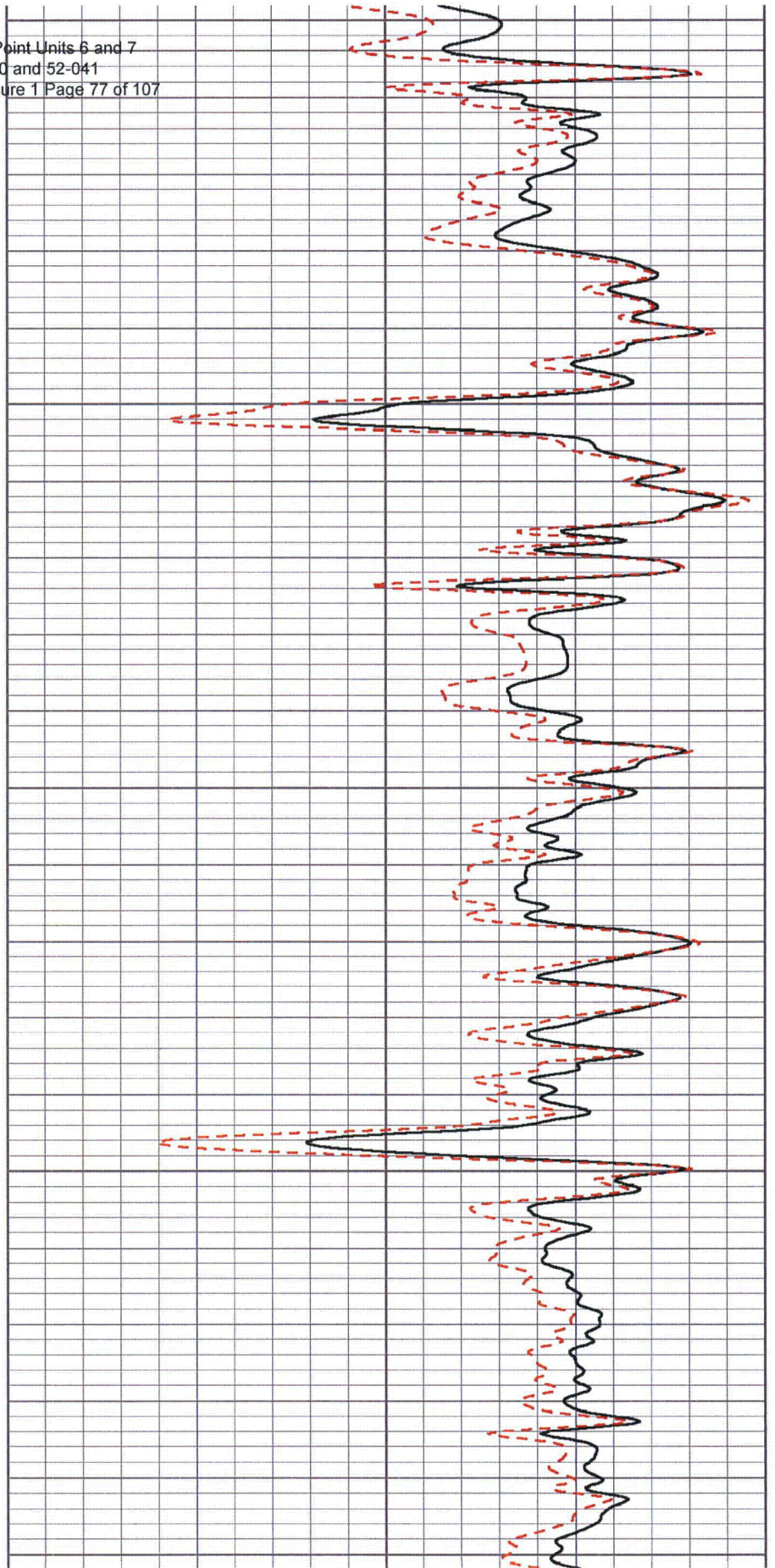
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1500

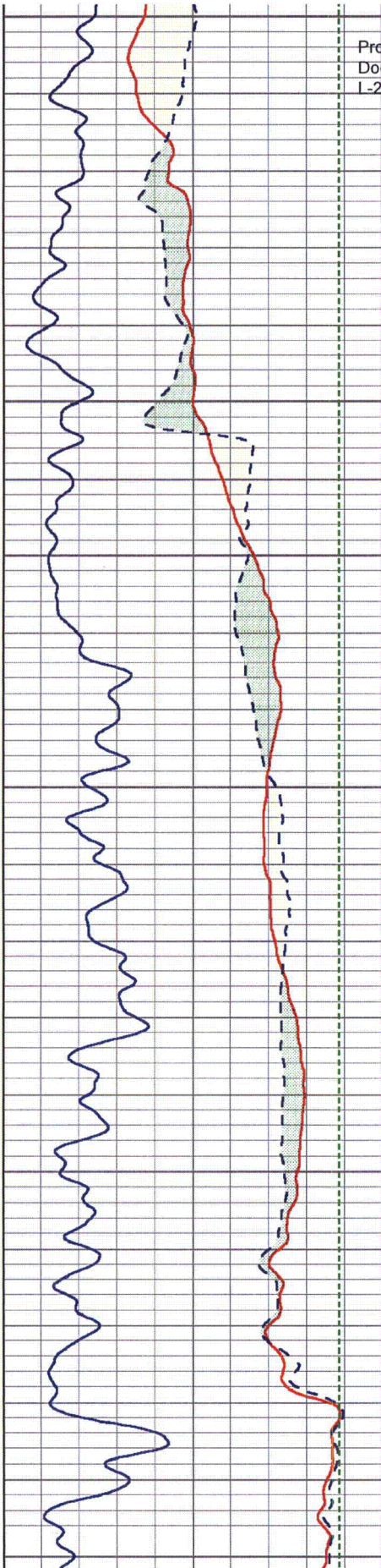
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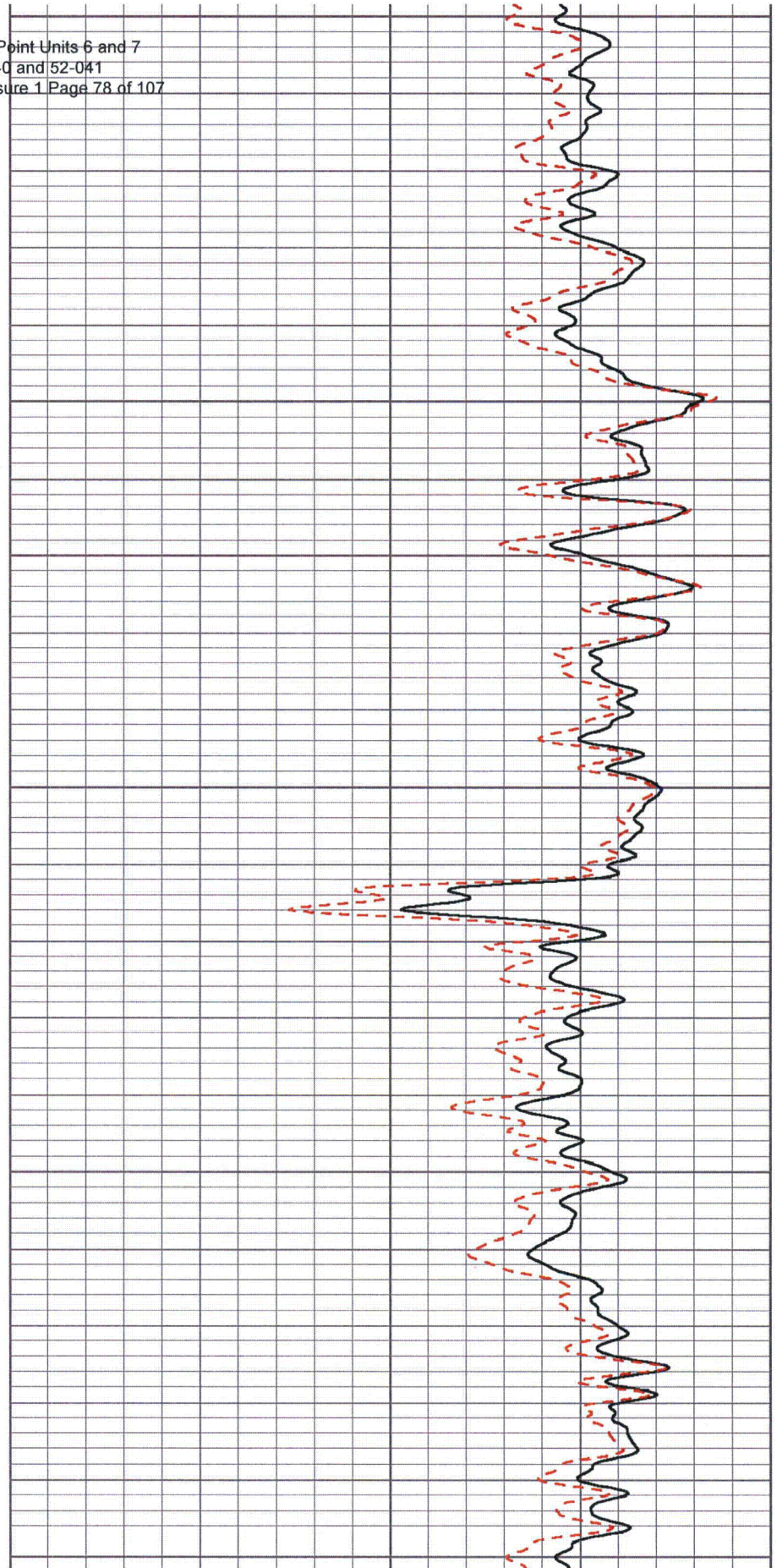
1600

Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
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1700

1800

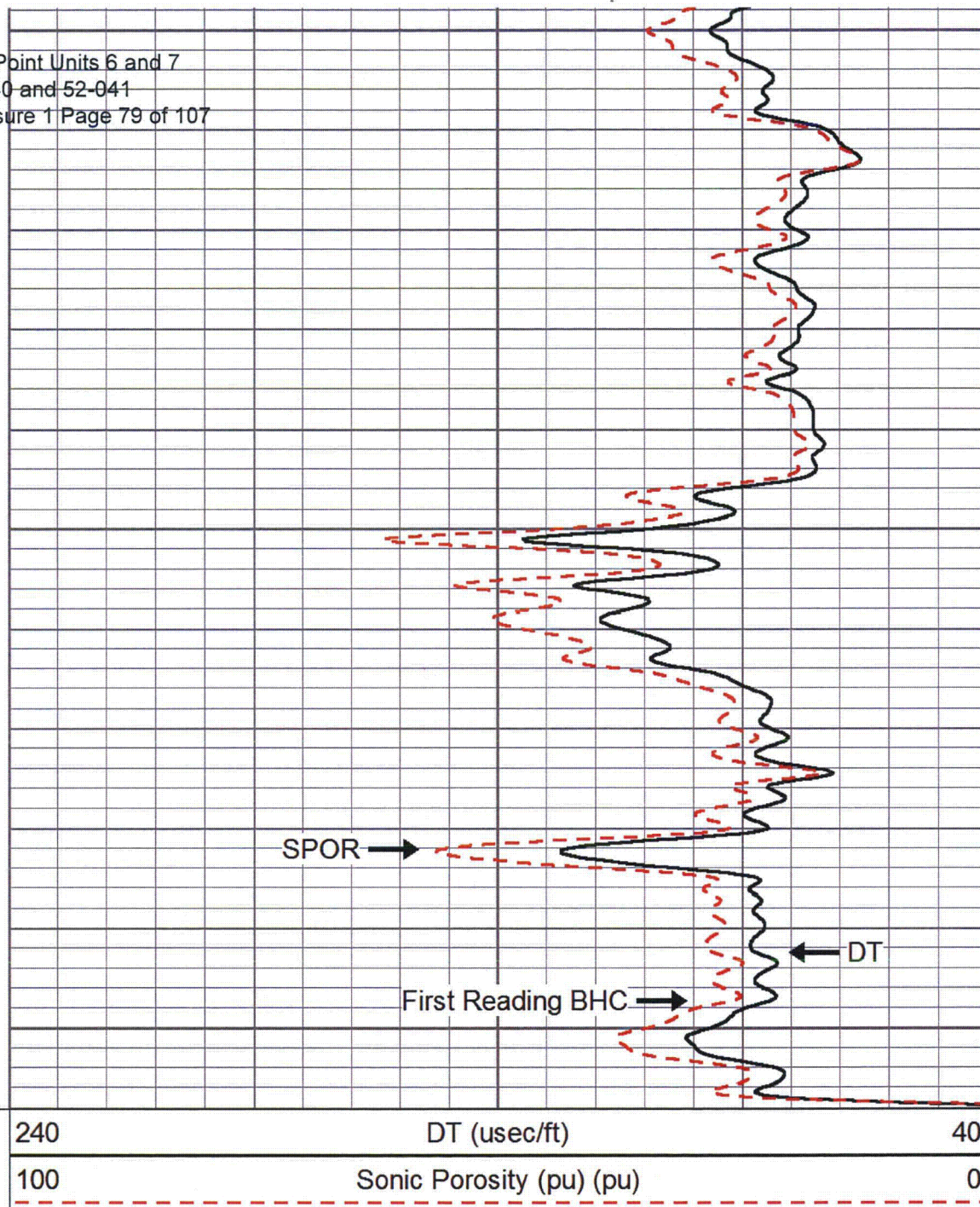
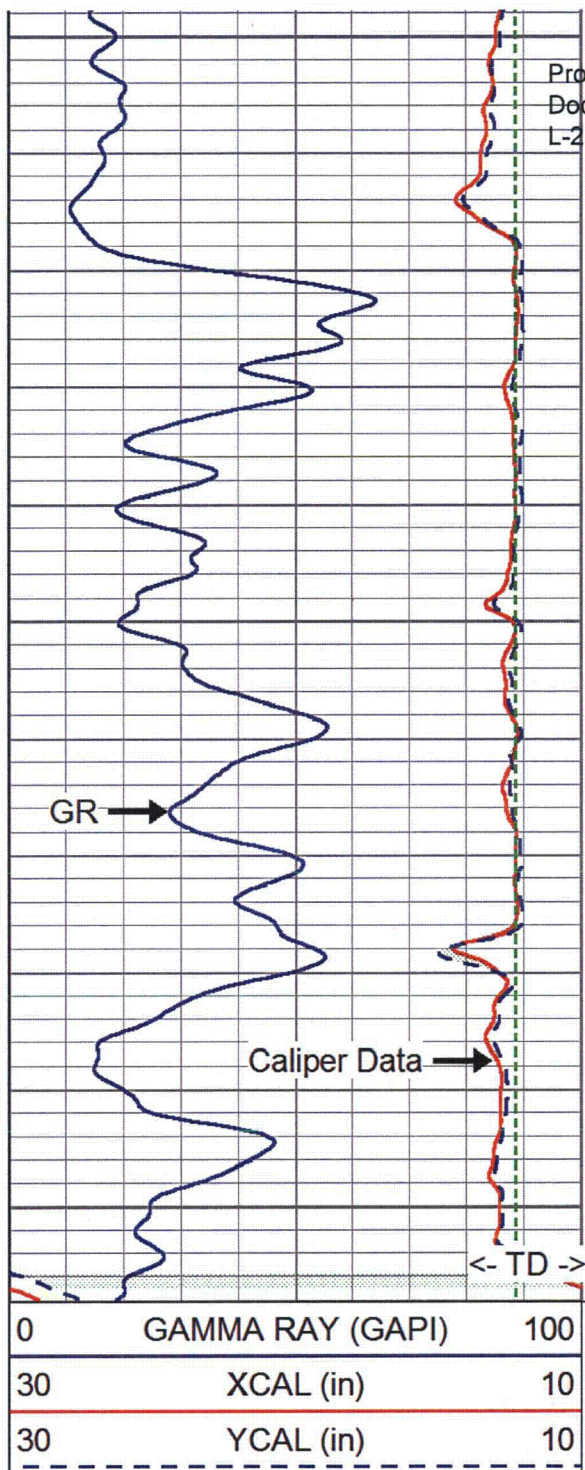




