

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator OXY USA Inc. 16696

3a. Address
P.O. Box 50250 Midland, TX 797103b. Phone No. (include area code)
432-685-5717

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SL-1550 FSL 2360 FWL NESW (K) Sec 20 T23S R31E
PBL- 659 FSL 985 FWL SWSW (M) " " "

5. Lease Serial No.

NMM 38463

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Pure Gold B Federal #13

9. API Well No.

30-015-38542

10. Field and Pool, or Exploratory Area

Sand Dunes Delaware, West

11. County or Parish, State

Eddy NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Spud, Set
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Csg & Cmt
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Spud 14-3/4" hole 11/23/11, drill to 501'. RIH & set 11-3/4" 42# H-40 STC csg @ 490', cmt w/ 430sx (104bbl) PPC w/ additives, circ 229sx (55bbl) cmt to surf. WOC. Test BOP's @ 250# low 3500# high. WOC per BLM Potash requirements.

11/27/11, drill 10-5/8" hole to 4205', 11/29/11. RIH & set 8-5/8" 32# J55 LTC csg @ 4205', cmt w/ 970sx (323bbl) Light PPC w/ additives, followed by 200sx (48bbl) PPC w/ additives, had good returns thru out job, circ 5bbl spacer w/ re dye, but no cmt, contacted BLM, see attached for additional information.

Accepted for record

NMOCD 105 12/8/2011

RECEIVED

DEC 05 2011

NMOCD ARTESIA

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

David Stewart

Title Regulatory Advisor

Signature

Date

12/2/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Pure Gold B Federal # 13 API: 30-015-38542

Summary of events:

11/30/2011: H&P 345 ran and set 8 5/8" intermediate casing to 4205' and cemented with 323 bbl of 12.9 ppg lead cement and 47.7 bbl of 14.8 ppg tail cement for a total of 370.7 bbl of cement which accounts for over 200% excess with a annular volume of 163 bbl (gauge hole). After cement job was pumped no cement returns were observed on surface, 5 bbl of the 20 bbls of red dye spacer made to surface and full returns were observed throughout the job. Cement plug was pumped at 17:00 hrs.

BLM office was contacted, and a survey temperature was coordinated to be run.

12/01/2011: Survey temperature results concluded top of cement to be at 282'. BLM office was contacted again to share survey results and discuss plan forward. After conversations held with Mr. Wesley Ingram (BLM) and Randy Dade (NMOCD) verbal approval was granted to continue with planned operations for next hole section with the following conditions:

- Run CBL to determine cement presence across the intermediate zone
- Perform a casing pressure test in the annulus to 500 psi for 30 min and chart same
- Install pressure gauge in wellhead to be able to monitor pressure changes if any

Ran CBL and determined excellent cement bond across the Potash interval 1700' to 2500' approximately achieving zonal isolation in the Potash interval. Performed pressure test in the annulus and while trying to pressure up to 500 psi, pressure dropped to 75 psi. At this time Halliburton truck was used to establish injection rate. Tried to pump at 0.5 bbl/min, but when pumping only 4/10 of a bbl pressure reached 1000 psi. Contacted BLM (Chris Walls) and discussed options. Decision was made to install pressure gauge in wellhead to monitor possible pressure build up in the intermediate casing annulus, and continue with operations to drill production interval, and condition to circulate cement to surface on every stage in the production string.

Attached documents:

1. Temperature Survey
2. Cement Bond Log
3. Pressure Test Chart



puregoldb#13.db
p.pdf



PURE_GOLD_B_FE
)_13_FIELD_BSAT-.pdf



PURE GOLD B#13
PRESS TEST.pdf



TEMPERATURE LOG

Company	OXY
Well	PURE GOLD B # 13
Field	
County	EDDY
State	NEW MEXICO
Location:	
API #:	
Other Services	
SEC TWP RGE	
Elevation	
Permanent Datum	
Log Measured From	
Drilling Measured From	
K.B.	
D.F.	
G.L.	

Date	11-30-2011
Run Number	ONE
Depth Driller	
Depth Logger	536'
Bottom Logged Interval	536'
Top Log Interval	SURFACE
Open Hole Size	N/A
Drill Fluid	N/A
Drill Fluid Viscosity	N/A
Max. Recorded Temp.	76 DEG.
Estimated Cement Top	282'
Time Well Ready	ROA
Time Logger on Bottom	1:30 AM
Equipment Number	# 17
Location	LEVELLAND
Recorded By	SCOTT
Witnessed By	

