United States Nuclear Regulatory Commission Official Hearing Exhibit

In the Matter of: FLORIDA POWER & LIGHT COMPANY
(Turkey Point Units 6 and 7)

ASLBP #: 10-903-02-COL-BD01
Docket #: 05200040 | 05200041
Exhibit #: NRC-071-00-BD01
Admitted: 05/02/2017
Rejected:
Other:
Identified: 05/02/2017
Withdrawn:
Stricken:

MV Geophysical

BOREHOLE COMPENSATED SONIC w/ VARIABLE DENSITY LOG

Company	Layne Christensen Company
Well	Turkey Point EW-1
Field	Florida City
County	Miami-Dade
State/Prv	Florida

Company	Layne Christensen Company		
Well	Turkey Point EW-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,DHTV
Permanent Datum	Pad Level	Elevation	Elevation
Log Measured From	Pad Level		K.B. D.F. G.L.
Drilling Measured From	Pad Level		

Date	30-NOV-2011		
Run Number	NINE		
Depth Driller	3230'		
Depth Logger	3233'		
Bottom Logged Interval	3233'		
Top Log Interval	1475'		
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	07:30 11/30/2011		
Time Logger on Bottom	13:45 11/30/2011		
Equipment Number	MVGS-1		
Location	Ft. Myers		
Recorded By	S.Miller/C.Miller		
Witnessed By	M.Classen (ASRus)	K.Greuel (LCC)	

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25"	SURFACE	255'	FIVE	12.25"	1090'	1655'
TWO	62.5"	SURFACE	259'	SIX	42.5"	1090'	1542'
THREE	12.25"	255'	1090'	SEVEN	12.25"	1535'	3230'
FOUR	52.5"	255'	1095'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	64"	0.375" WT	SURFACE	33'
Prot. String	54"	0.375" WT	SURFACE	255'
Production String	44"	0.375" WT	SURFACE	1090'
Liner	34"	0.375" WT	SURFACE	1535'
Invoice No.	2011209	LTP1B.db	8fd/las/pdf	* FINAL PRINT *

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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

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

Drill Pipe set to 1520'

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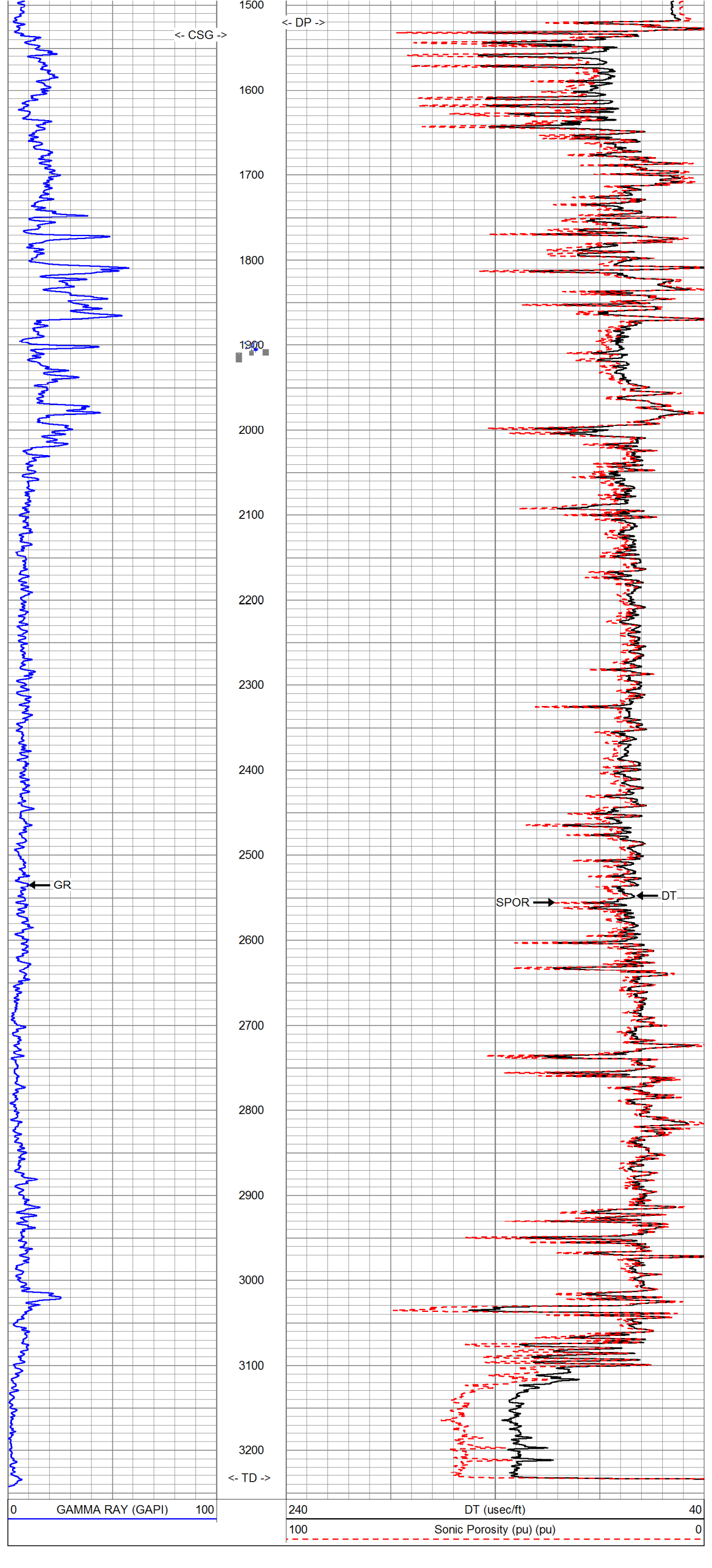
MAIN PASS