1800

Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
L-2012-255 Enclosure 1 Page 79 of 107

1900





Database File: ltpdzm1a.db  
 Dataset Pathname: MAIN  
 Presentation Format: son\_vdl  
 Dataset Creation: Thu May 17 15:25:55 2012  
 Charted by: Depth in Feet scaled 1:240

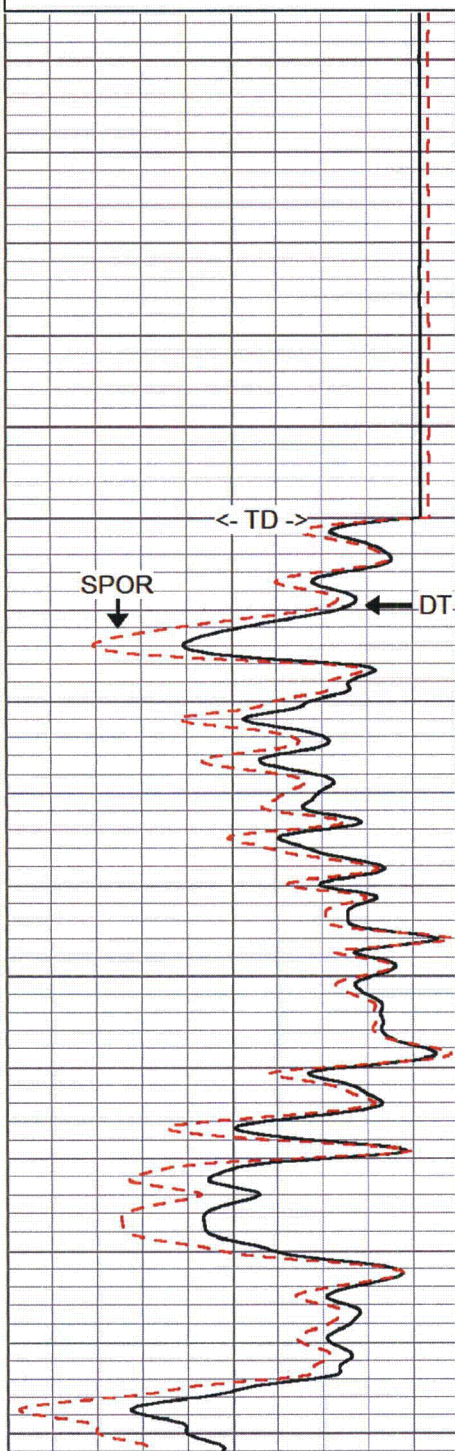
Proposed Turkey Point Units 6 and 7  
 Docket Nos. 52-040 and 52-041  
 L-2012-255 Enclosure 1 Page 80 of 107

240	DT (usec/ft)	40
100	SONIC POROSITY (pu)	0

200

VARIABLE DENSITY LOG

1200

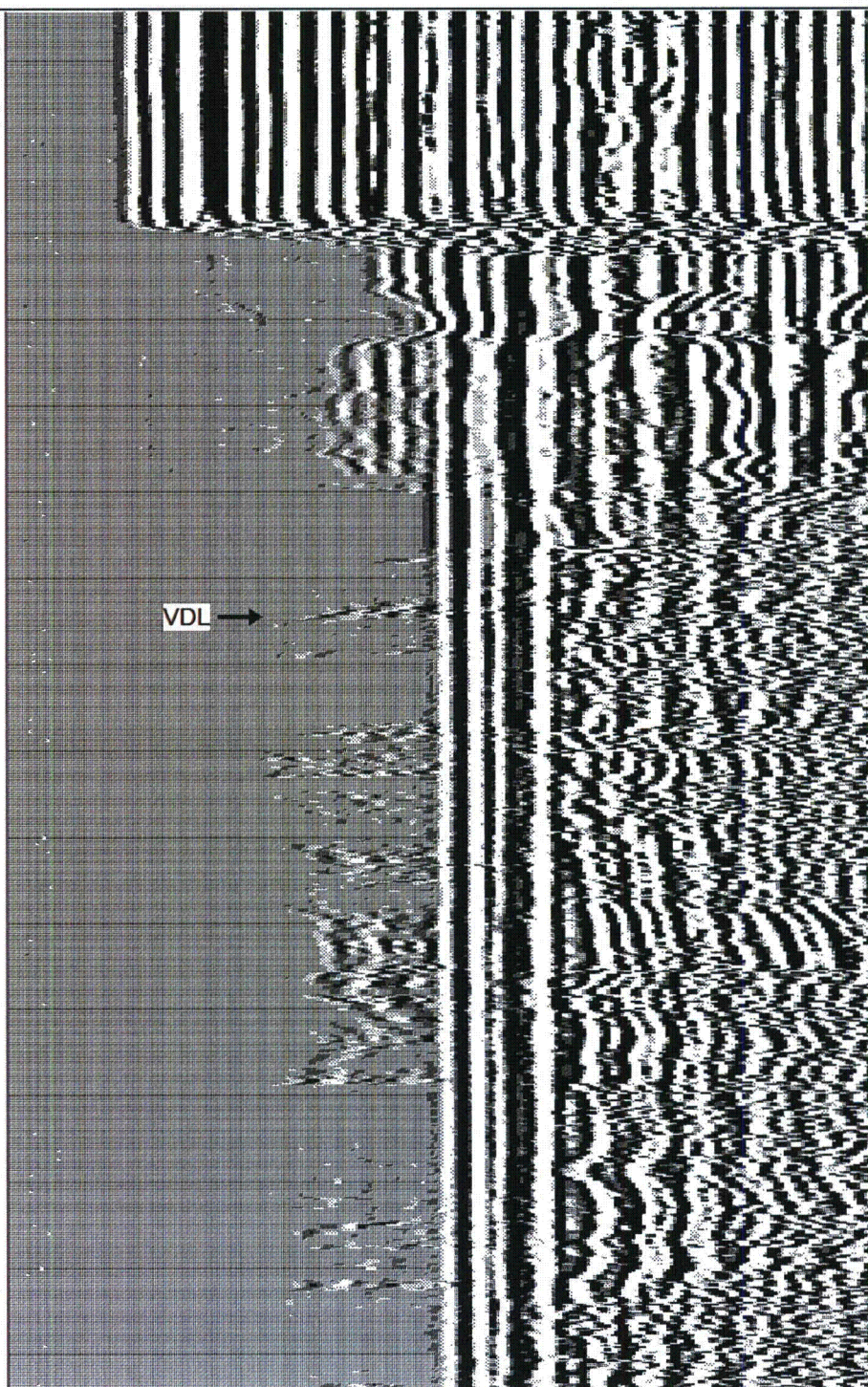


<- DP ->

1100

VDL →

1200



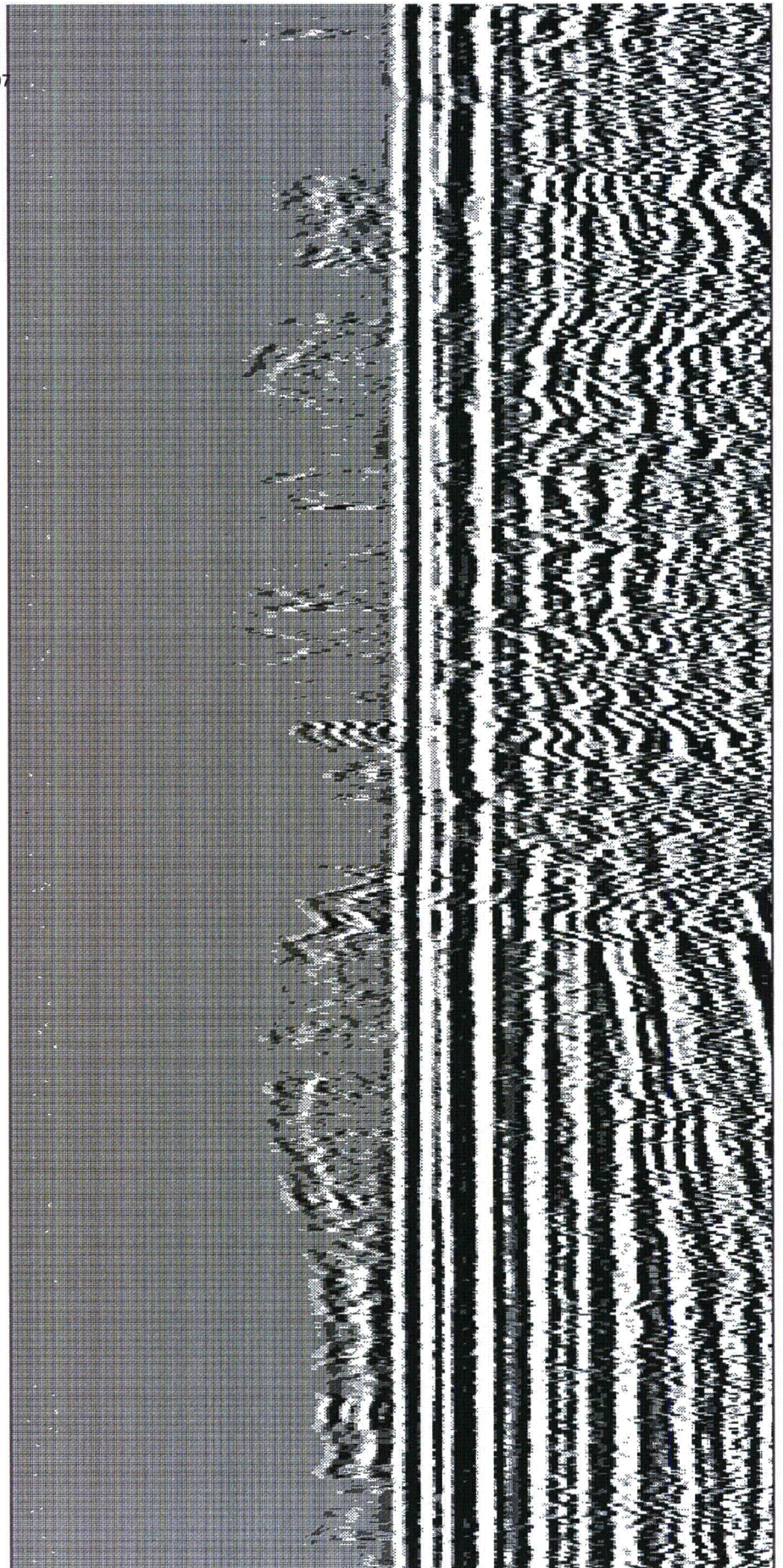


1200

Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
L-2012-255 Enclosure 1 Page 81 of 107