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

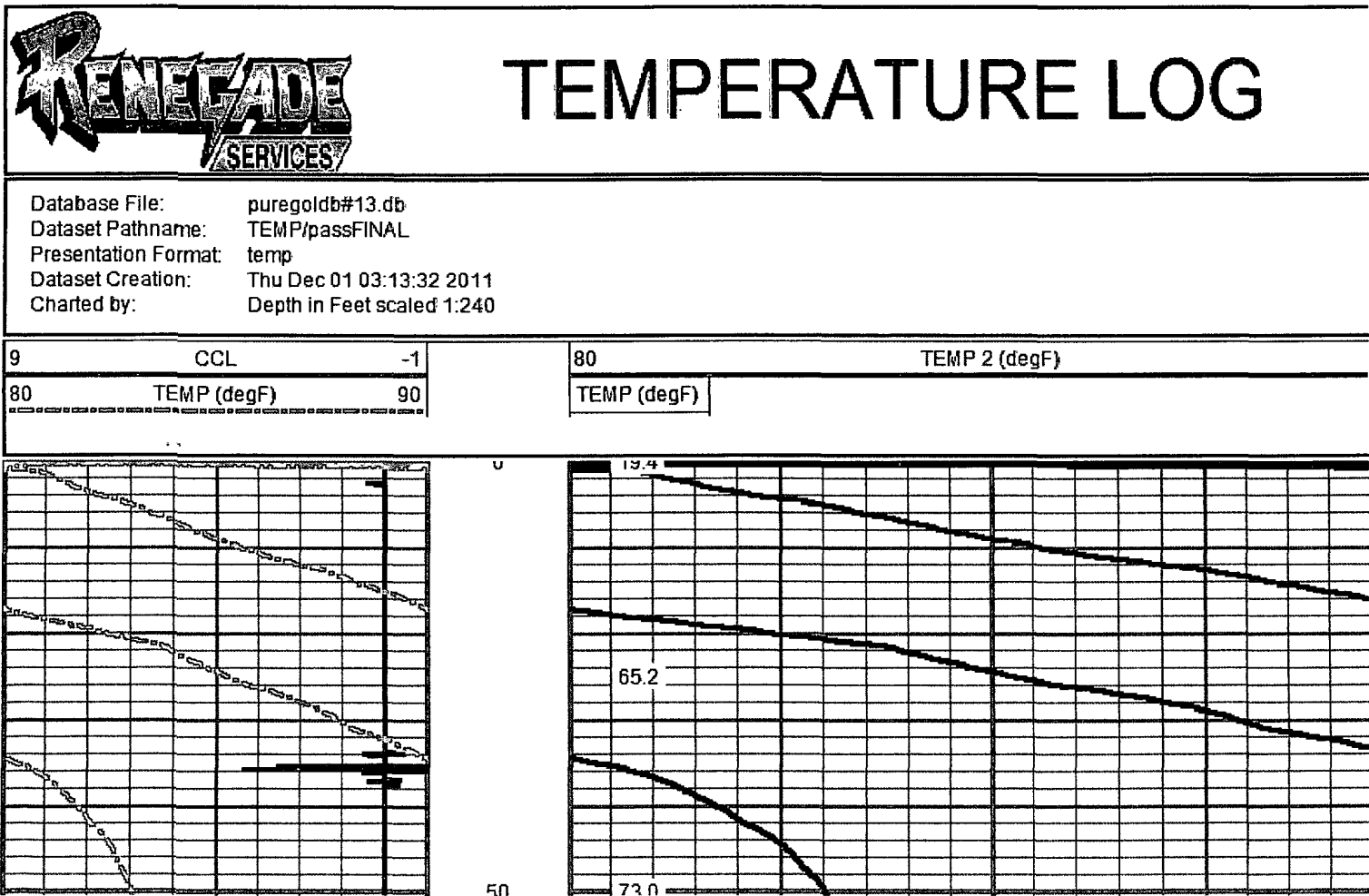
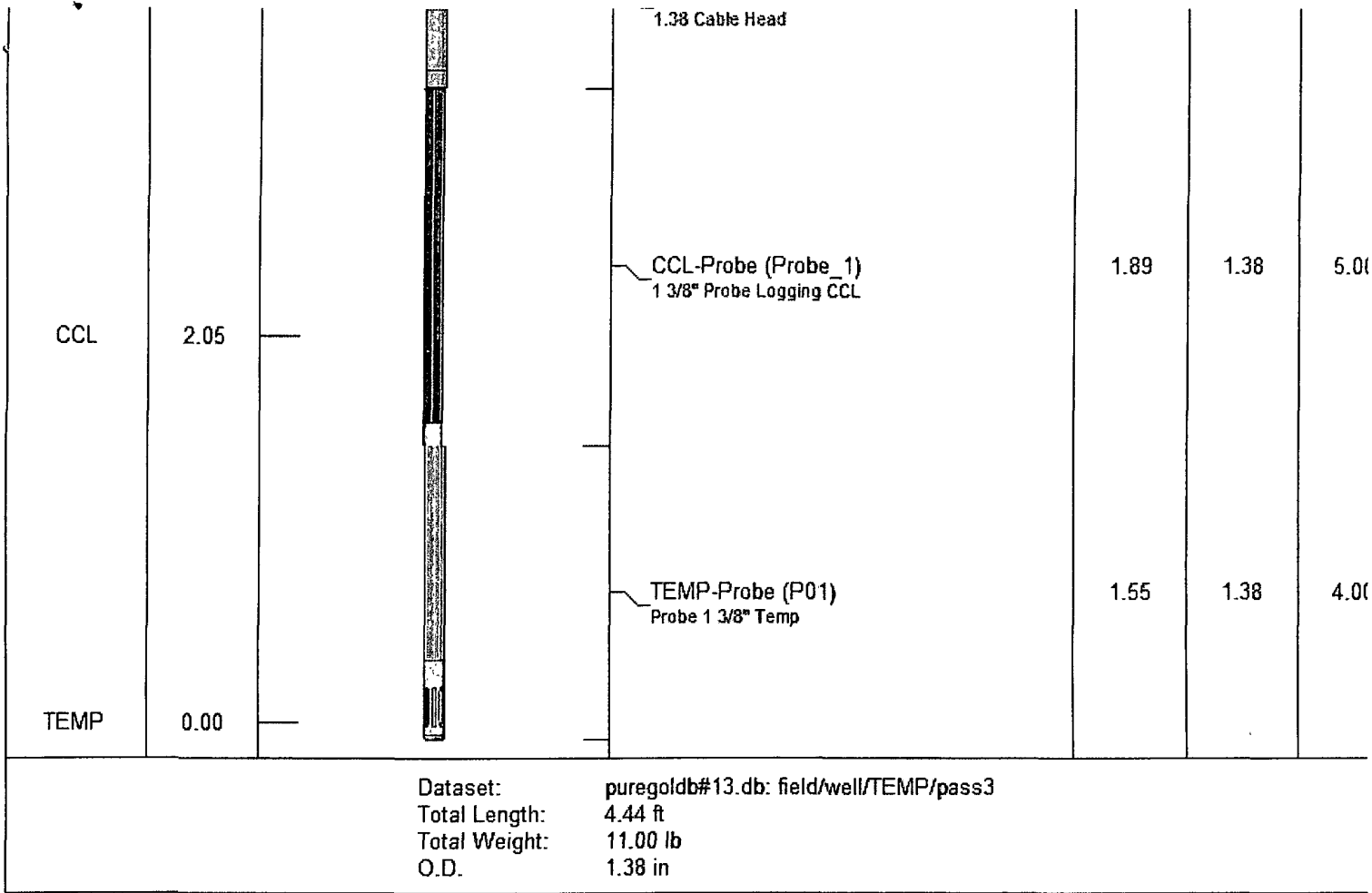
Logging Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Set String				
Production String				
Per				

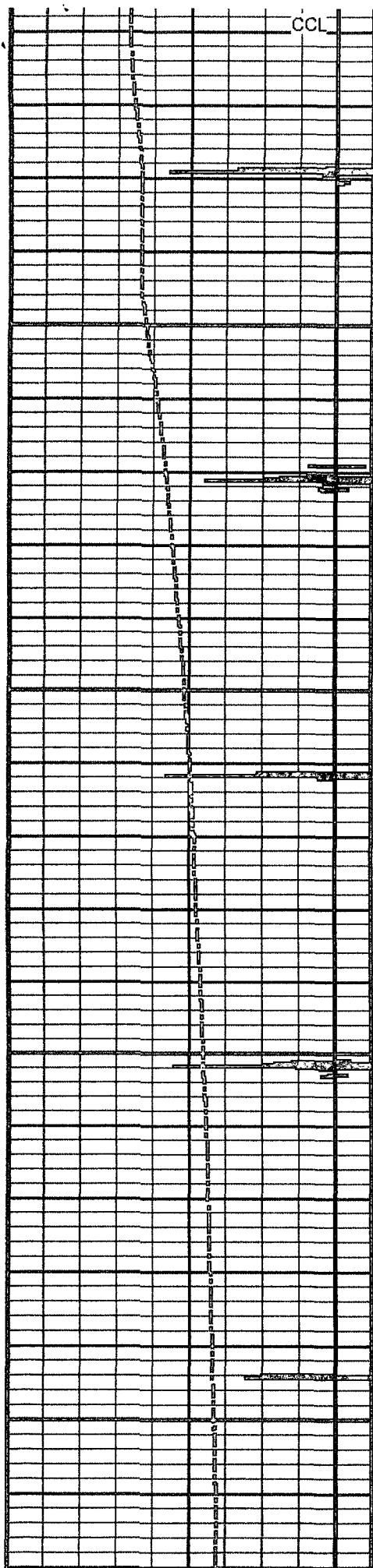
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
						