Database File: ltp1b.db
Dataset Pathname: run10/MAIN
Presentation Format: dtg-11
Dataset Creation: Wed Nov 30 11:42:24 2011
Charted by: Depth in Feet scaled 1:1200



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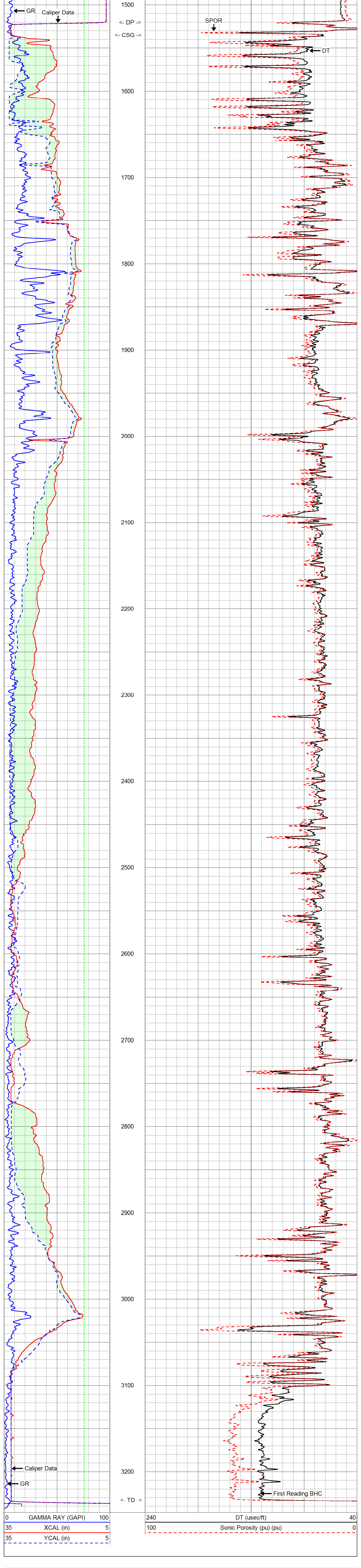
MAIN PASS