1300

1400



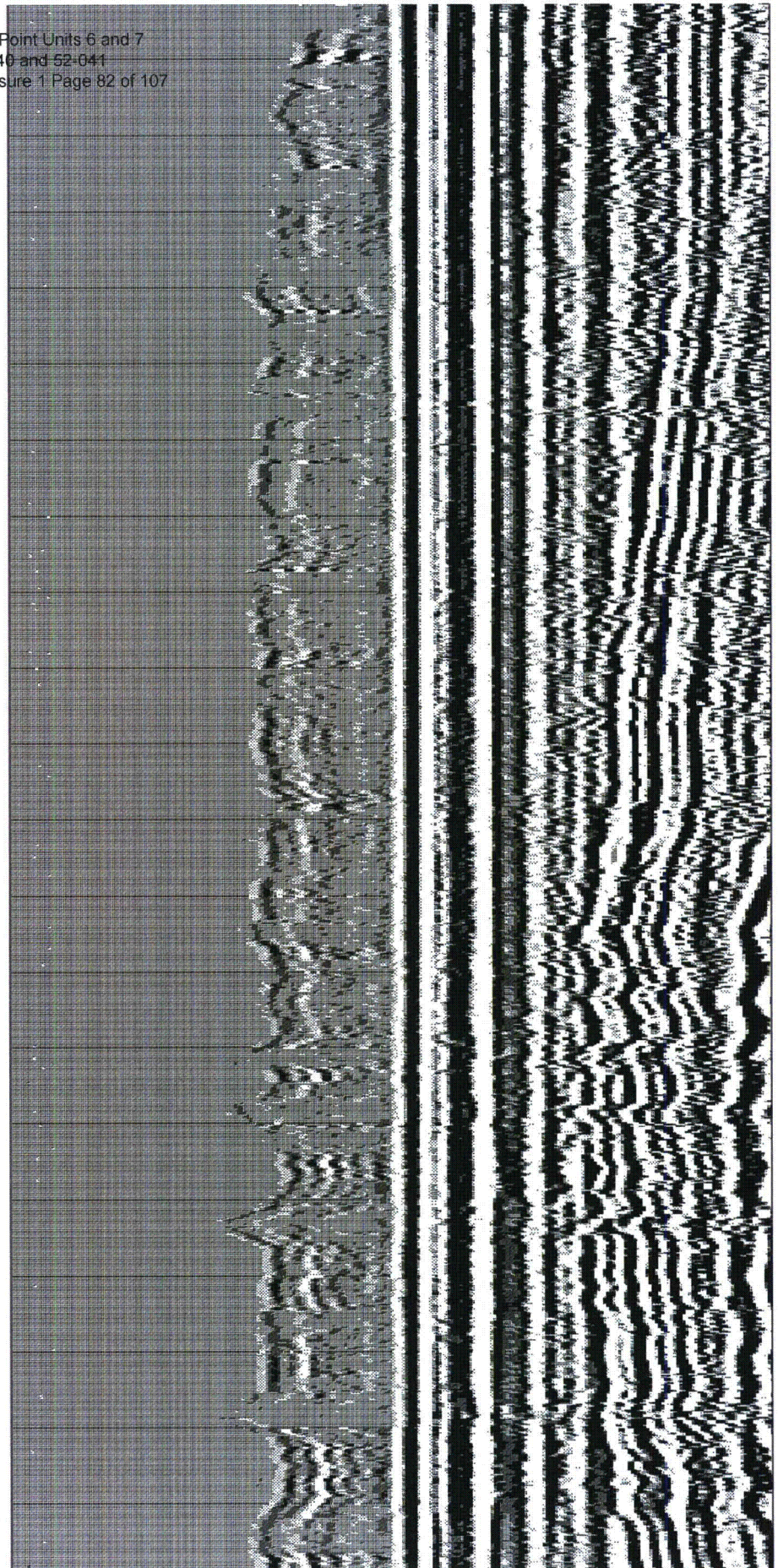


1400

Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
L-2012-255 Enclosure 1 Page 82 of 107

1500

1600



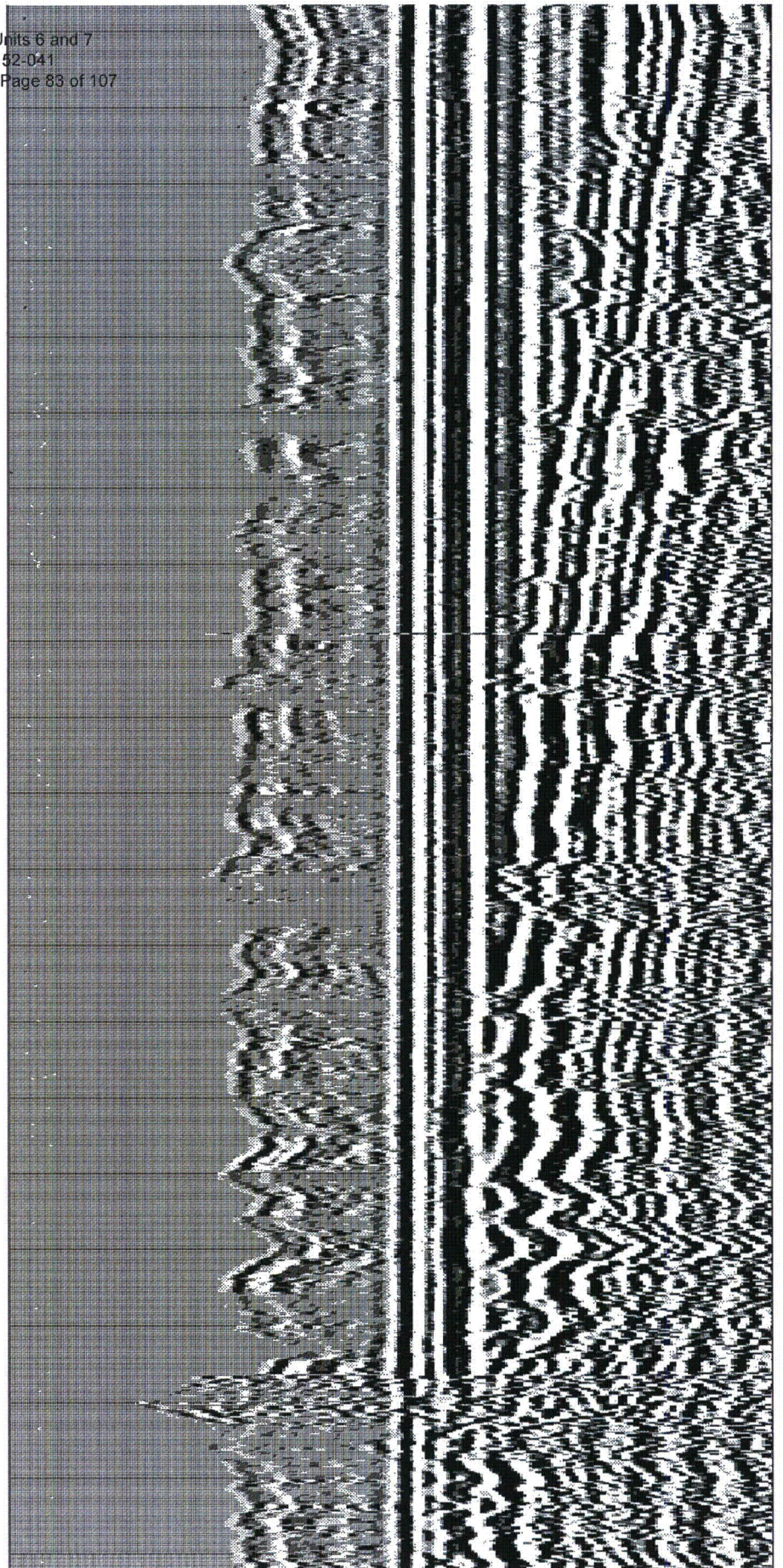


1600

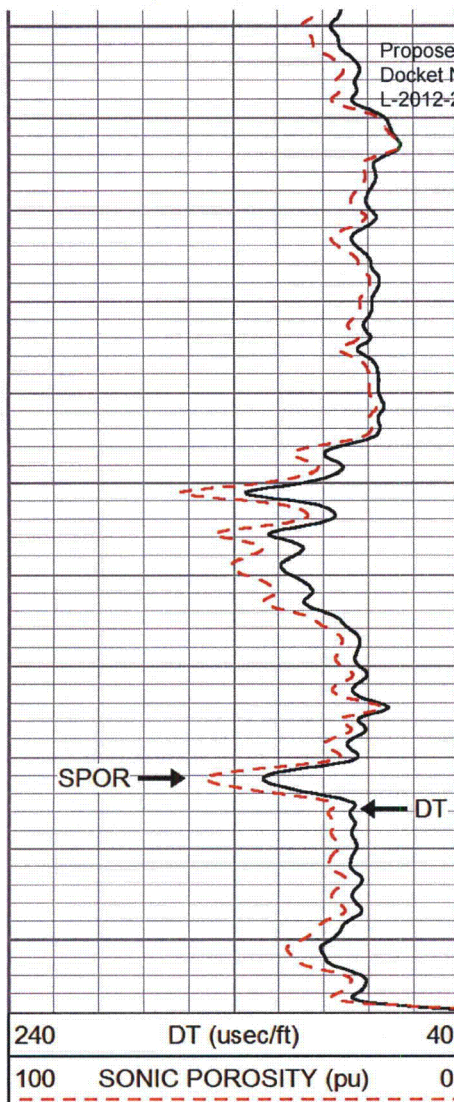
Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
L-2012-255 Enclosure 1 Page 83 of 107

1700

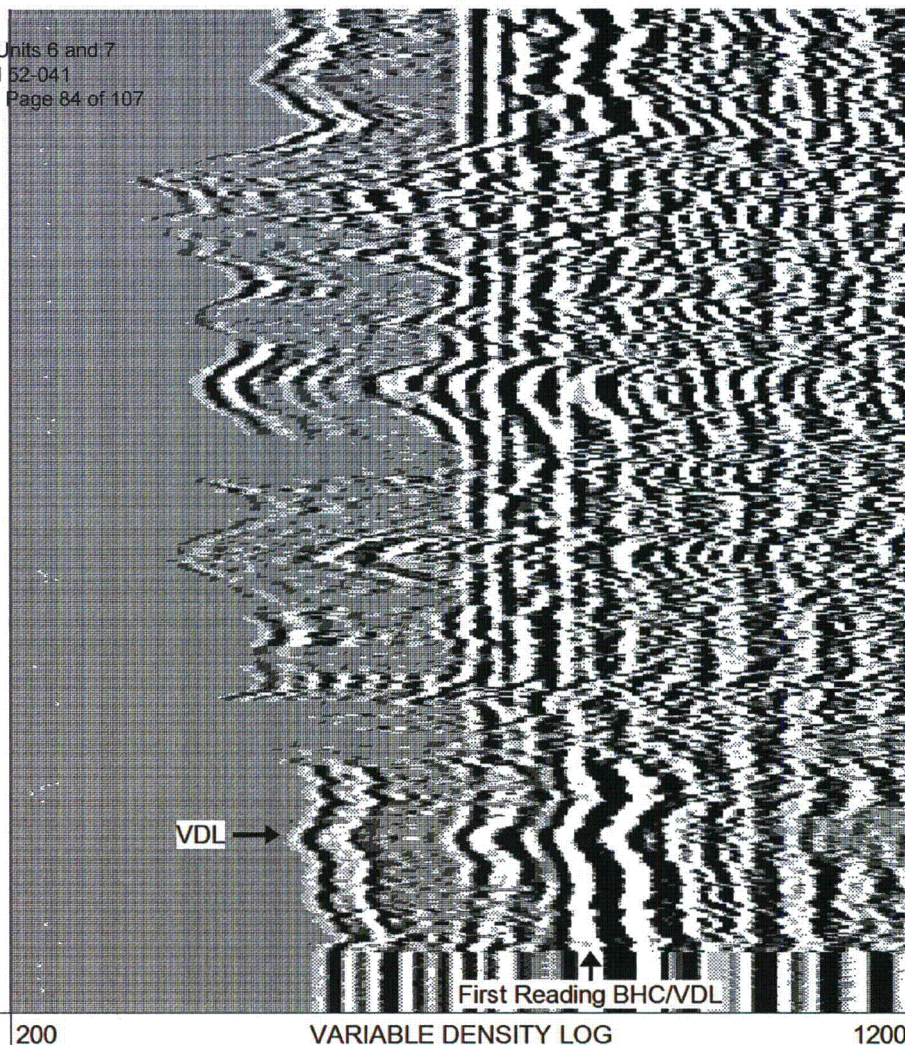
1800







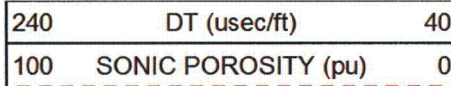
<- TD ->



**MV**  
Geophysical

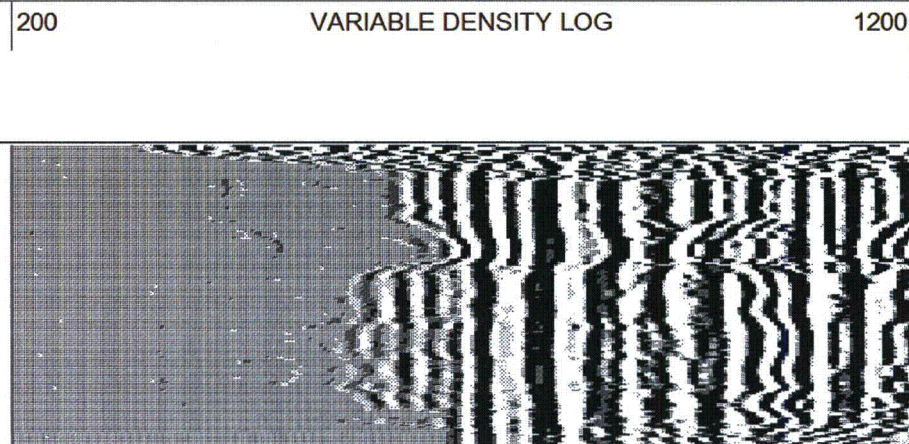
## REPEAT SECTION

Database File: ltpdzm1a.db  
Dataset Pathname: REPEAT  
Presentation Format: son\_vdl  
Dataset Creation: Thu May 17 15:29:06 2012  
Charted by: Depth in Feet scaled 1:240