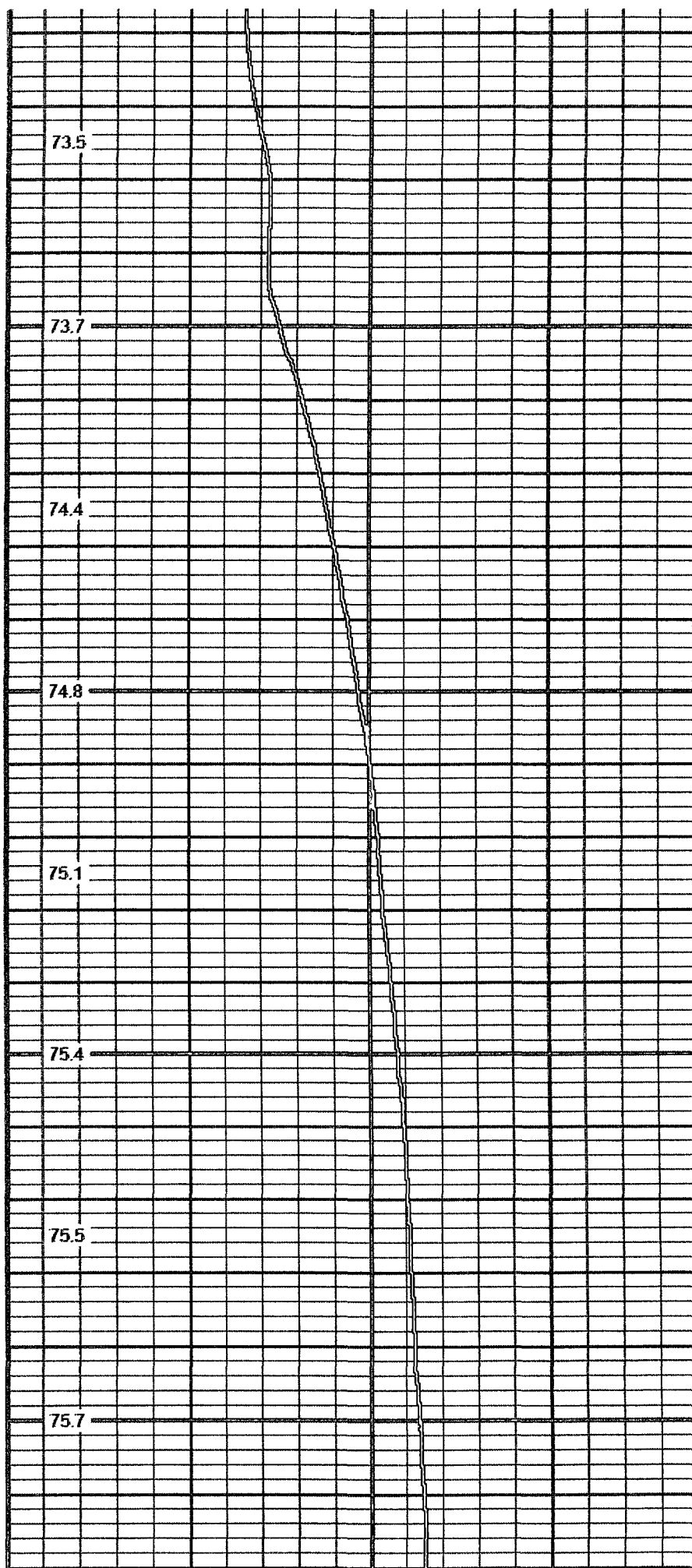


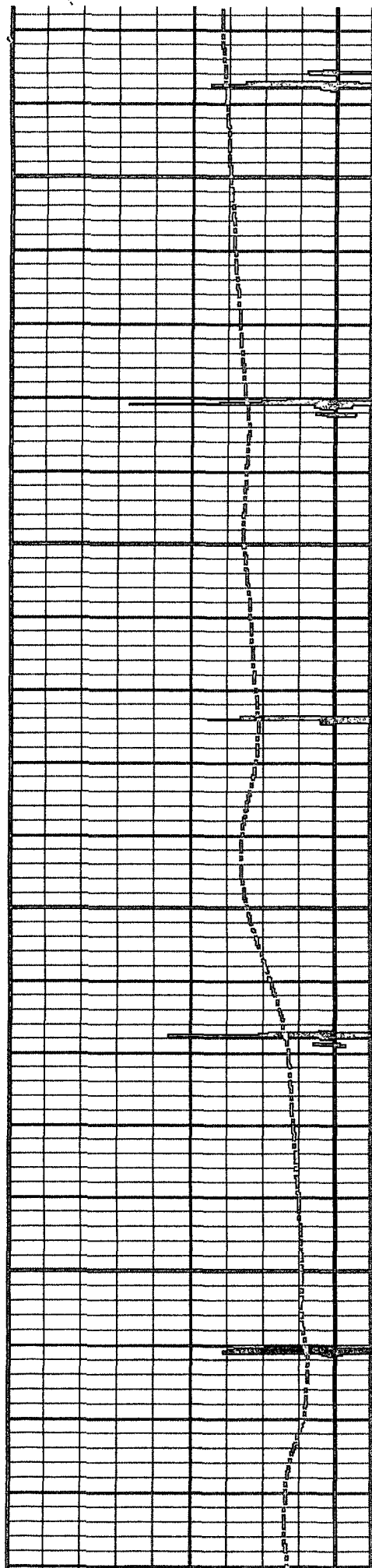
100

150

200

250



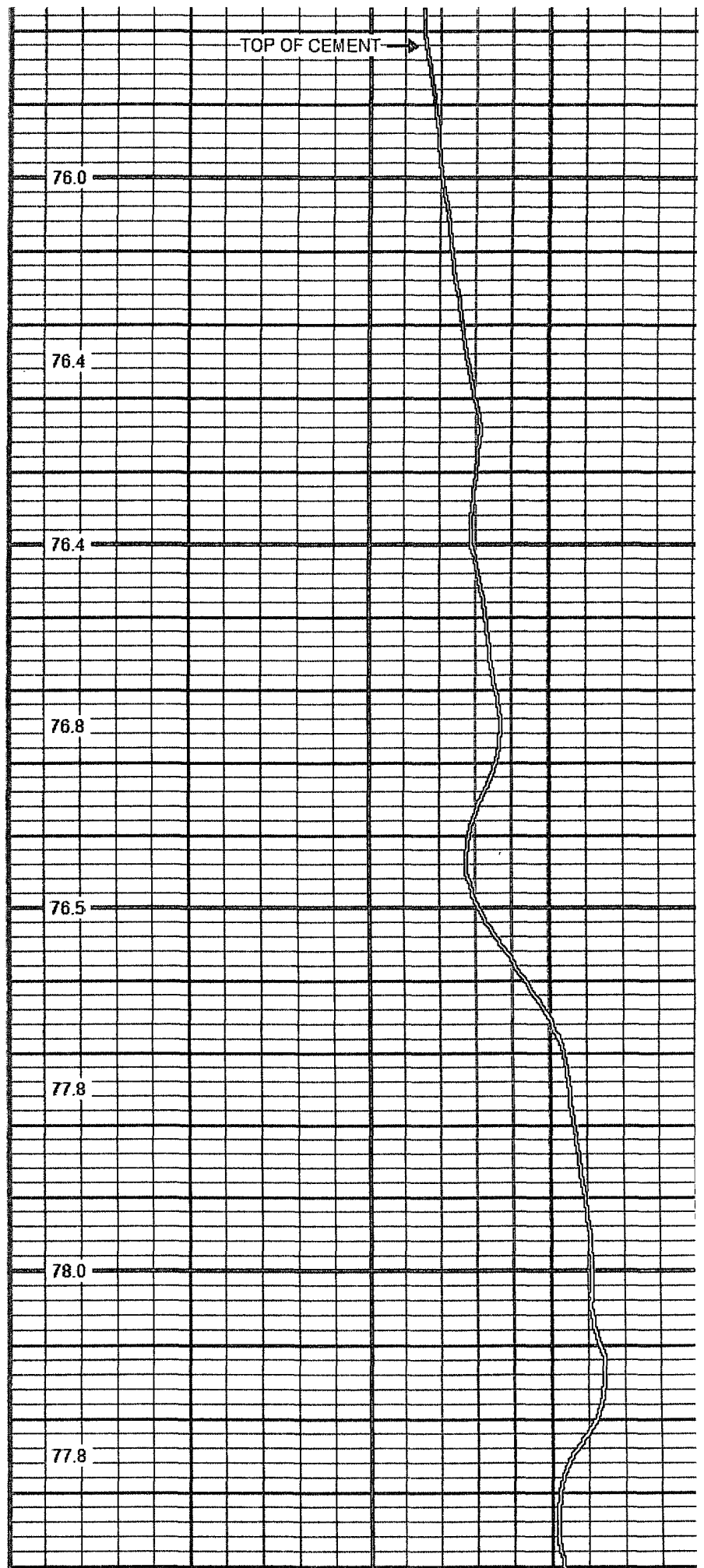


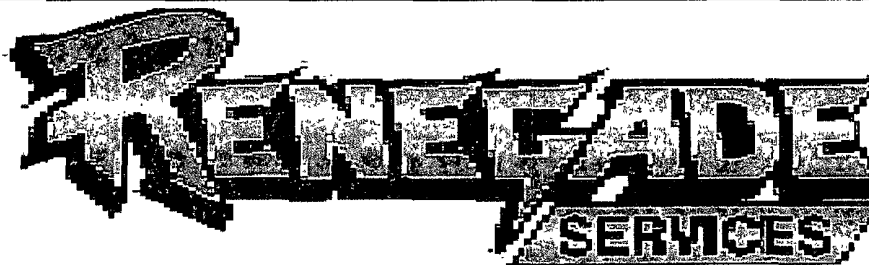
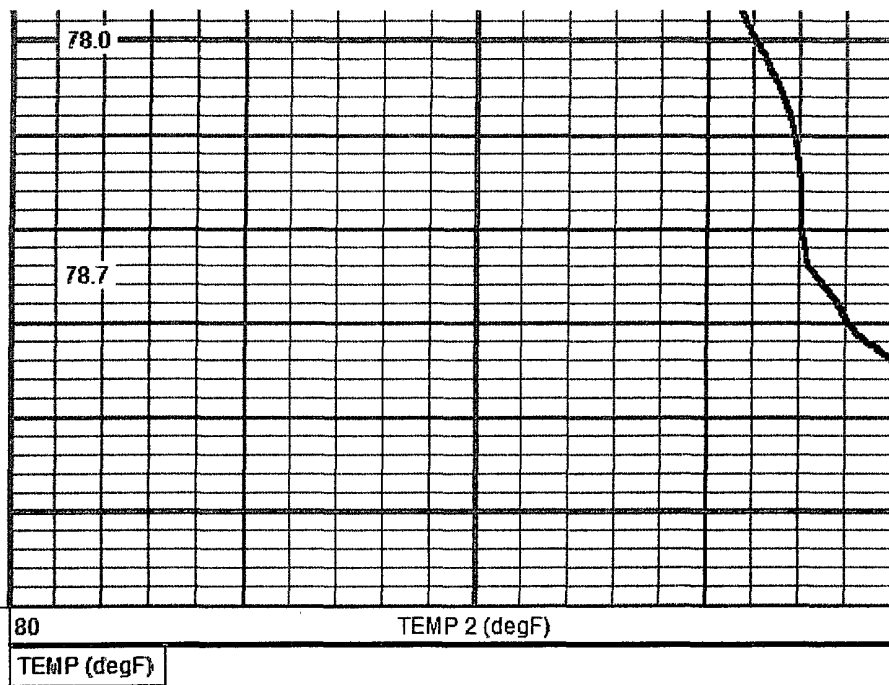
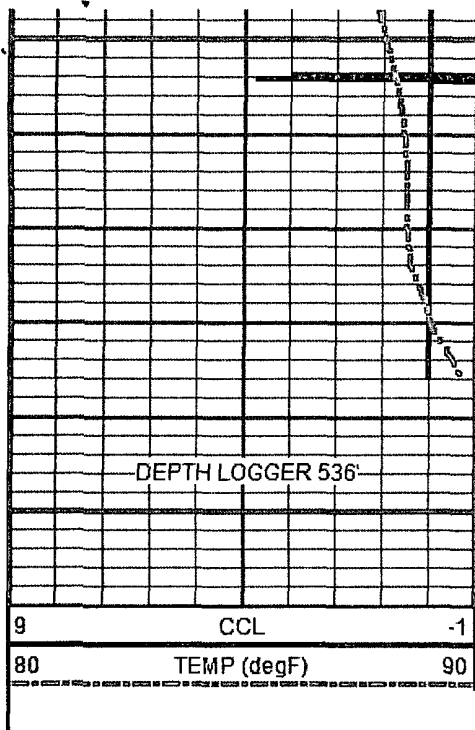
300

350

400

450





Company OXY
Well PURE GOLD B # 13
Field
County EDDY
State NEW MEXICO

HALLIBURTON

CEMENT BOND LOG

COMPANY		OXY USA INC	
WELL		PURE GOLD B FEDERAL No. 13	
FIELD		SAND DUNES DELAWARE, WEST	
COUNTY		EDDY	
STATE		NEW MEXICO	
Permanent Datum		GL	Elev. 3336.0 ft
Log measured from		KB	Elev. 3352.5 ft
Drilling measured from		KB	D.F. 3351.5 ft
Date @ Time Logged		01-Dec-11	16.5 ft above perm. Datum
Run No		ONE	Density of Fluid
Depth - Driller		4116.00 ft	Fluid Level
Depth - Logger		4052.0 ft	Cement Top Est. Location
Bottom - Logged Interval		4049.0 ft	Equipment / Location
Top - Logged Interval		100.0 ft	Recorded by
Max Rec. Temperature		102.0 degF	Witnessed by
CEMENTING DATA		Surface	Production
Date/Time Cemented		String	String
Primary/Squeeze			
Expected Compressive Strength		psi@ hrs	psi@ hrs
Cement Volume			
Cement Type / Weight		/	/
Formulation			
MUD type / MUD Wgt.		/	/
BOREHOLE RECORD		CASING & TUBING RECORD	
No.	Bit	From	To
1	7.875 in	0.00	4116.00 ft
2			8.625 in
3			24.00 lbpf
4			0.0 ft
5			4116.0 ft

Fold here

Service Ticket No.: 9107193		API Serial No.: 30-015-38542		PGM Version WL INSITE R3 4.0 (Build 4)	