Database File: ltp1b.db
Dataset Pathname: run10/MAIN
Presentation Format: dtxy535g
Dataset Creation: Wed Nov 30 11:42:24 2011
Charted by: Depth in Feet scaled 1:600



MV Geophysical

MAIN PASS

Database File: ltp1b.db
Dataset Pathname: run10/MAIN
Presentation Format: dtxy535g
Dataset Creation: Wed Nov 30 11:42:24 2011
Charted by: Depth in Feet scaled 1:240

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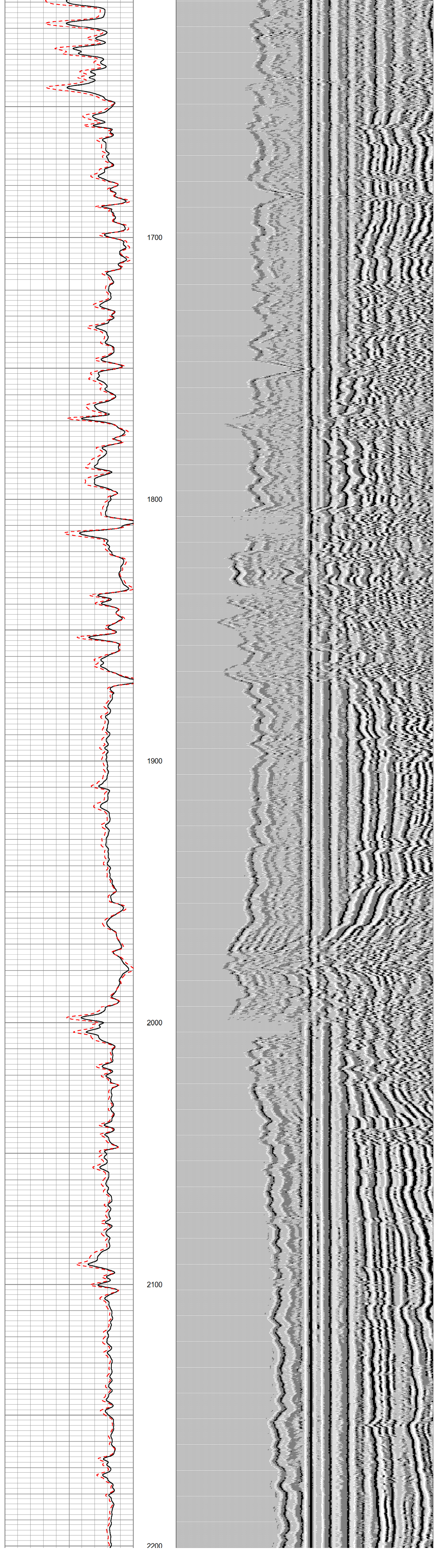
MAIN PASS

Database File: ltp1b.db
Dataset Pathname: run10/MAIN
Presentation Format: son_vdl
Dataset Creation: Wed Nov 30 11:42:24 2011
Charted by: Depth in Feet scaled 1:240