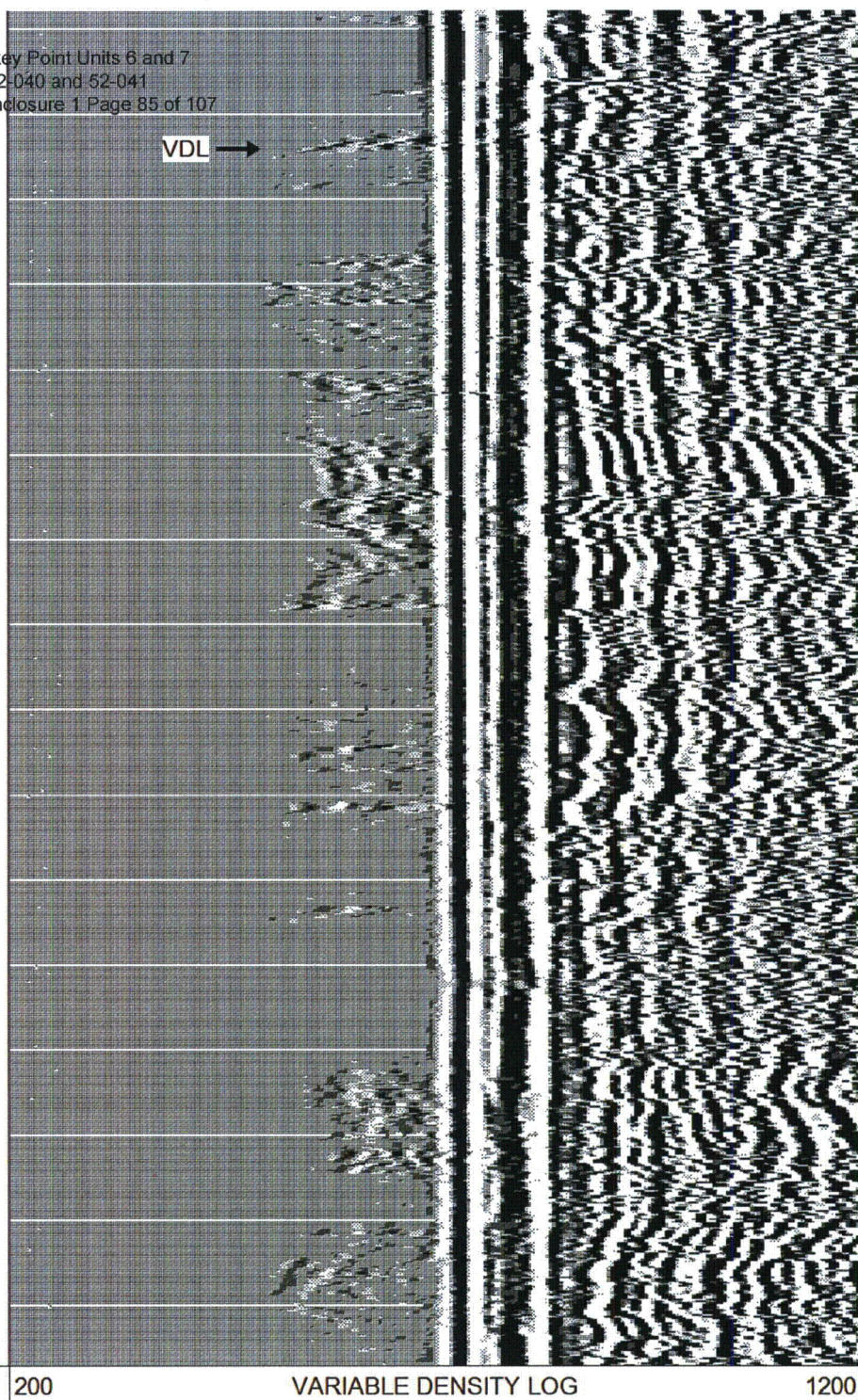
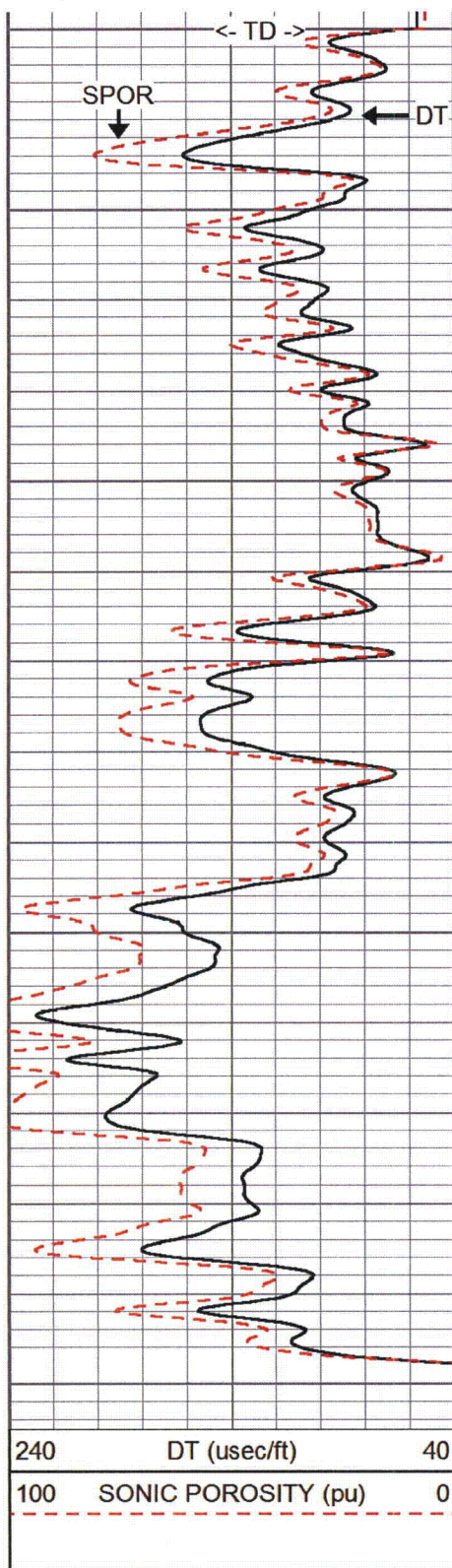


<- DP ->

1100



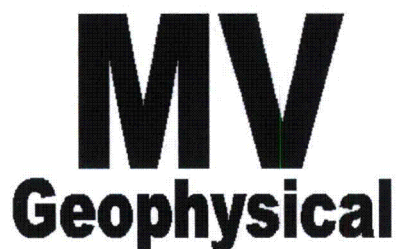












# FLUID CONDUCTIVITY TEMPERATURE LOG

Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
L-2012-255 Enclosure 1 Page 87 of 107

Company **FP&L**

Well **Turkey Point DZMW-1**

Field **Florida City**

County **Miami-Dade** State/Prv **Florida**

Location

FPL Turkey Point Power Plant  
LAT: 25 25' 19" N LONG: 80 20' 08" W  
McNabb Hydrogeologic Consulting, Inc.

Other Services  
XY/GR,FCT  
DIL,BHC  
FLO,TDS

Elevation

Permanent Datum

Pad Level

Elevation

Log Measured From

Pad Level

Drilling Measured From

Pad Level

K.B.  
D.F.  
G.L.

Company **FP&L**  
Well **Turkey Point DZMW-1**  
Field **Florida City**  
County **Miami-Dade**  
State/Prv **Florida**

Date	17-MAY-2012		
Run Number	SIX		
Depth Driller	1905'		
Depth Logger	1905'		
Bottom Logged Interval	1905' S	1860' D	
Top Log Interval	1045'		
Open Hole Size	12.25"		
Type Fluid	H2O		
Density / Viscosity	NA/NA		
Max. Recorded Temp.	see FCT log		
Estimated Cement Top	SURFACE		
Time Well Ready	13:00 5/17/2012		
Time Logger on Bottom	14:30 5/17/2012 S	21:00 5/17/2012 D	
Equipment Number	MVGS-1		
Location	Ft. Myers		
Recorded By	S.Miller		
Witnessed By	M.Clasen (MHC)	K.Greuel (LCC)	

## Borehole Record

## Tubing Record

Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	1102'	1905'
TWO	42"	SURFACE	258'				
THREE	12.25"	255'	1110'				
FOUR	32.5"	255'	1110'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	44"	0.375" WT	SURFACE	36'
Prot. String	34"	0.375" WT	SURFACE	255'
Production String	24"	0.375" WT	SURFACE	1102'
Liner				LTPDZM1A.db
Invoice No.	2012102	P.O. #:	8fld/las/pdf	* FINAL PRINT *



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#### Comments

Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
L-2012-255 Enclosure 1 Page 88 of 107

STATIC and DYNAMIC down passes were performed.

Cw =24,200 uS/cm @ 26.1 degC @ Q=300 gpm.

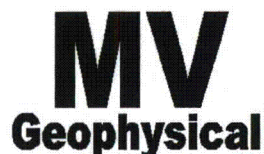
FLUID RESISTIVITY CALIBRATION REPORT (Performed: 8-MAY-12 09:15)

uS/cm	CPS
1,220.7	2510.25
20,370	1901.11
149,410	1548.35

TEMPERATURE CALIBRATION REPORT (Performed: 8-MAY-12 09:45)

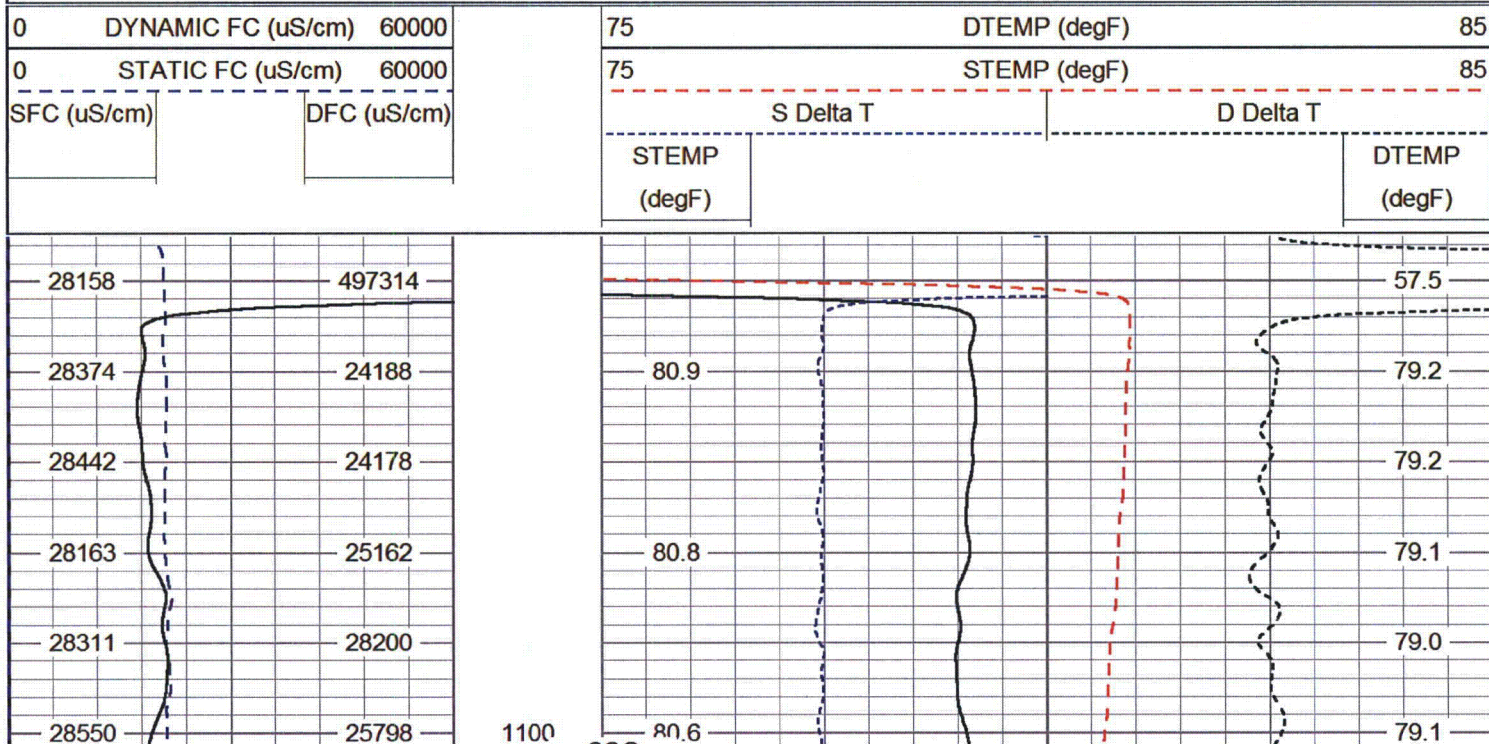
DEG-F	CPS
38.5	147.851
148.8	2690.21

Drill Pipe set to 1076'