The Well Name, Location, Cementing Data & Borehole Description Furnished By Client					
CEMENTING DATA					
Cement Pumped		bbl/min @	psi	/Joint From To	
Preceding Fluid		Volume &	bbl	/Joint From To	
Returns (Full, Partial, None)?				/Joint From To	
Pipe Rotated / Reciprocated				/Joint From To	
During Pumping (Yes, No)?				/Joint From To	
After Plug Down (Yes, No)?				/Joint From To	
Plug Pumped (Yes, No)?				/Joint From To	
Plug Landing Pressure		Psi		/Joint From To	
Pressure Held		Psi	Hrs After Pumping	/Joint From To	
EQUIPMENT DATA					
GAMMA		ACOUSTIC		CAST	
Run No	ONE	Run No.	ONE	Serial No.	
Serial No.	10951380BLUE	Serial No	HOBBS	Scanner No	
Model No.	GTET	Model No	BSAT	Head Size	
Diameter	3.63"	Diameter	3.63"	Transducer Type	
Detector Model No.	T-102	No. of Cent.	TWO	Slot	
Type	SCINT	Spacing	0.5'		
Length	8"				
Distance to Source	N/A				
LOGGING DATA					
GENERAL		GAMMA		NEUTRON	
Run	Depth	Well Head	Speed	Scale	Scale

NO	FROM	TO	Pressure	IN / MIN	L	R	L	R	L	R
ONE	4055'	100'	0	REC	0	100				

DIRECTIONAL INFORMATION			
Maximum Deviation	@	KOP	@

Remarks WELLSITE COORDINATES 32 29degN & 103.8degN										
TOOLSTRING: CCL/GTET/BSAT-CBL/CENT										

ALL HALLIBURTON DEPTH CONTROL PROCEDURES WERE FOLLOWED										
HES CREW, J SANABRIA, B ORDONEZ										
THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES - HOBBS, NM 800-416-6081										

HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.