240	DT (usec/ft)	40	200	VARIABLE DENSITY LOG	1200
100	SONIC POROSITY (pu)	0			

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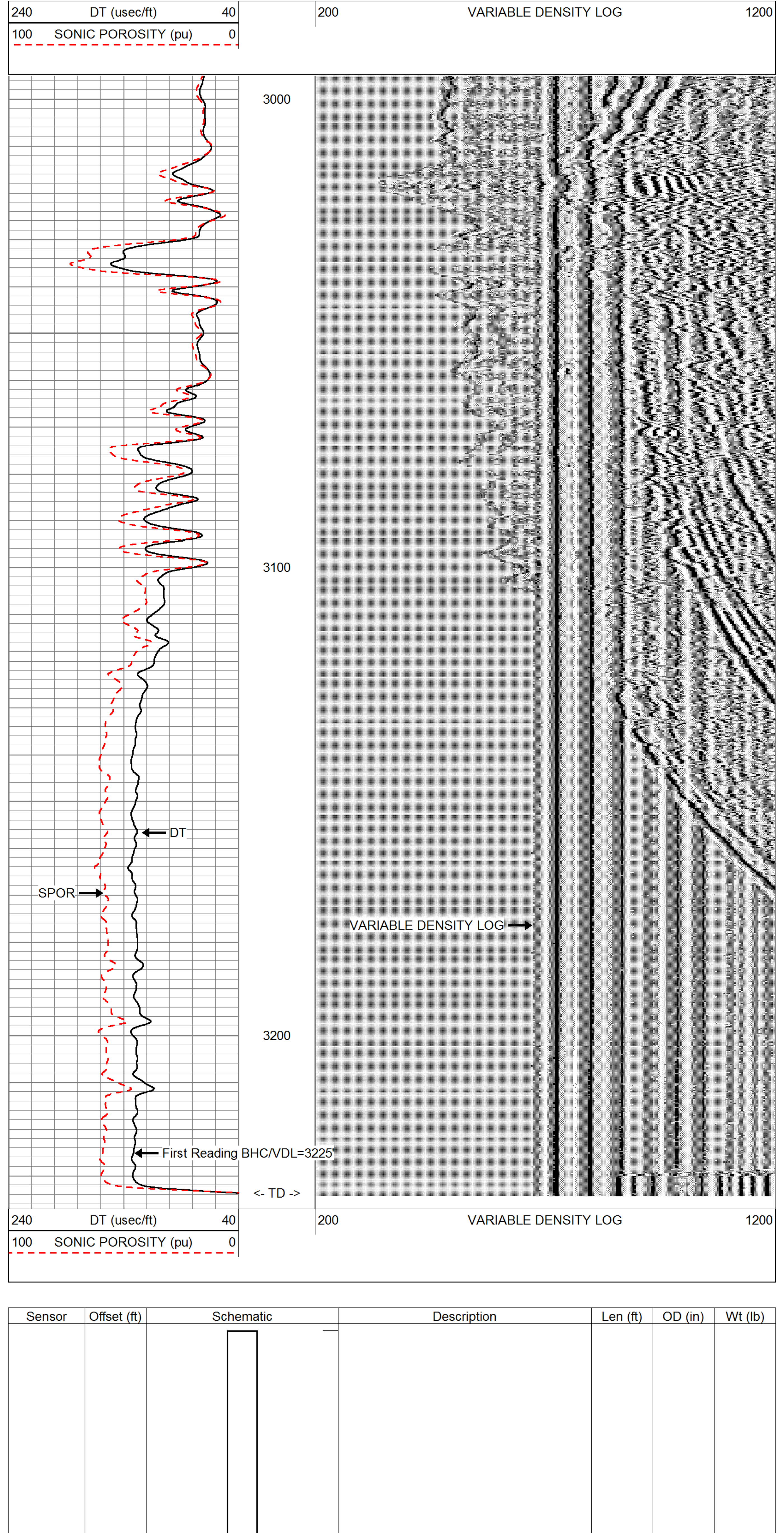
REPEAT SECTION

Database File: ltp1b.db
Dataset Pathname: run10/REPEAT
Presentation Format: son_vdl
Dataset Creation: Wed Nov 30 15:24:26 2011
Charted by: Depth in Feet scaled 1:240

240	DT (usec/ft)	40	200	VARIABLE DENSITY LOG	1200
100	SONIC POROSITY (pu)	0			



240	DT (usec/ft)	40	200	VARIABLE DENSITY LOG	1200
100	SONIC POROSITY (pu)	0			

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
WVF1	8.50		SLT-GO (245)	16.00	3.50	127.00
WVF3	8.50					
TT1	7.50					
TT2	7.50					
TT3	7.50					
TT4	7.50					
WVF2	6.50					
WVF4	6.50					

Dataset: ltp1b.db: field/well/run10/pass6
Total Length: 16.00 ft
Total Weight: 127.00 lb
O.D. 3.50 in

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Company	Layne Christensen Company		
Well	Turkey Point EW-1		
Field	Florida City		
County	Miami-Dade		
State	Florida	Country	USA