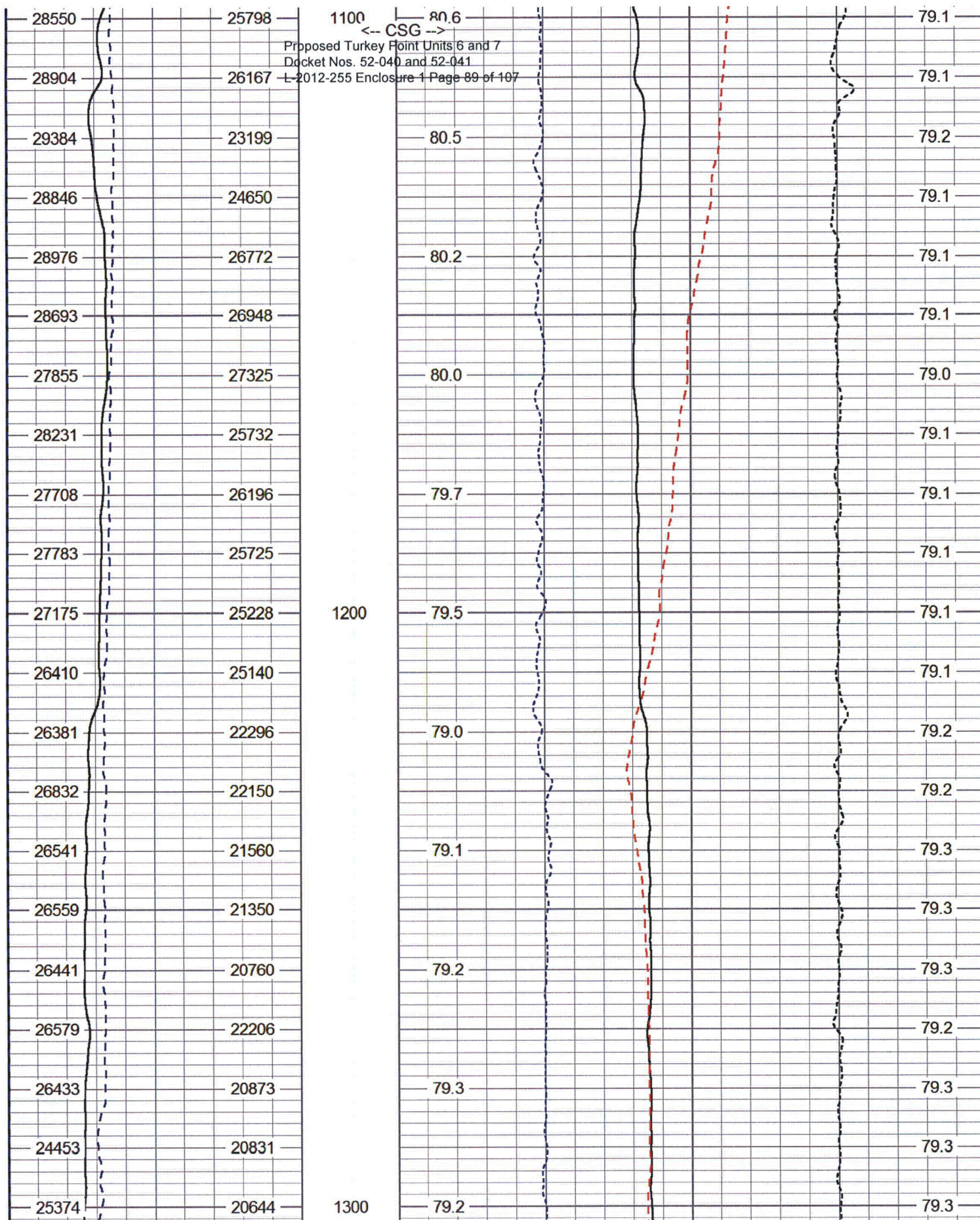


## S/D Merged FCT

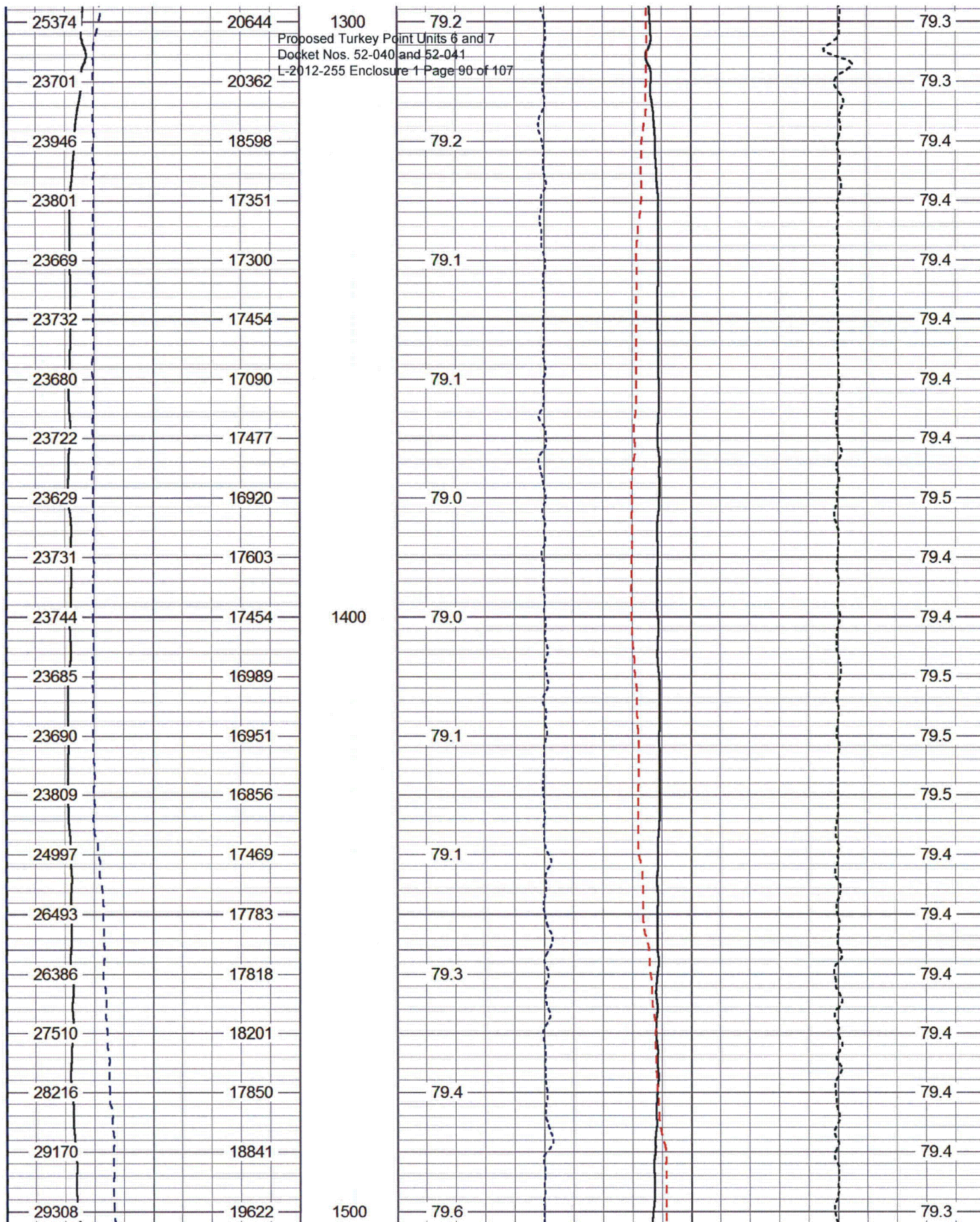
Database File: ltpdzm1a.db  
Dataset Pathname: SDFCT  
Presentation Format: fctsdm4  
Dataset Creation: Thu May 17 22:22:43 2012  
Charted by: Depth in Feet scaled 1:240













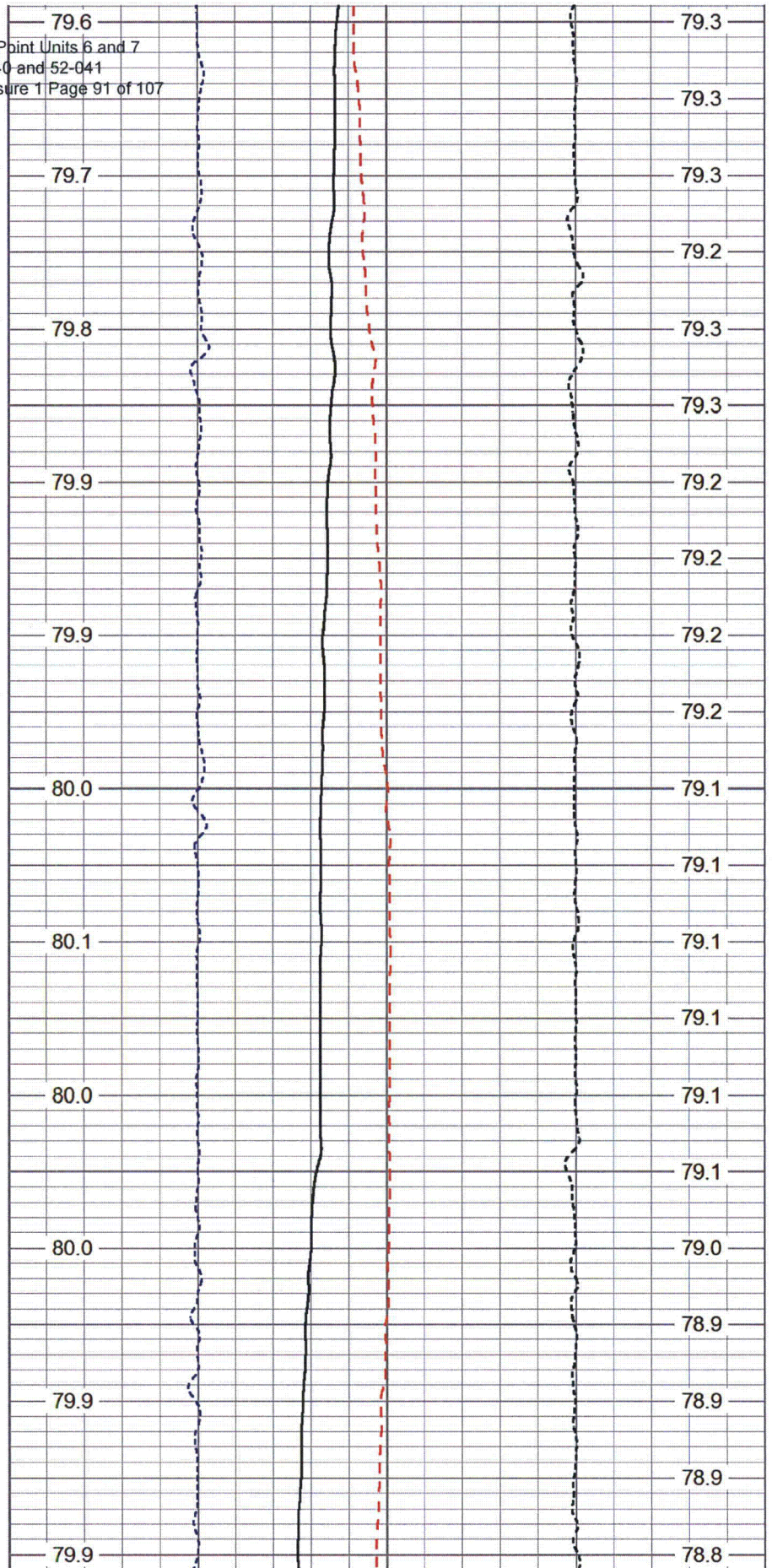
29308	19622
30621	20191
31954	20605
32637	22194
33025	21668
34411	21599
34518	22565
34543	22748
36929	24226
36930	23861
37718	24728
39042	25010
39852	24787
40941	25155
41041	25228
42425	26478
42697	28267
43133	29942
45008	30842
45104	31497
45019	32498

1500

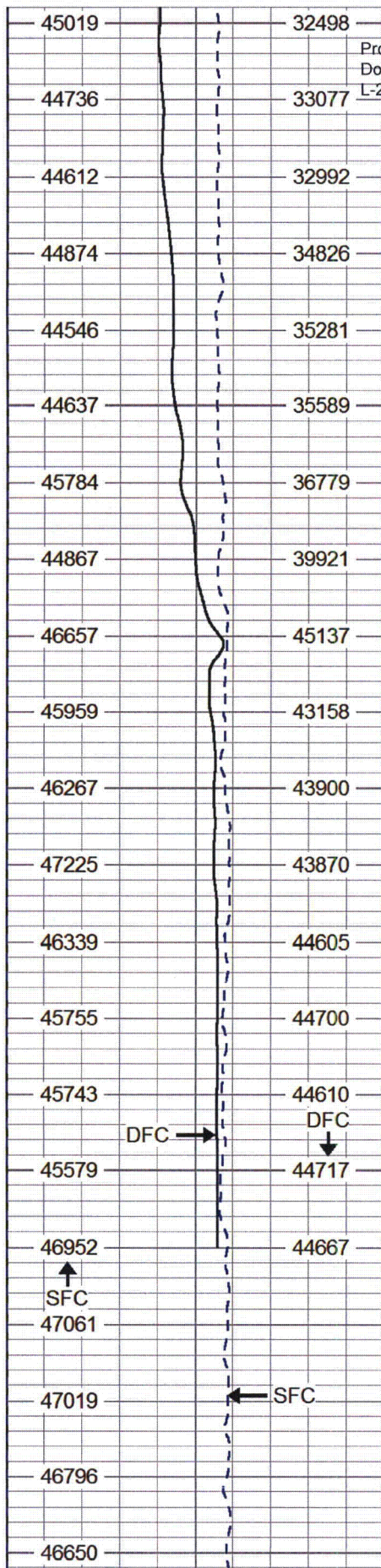
Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
L-2012-255 Enclosure 1 Page 91 of 107

1600

1700



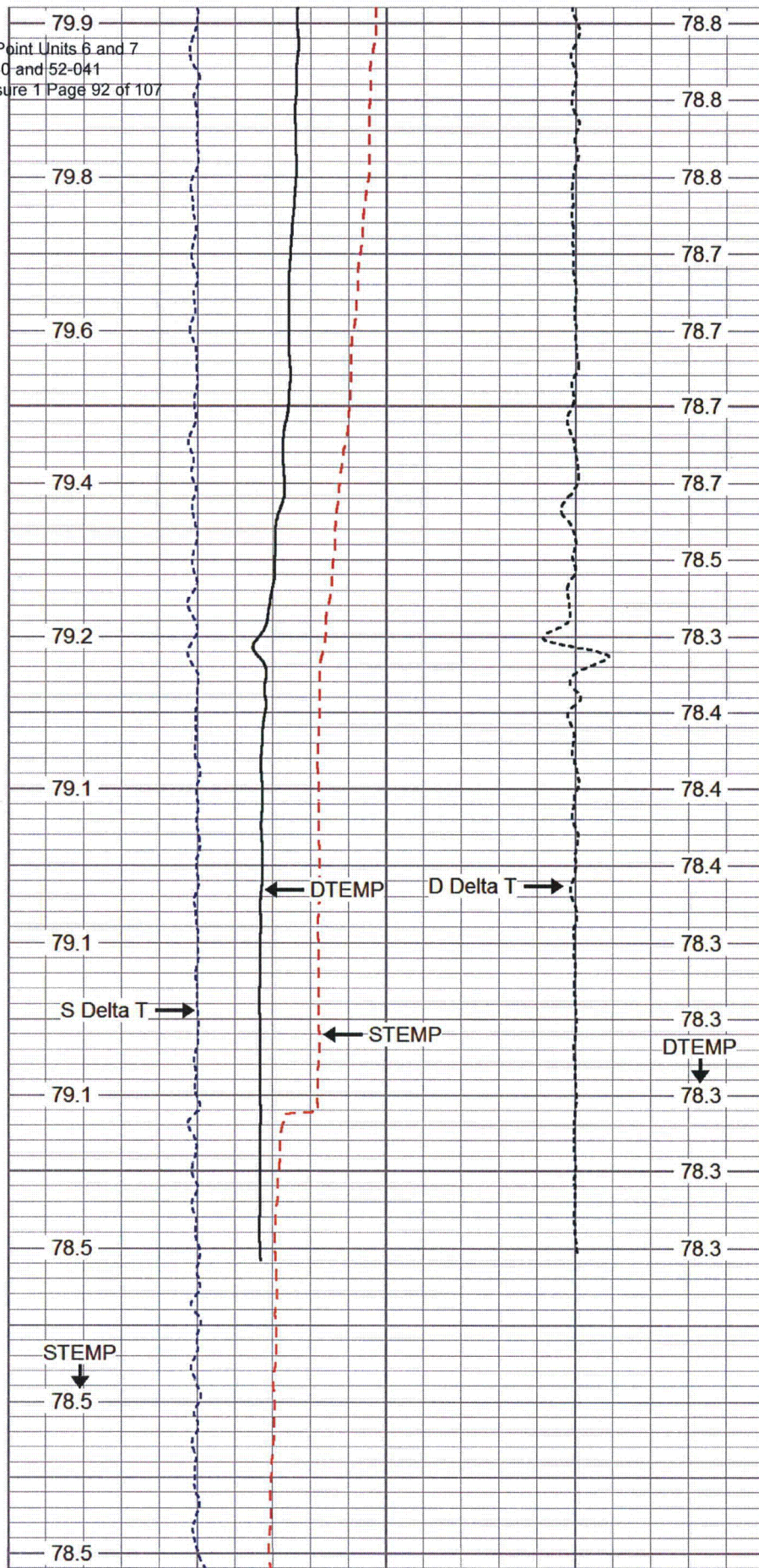




1700  
Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
L-2012-255 Enclosure 1 Page 92 of 107