HALLIBURTON

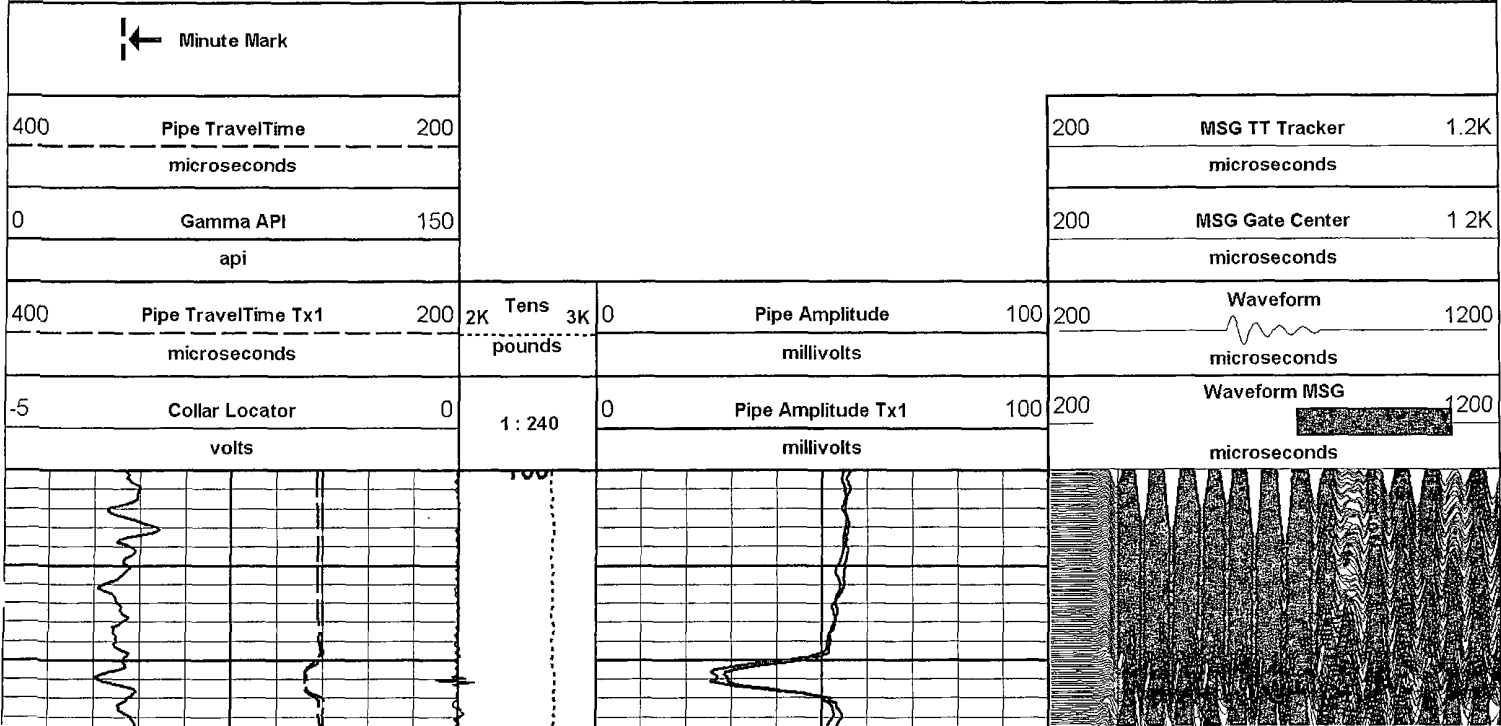
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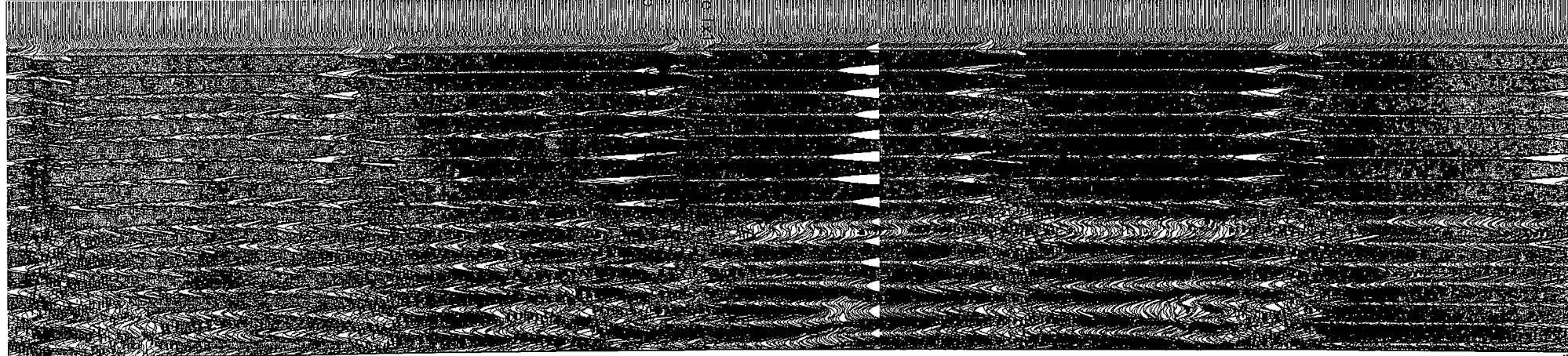
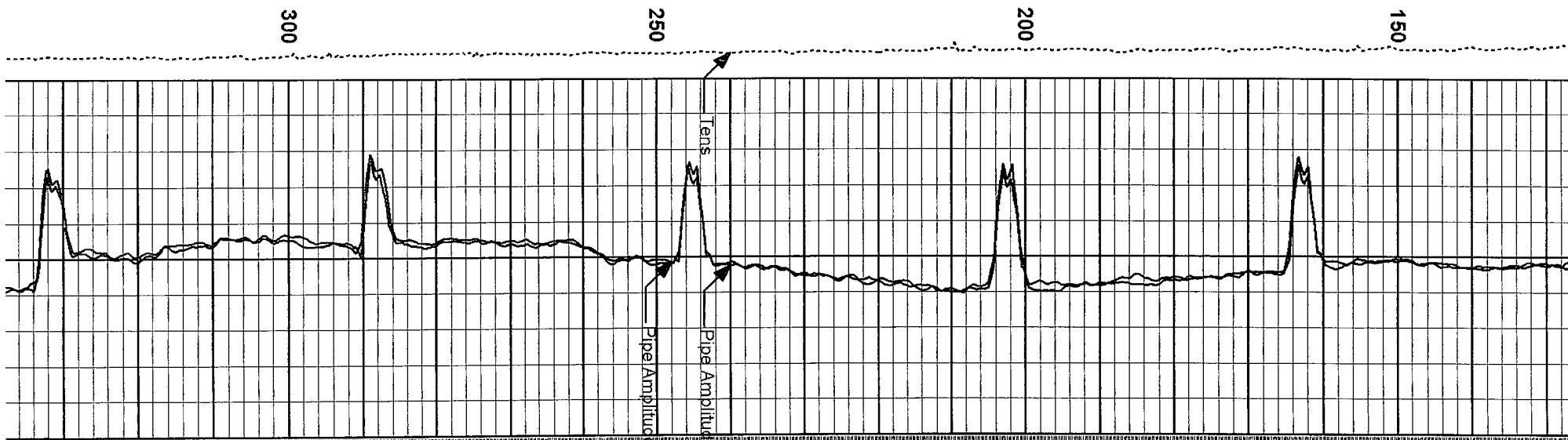
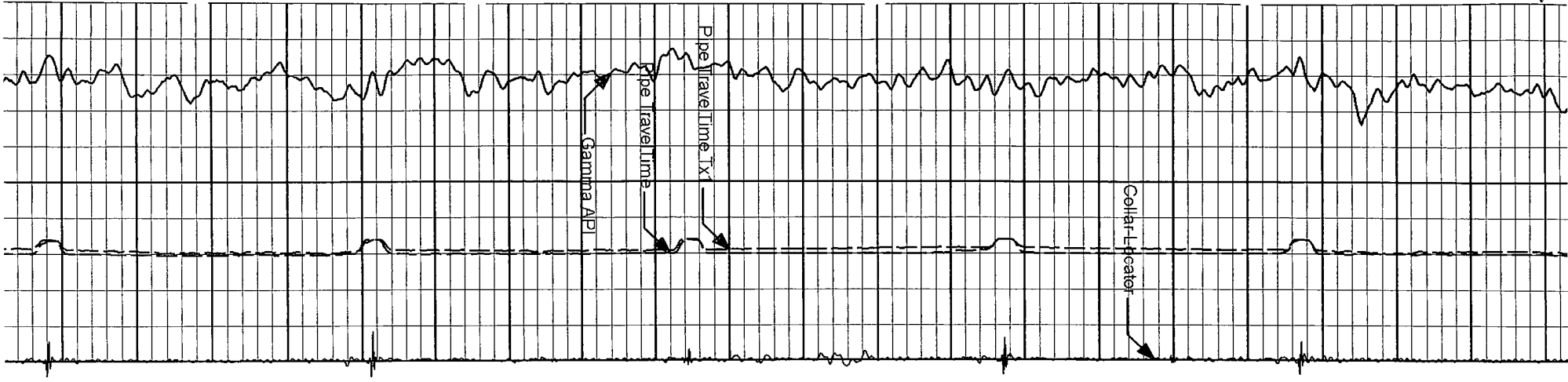