1800

1900

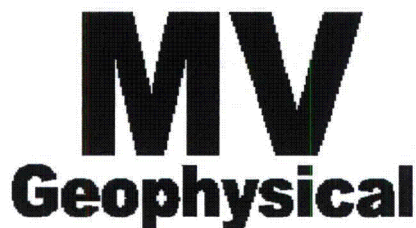




46650		1900	78.5	Proposed Turkey Point Units 6 and 7 Docket Nos. 52-040 and 52-041 L-2012-255 Enclosure 1 Page 93 of 107
<-- TD -->				
0	DYNAMIC FC (uS/cm)	60000	75	DTEMP (degF) 85
0	STATIC FC (uS/cm)	60000	75	STEMP (degF) 85
SFC (uS/cm)		DFC (uS/cm)	S Delta T      D Delta T	
			STEMP (degF)	DTEMP (degF)

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CCL	4.46		CCL-MVGS 1.9 (MV01)	1.33	1.90	8.00
GR#2	1.15		GR #2 -RTSB (MV01B)	3.33	1.90	10.00
TEMP	0.10		TEMP-RTS (MV01)	0.46	1.90	2.00

Dataset:	ltpdzm1a.db: field/well/run1/pass22
Total Length:	5.12 ft
Total Weight:	20.00 lb
O.D.	1.90 in



Company	FP&L
Well	Turkey Point DZMW-1
Field	Florida City
County	Miami-Dade
State	Florida
Country	USA



# MV Geophysical

## FLOWMETER LOG

Company FP&L Well Turkey Point DZMW-1 Field Florida City County Miami-Dade State/Prv Florida	Company <b>FP&amp;L</b>		Proposed Turkey Point Units 6 and 7 Docket Nos. 52-040 and 52-041 L-2012-255 Enclosure 1 Page 94 of 107				
	Well <b>Turkey Point DZMW-1</b>						
	Field <b>Florida City</b>						
	County <b>Miami-Dade</b>		State/Prv <b>Florida</b>				
	Location <b>FPL Turkey Point Power Plant</b> <b>LAT: 25 25' 19" N LONG: 80 20' 08" W</b> <b>McNabb Hydrogeologic Consulting, Inc.</b>		Other Services XY/GR,FCT DIL,BHC FLO,TDS				
Permanent Datum Log Measured From Drilling Measured From		Pad Level Pad Level Pad Level		Elevation  Elevation			
Date <b>17-MAY-2012</b>							
Run Number <b>SIX</b>							
Depth Driller <b>1905'</b>							
Depth Logger <b>1905'</b>							
Bottom Logged Interval <b>1876'</b>							
Top Log Interval <b>1045'</b>							
Open Hole Size <b>12.25"</b>							
Type Fluid <b>H2O</b>							
Density / Viscosity <b>N/A</b>							
Max. Recorded Temp. <b>see FCT log</b>							
Estimated Cement Top <b>SURFACE</b>							
Time Well Ready <b>13:00 5/17/2012</b>							
Time Logger on Bottom <b>19:15 5/17/2012</b>							
Equipment Number <b>MVGS-1</b>							
Location <b>Ft. Myers</b>							
Recorded By <b>S.Miller</b>							
Witnessed By <b>M.Clasen (MHC)</b>		<b>K.Greuel (LCC)</b>					
Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	1102'	1905'
TWO	42"	SURFACE	258'				
THREE	12.25"	255'	1110'				
FOUR	32.5"	255'	1110'				
Casing Record		Size	Wgt/Ft	Top		Bottom	
Surface String		44"	0.375" WT	SURFACE		36'	
Prot. String		34"	0.375" WT	SURFACE		255'	
Production String		24"	0.375" WT	SURFACE		1102'	
Liner						LTPDZM1A.db	
Invoice No.		2012102	P.O. #:	8fld/las/pdf		* FINAL PRINT *	



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### Comments

Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
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STATIC and DYNAMIC down passes were made at 76 fpm.

NO station performed.

Q = ~300 gpm

Drill Pipe set to 1076'

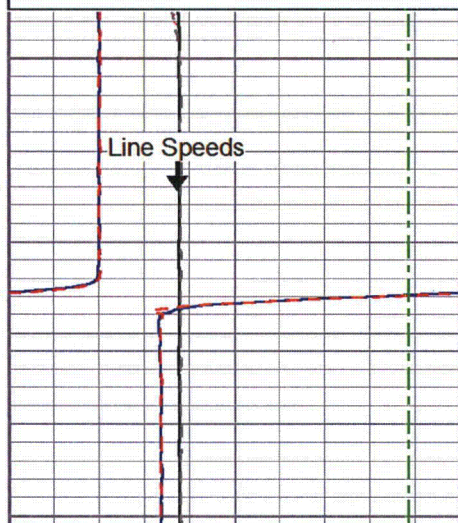
**MV**  
**Geophysical**

# S/D Down@76fpm&Q=300gpm

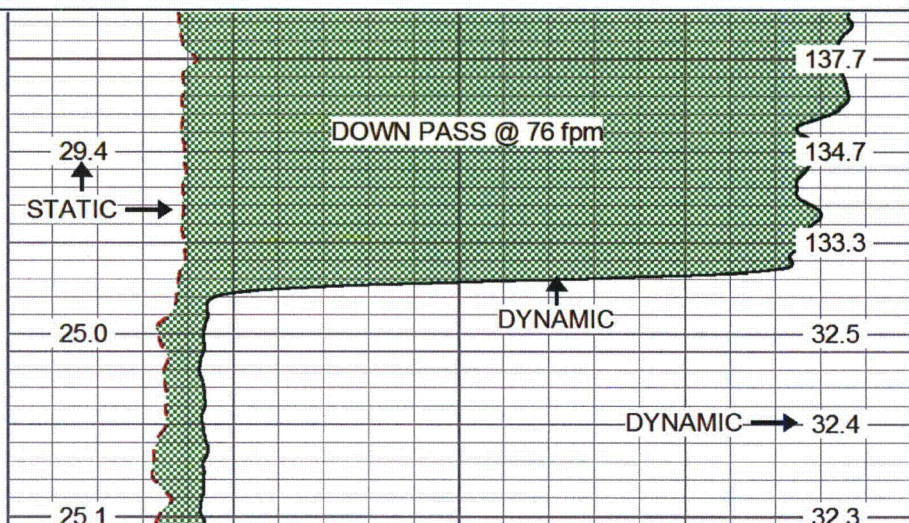
Database File: ltpdzm1a.db  
Dataset Pathname: SD76  
Presentation Format: q-150  
Dataset Creation: Thu May 17 21:51:32 2012  
Charted by: Depth in Feet scaled 1:240

DYNAMIC LINE SPEED		
0	(ft/min)	-200
0	STATIC LINE SPEED (ft/min)	-200
30	X-CALIPER (in)	10
30	Y CALIPER (in)	10
30	BIT SIZE (in)	10

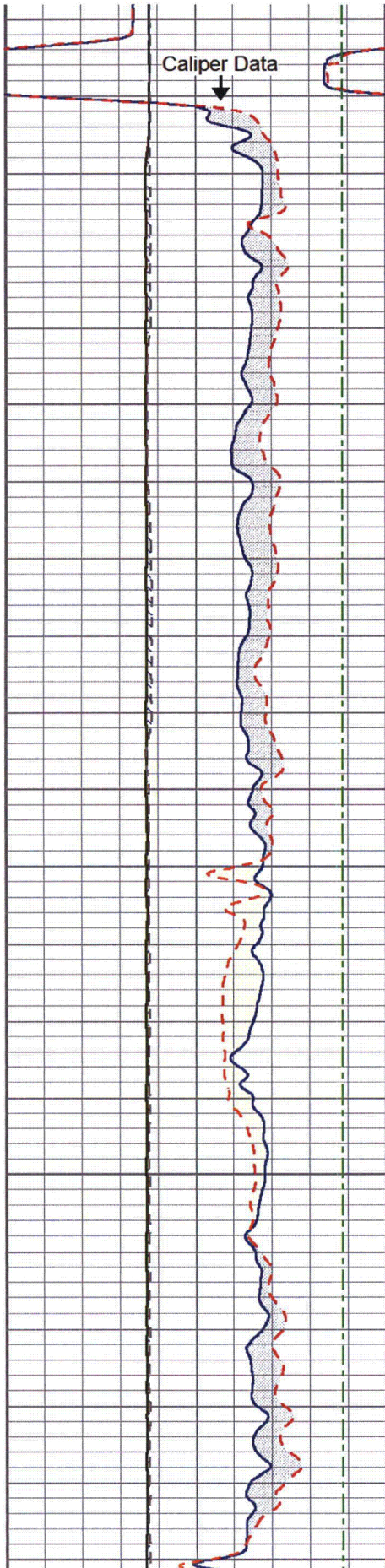
0	DYNAMIC (cps)	150
0	STATIC (cps)	150
flows		DYNAMIC
(cps)		(cps)



1100



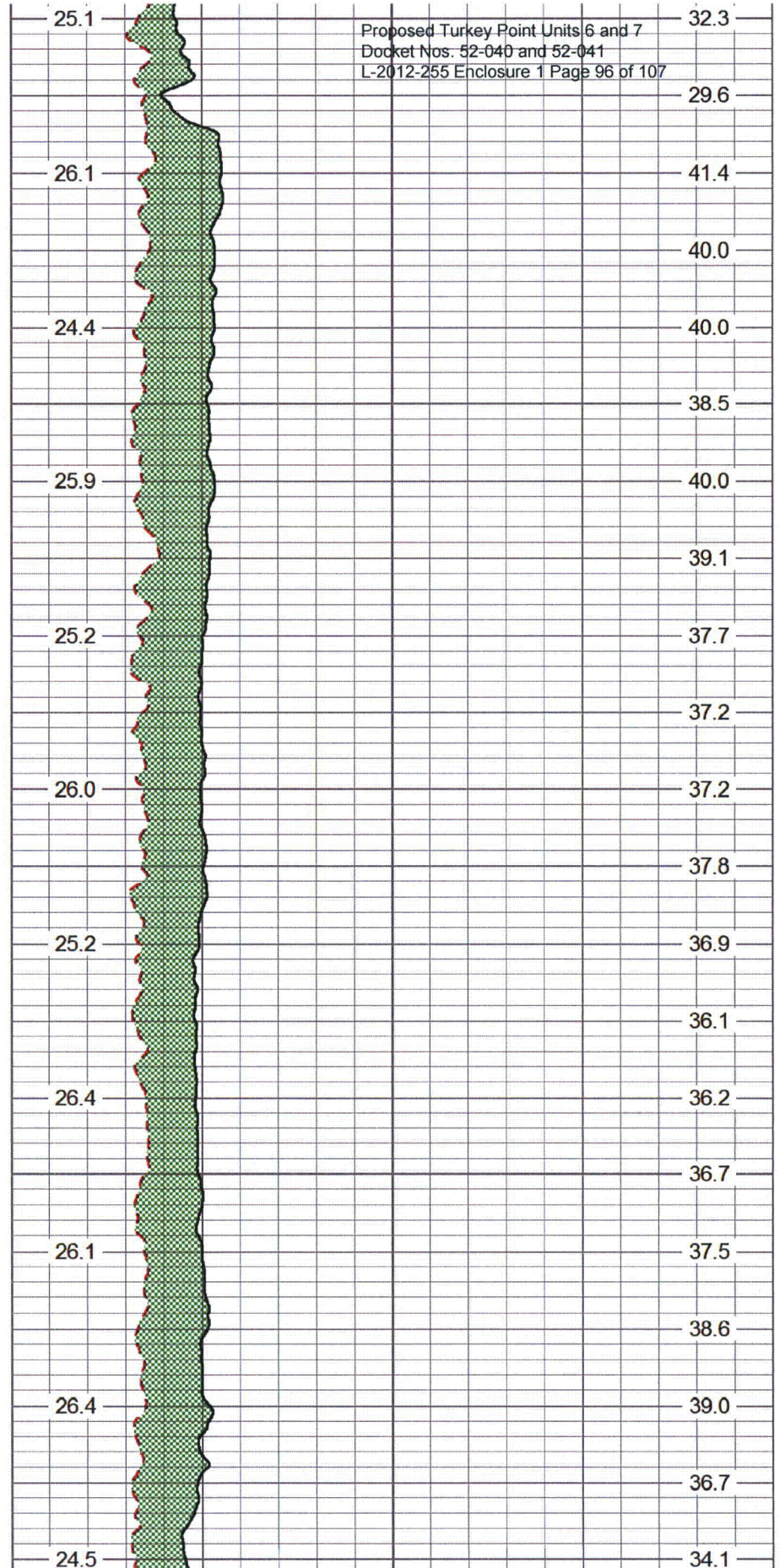




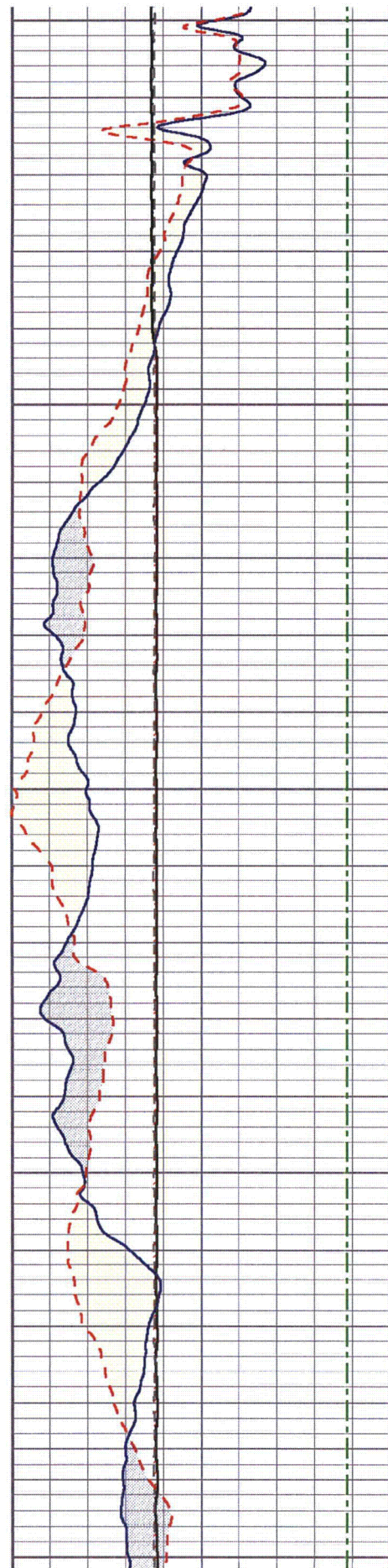
1100

1200

1300



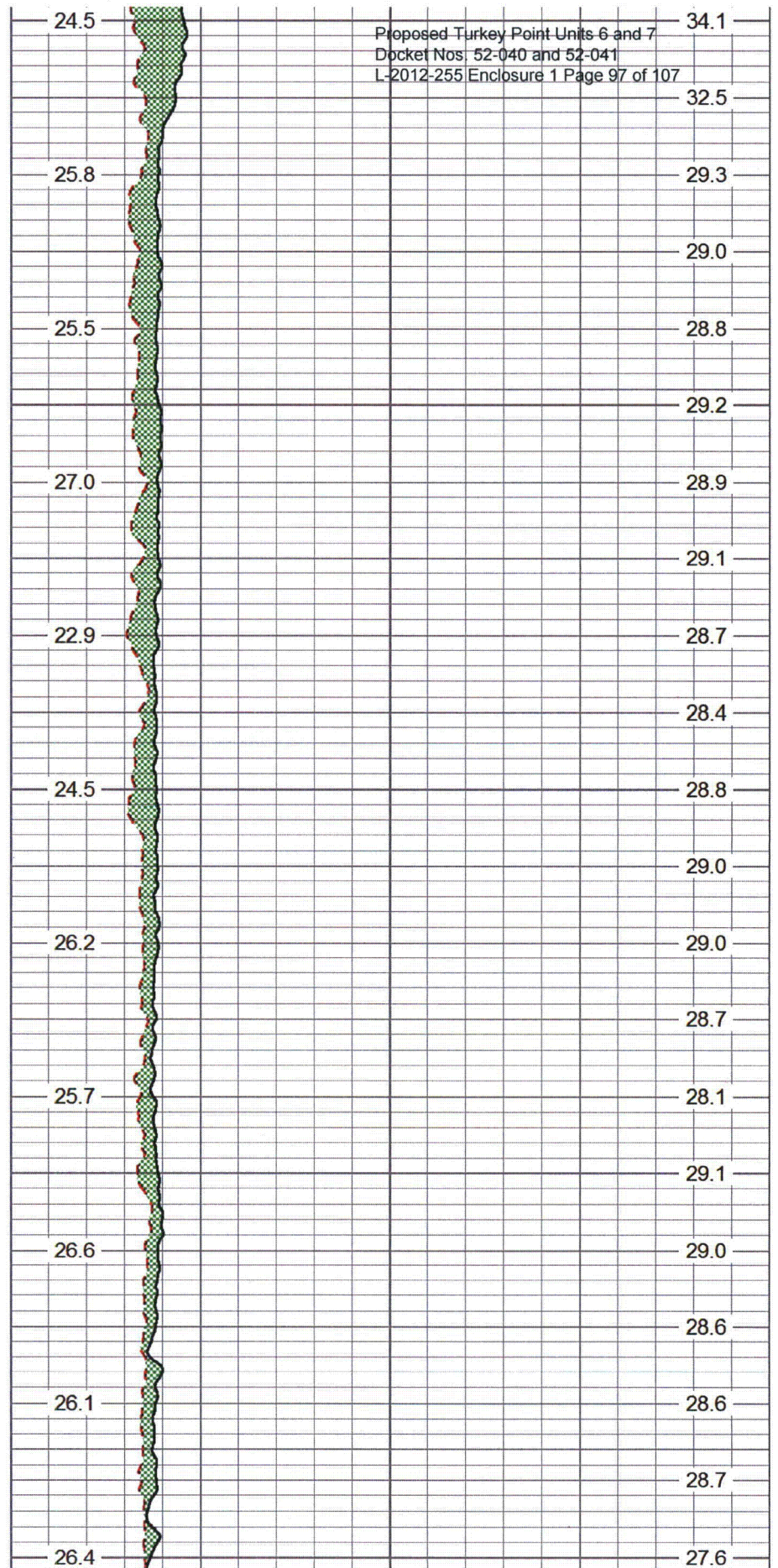




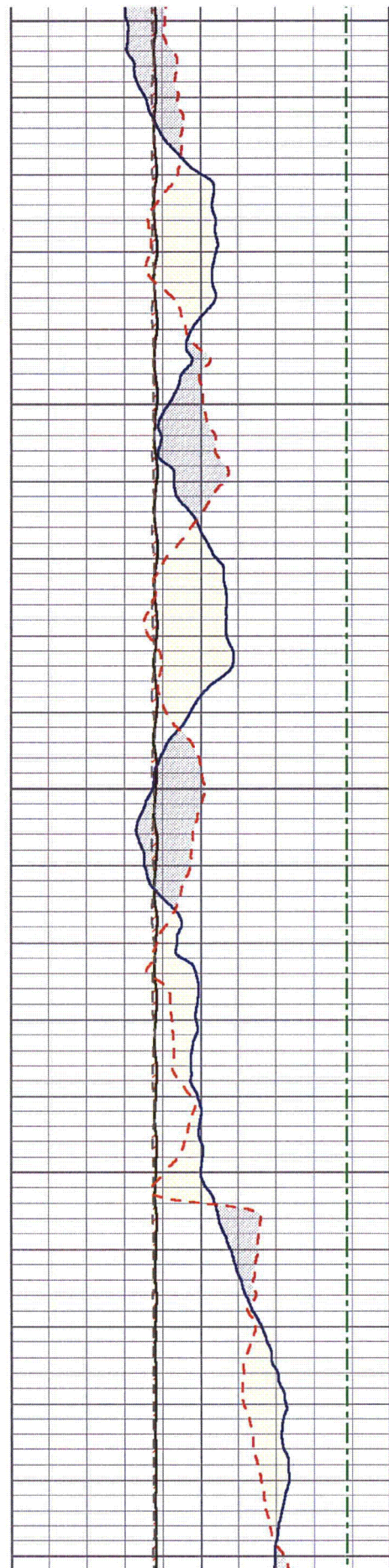
1300

1400

1500



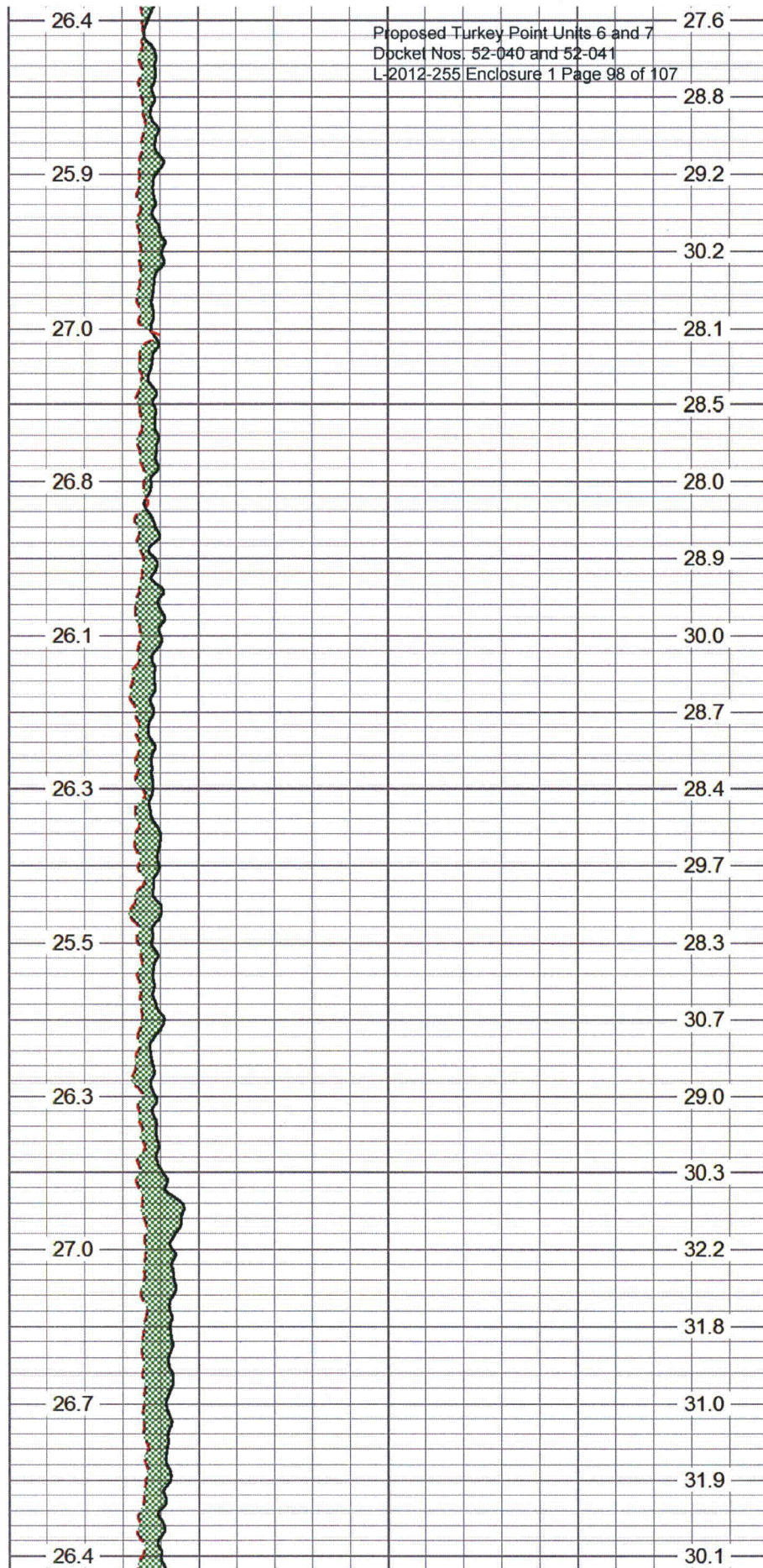




1500

1600

1700



26.4

25.9

27.0

26.8

26.1

26.3

25.5

26.3

27.0

26.7

26.4

27.6

28.8

29.2

30.2

28.1

28.5

28.0

28.9

30.0

28.7

28.4

29.7

28.3

30.7

29.0

30.3

32.2

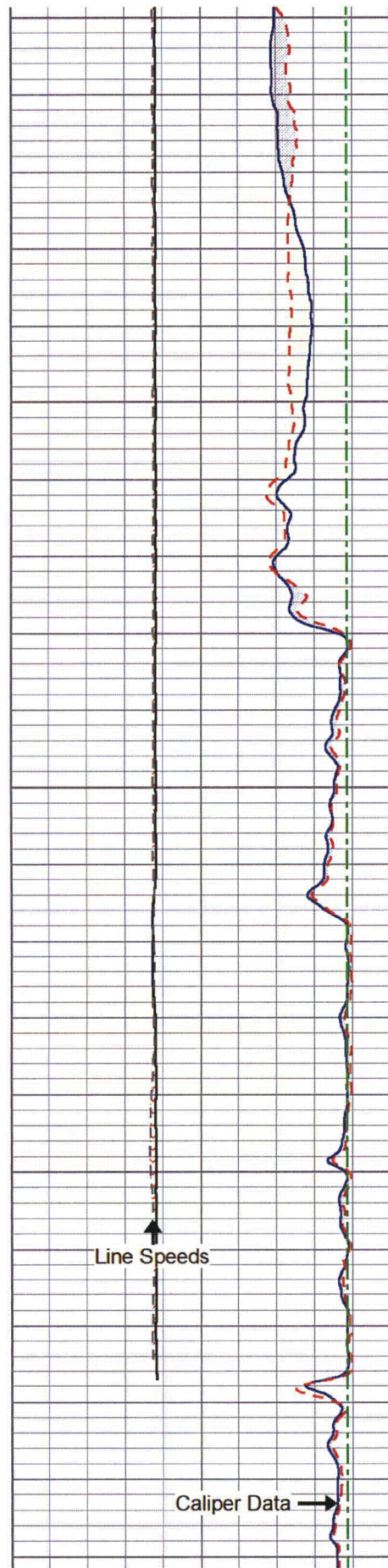
31.8

31.0

31.9

30.1

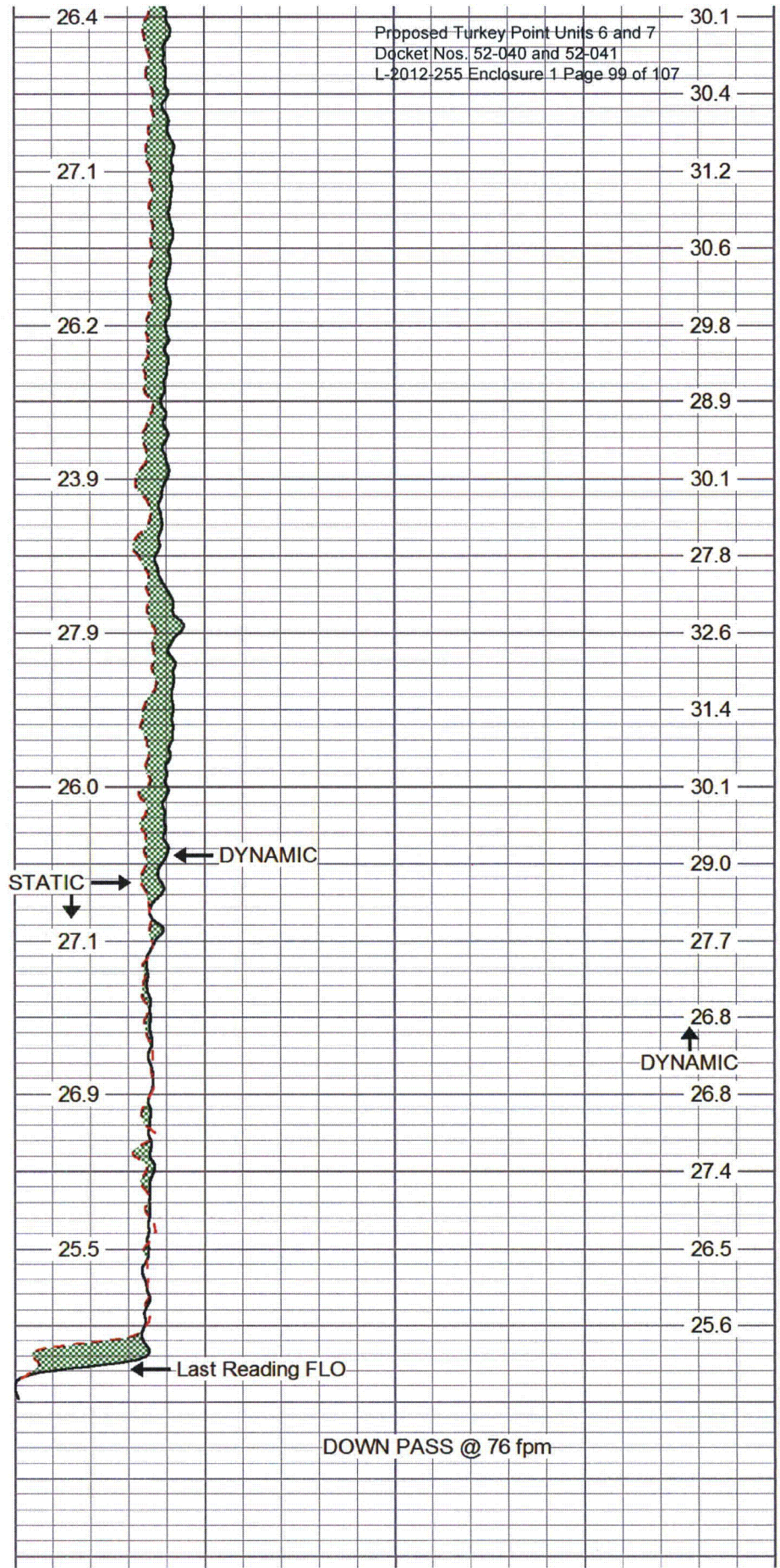




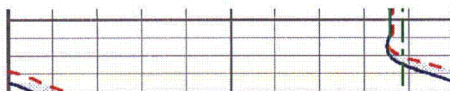
1700

1800

1900





		
DYNAMIC LINE SPEED		
0	(ft/min)	-200
0 STATIC LINE SPEED (ft/min) -200		
30	X-CALIPER (in)	10
30	Y CALIPER (in)	10
30	BIT SIZE (in)	10

1900

Proposed Turkey Point Units 6 and 7  
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0	DYNAMIC (cps)		150
0	STATIC (cps)		150
flows			DYNAMIC
(cps)			(cps)

# MV

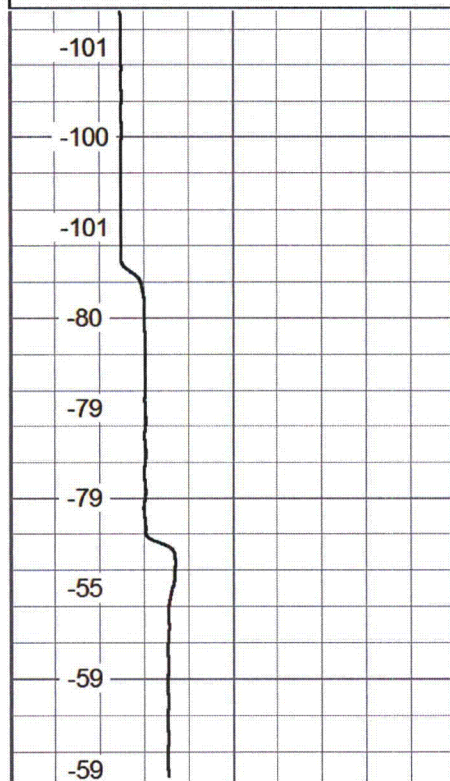
Geophysical

## Q Calibration Down

Database File: ltpdzm1a.db  
Dataset Pathname: pass18  
Presentation Format: flow  
Dataset Creation: Thu May 17 19:21:45 2012 by Log VER\_5.3  
Charted by: Depth in Feet scaled 1:600

-200	LINE SPEED (ft/min)	200
30	BOREID (in)	100
LSPD		
(ft/min)		

0	CCW Spin (cps)	100
<hr style="border-top: 1px dashed red;"/>		
0	CW Spin (cps)	100
		flown (cps)

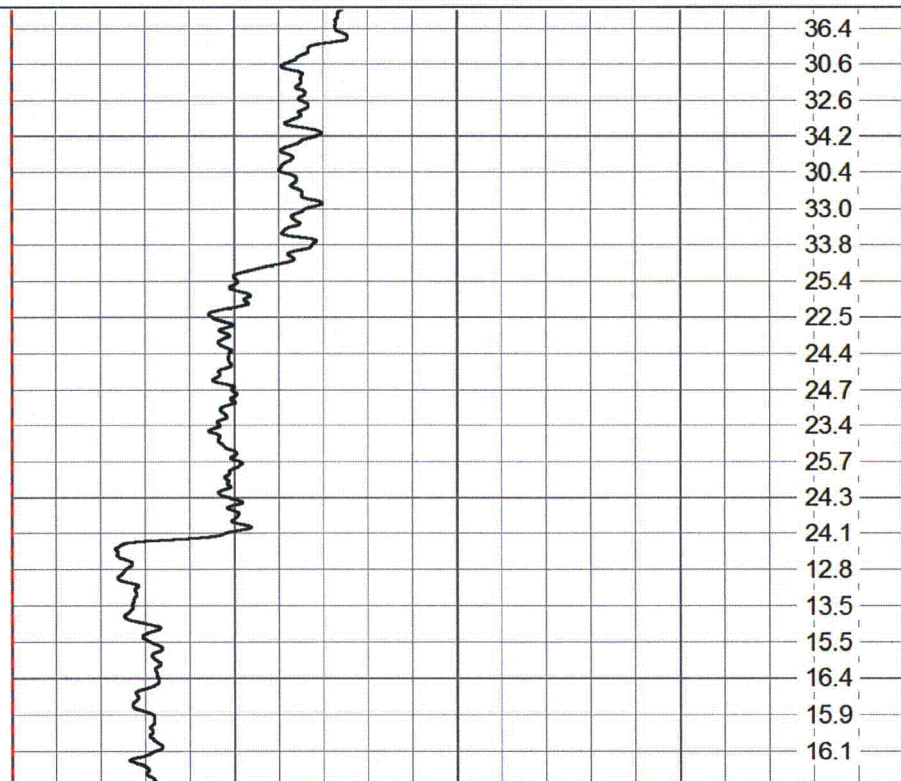


1100

1150

1200

1250



-200	LINE SPEED (ft/min)	200
30	BOREID (in)	100
LSPD		
(ft/min)		

0	CCW Spin (cps)	100
0	CW Spin (cps)	100
		flown (cps)







# MV Geophysical

## TDS COMPILATION LOG

Company FP&L  
Well Turkey Point DZMW-1  
Field Florida City  
County Miami-Dade  
State/Prv Florida

Company **FP&L**

Well **Turkey Point DZMW-1**

Field **Florida City**

County **Miami-Dade** State/Prv **Florida**

Proposed Turkey Point Units 6 and 7

Docket Nos. 52-040 and 52-041

L-2012-255 Enclosure 1 Page 102 of 107

Location

FPL Turkey Point Power Plant  
LAT: 25 25' 19" N LONG: 80 20' 08" W  
McNabb Hydrogeologic Consulting, Inc.