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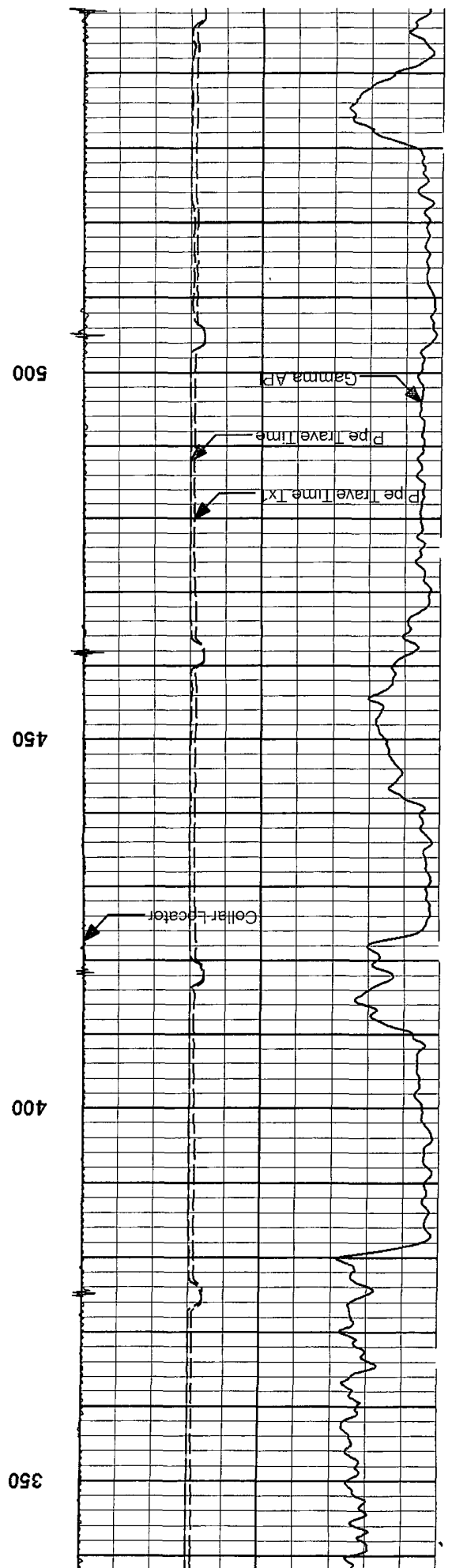
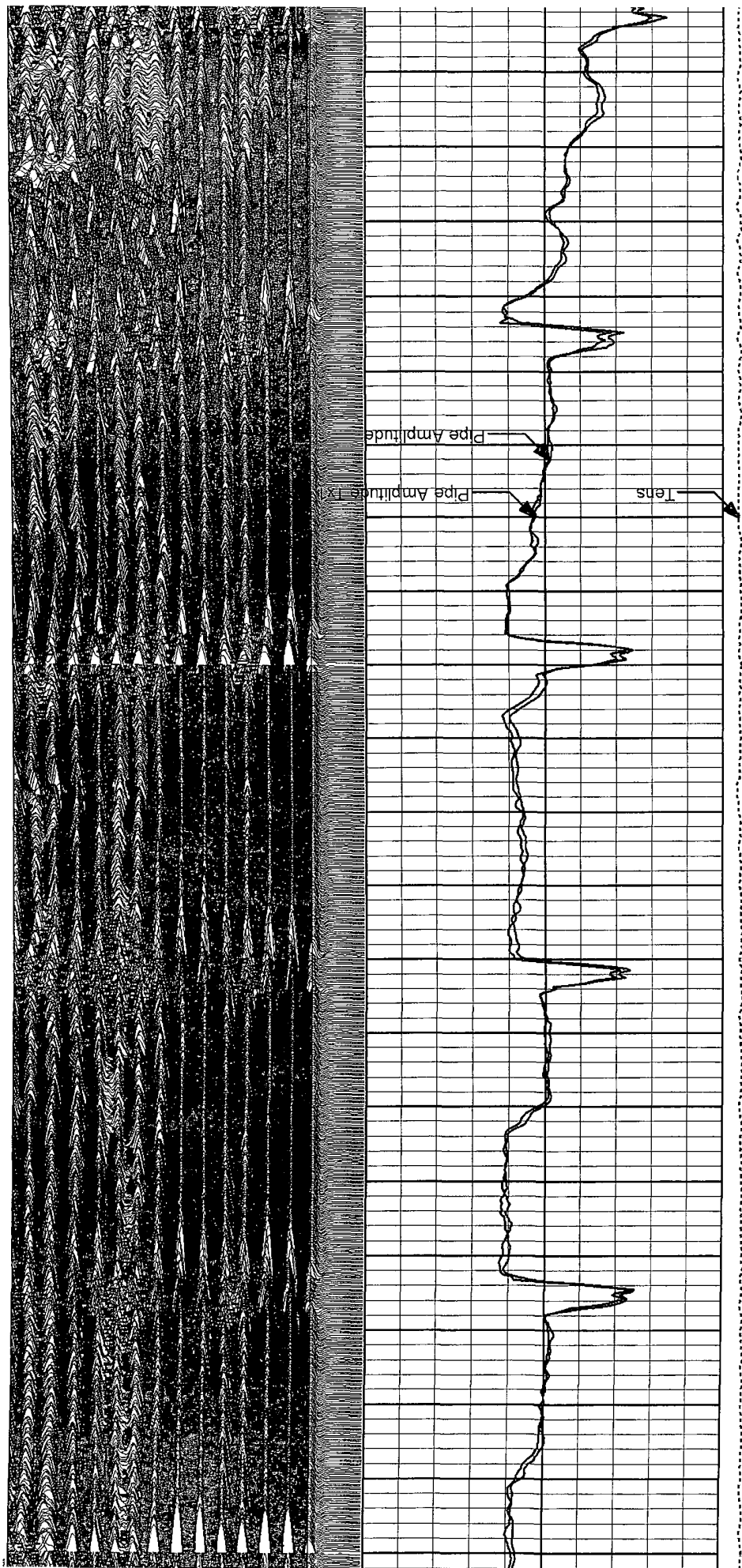
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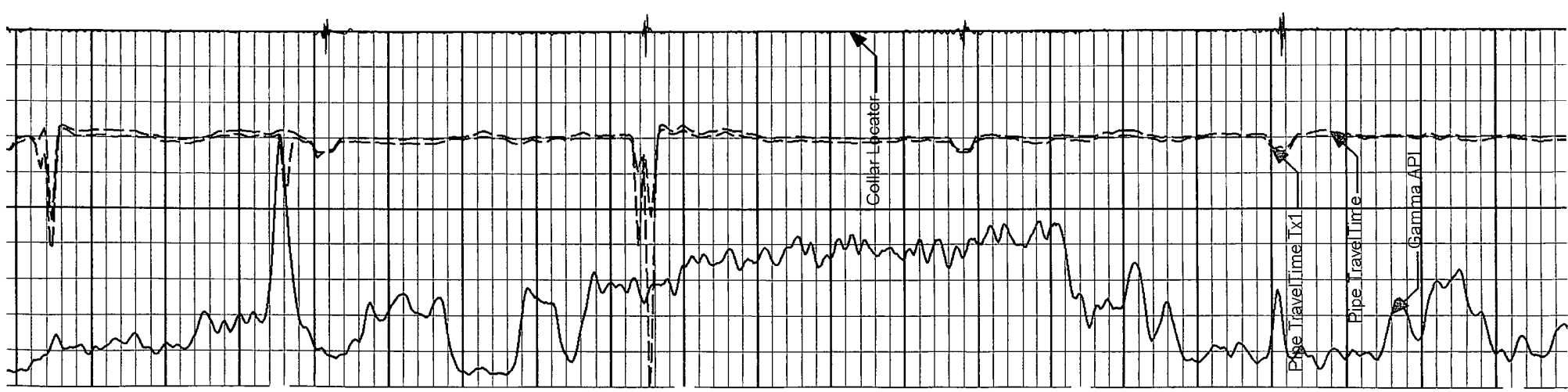