Other Services  
XY/GR,FCT  
DIL,BHC  
FLO,TDS

Elevation

Permanent Datum

Pad Level

Elevation

Log Measured From

Pad Level

Drilling Measured From

Pad Level

K.B.  
D.F.  
G.L.

Date	17-MAY-2012		
Run Number	SIX		
Depth Driller	1905'		
Depth Logger	1905'		
Bottom Logged Interval	1905' S	1860' D	
Top Log Interval	1045'		
Open Hole Size	12.25"		
Type Fluid	H2O		
Density / Viscosity	NA/NA		
Max. Recorded Temp.	see FCT log		
Estimated Cement Top	SURFACE		
Time Well Ready	13:00 5/17/2012		
Time Logger on Bottom	14:30 5/17/2012 S	21:00 5/17/2012 D	
Equipment Number	MVGS-1		
Location	Ft. Myers		
Recorded By	S.Miller		
Witnessed By	M.Clasen (MHC)	K.Greuel (LCC)	

### Borehole Record

### Tubing Record

Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	1102'	1905'
TWO	42"	SURFACE	258'				
THREE	12.25"	255'	1110'				
FOUR	32.5"	255'	1110'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	44"	0.375" WT	SURFACE	36'
Prot. String	34"	0.375" WT	SURFACE	255'
Production String	24"	0.375" WT	SURFACE	1102'
Liner				LTPDZM1A.db
Invoice No.	2012102	P.O. #:	8fld/las/pdf	* FINAL PRINT *



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### Comments

Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
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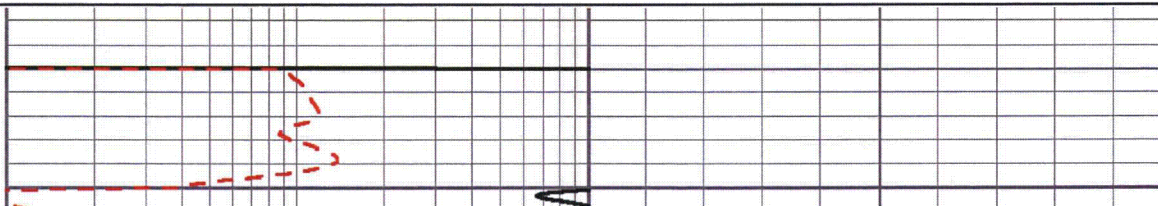
The TDS compilation plot is derived from Dual Induction,  
Borehole Compensated Sonic, Fluid Conductivity and Caliper data.

Drill Pipe set to 1076'

Database File: ltpdzm1a.db  
Dataset Pathname: tds6  
Presentation Format: tdspec3  
Dataset Creation: Thu May 17 23:17:17 2012  
Charted by: Depth in Feet scaled 1:240

100	TDS (ppm)	10000
10000	TDS (ppm)	1e+006

1100



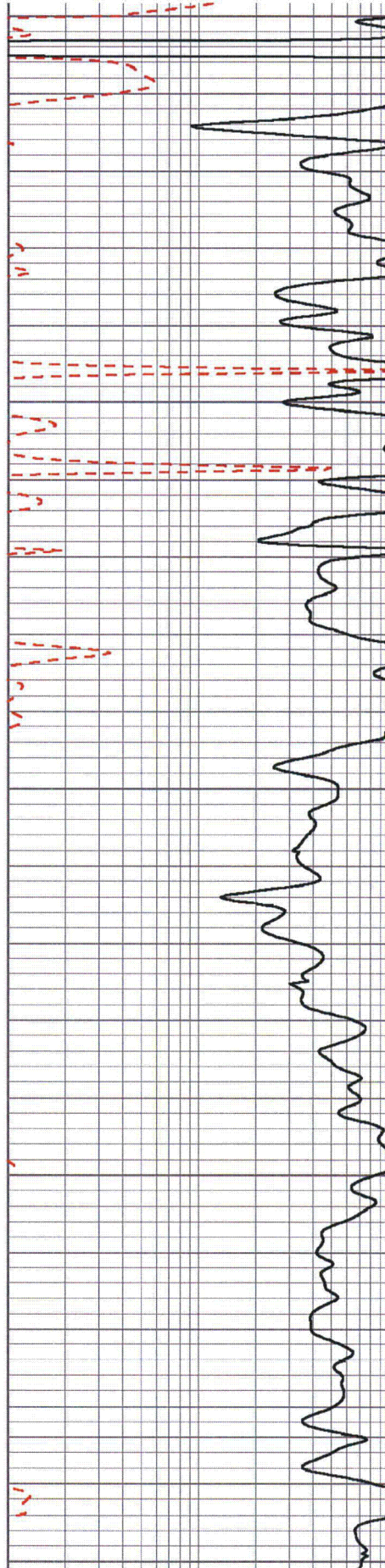


1100

Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
L-2012-255 Enclosure 1 Page 104 of 107

1200

1300





1300

Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
L-2012-255 Enclosure 1 Page 105 of 107

1400

1500



1500

Proposed Turkey Point Units 6 and 7  
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1600

1700