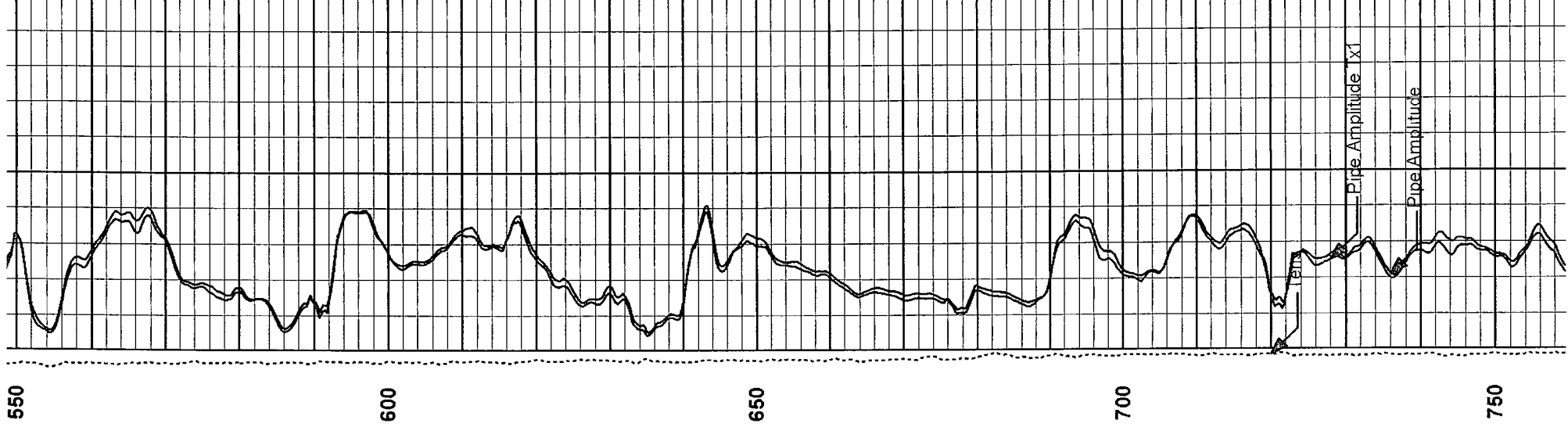
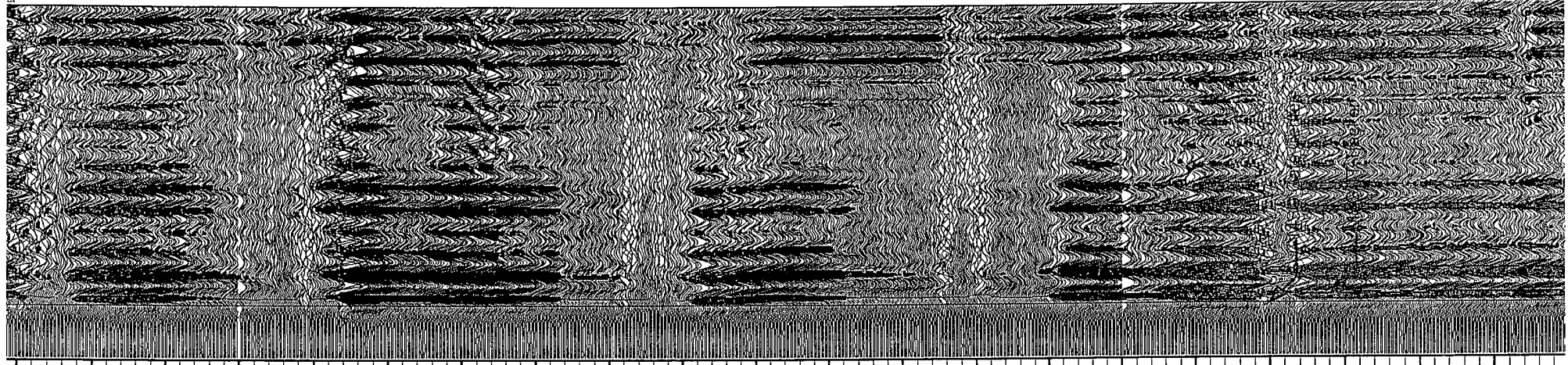
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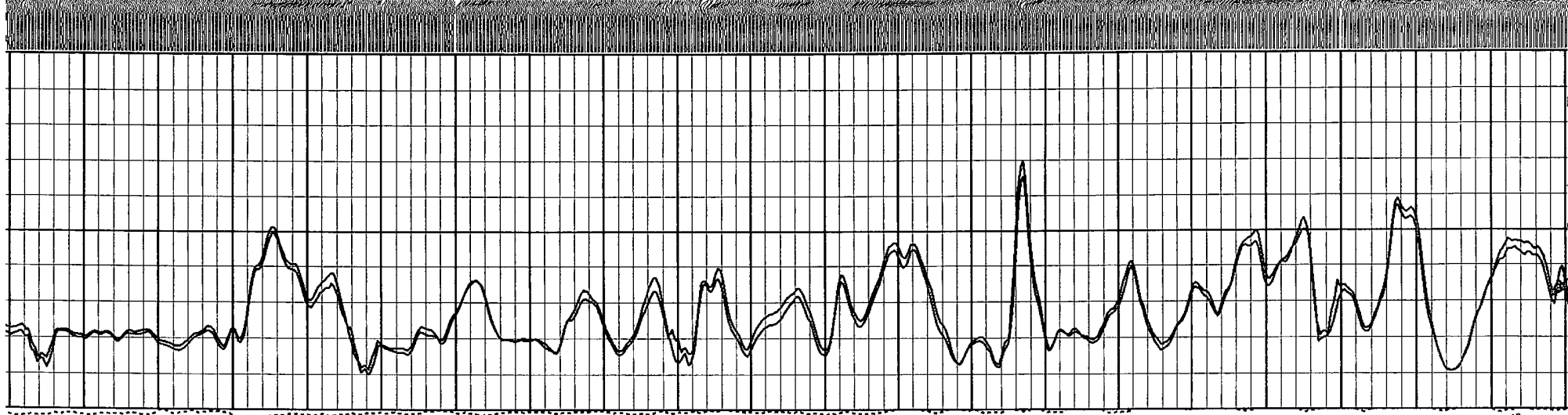
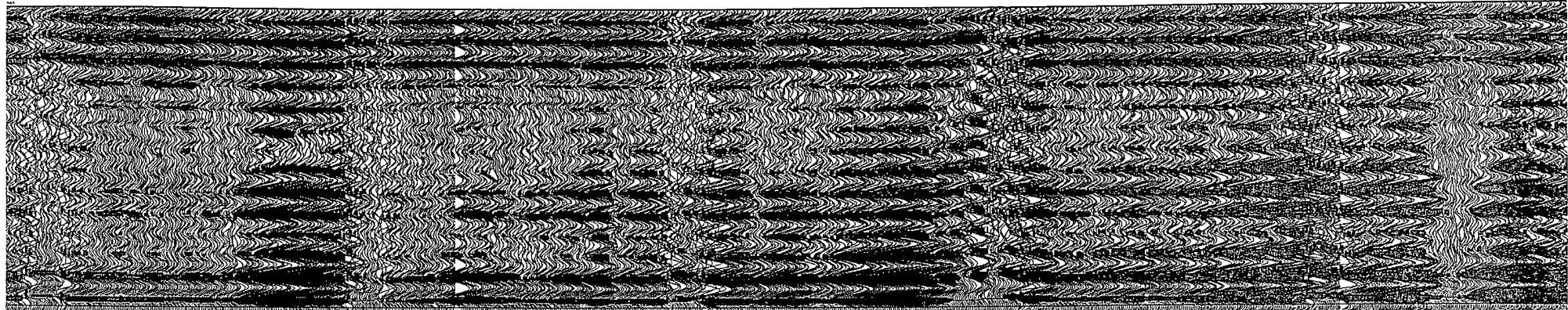
MAIN PASS
5IN = 100FT











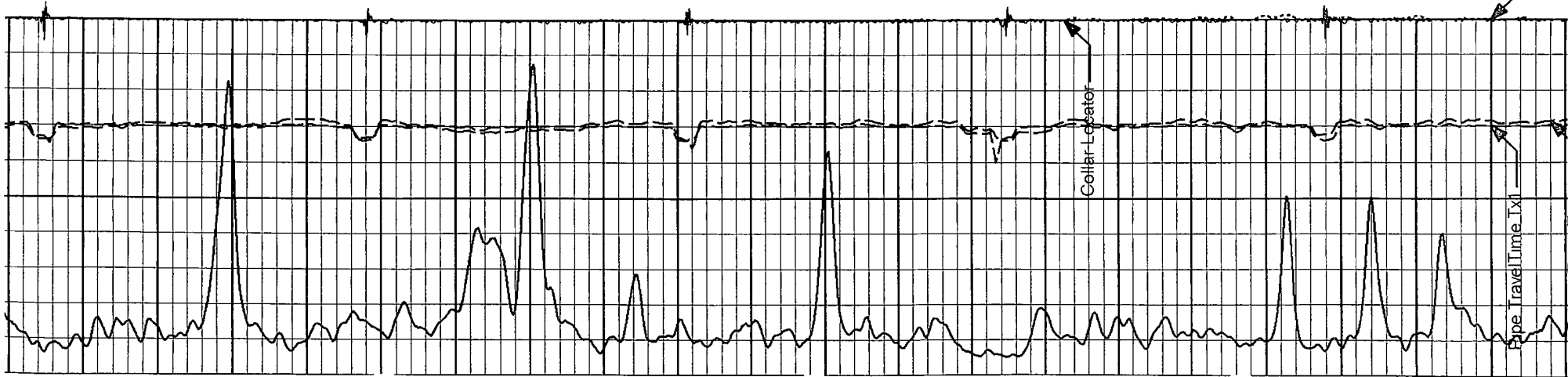
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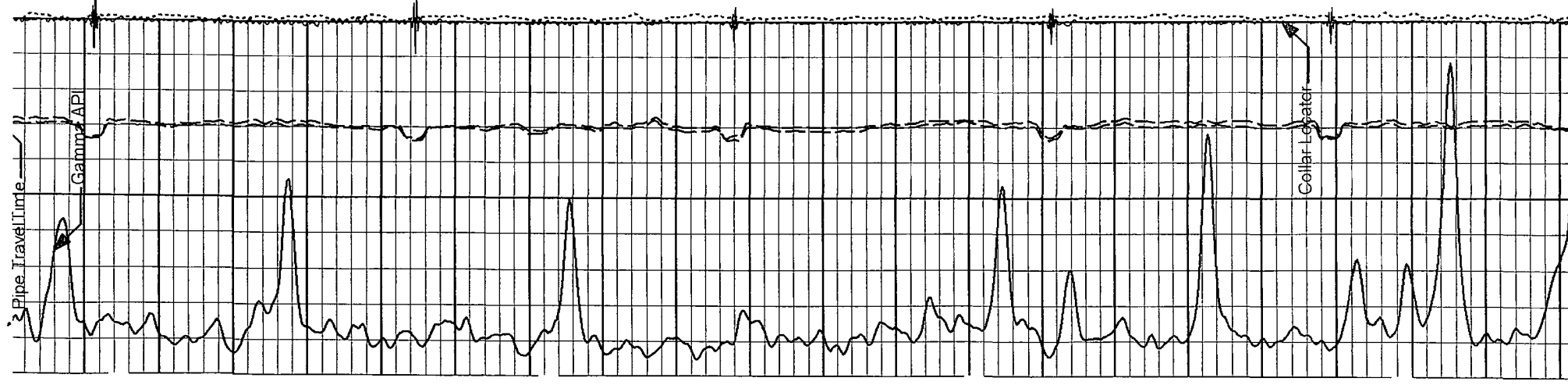
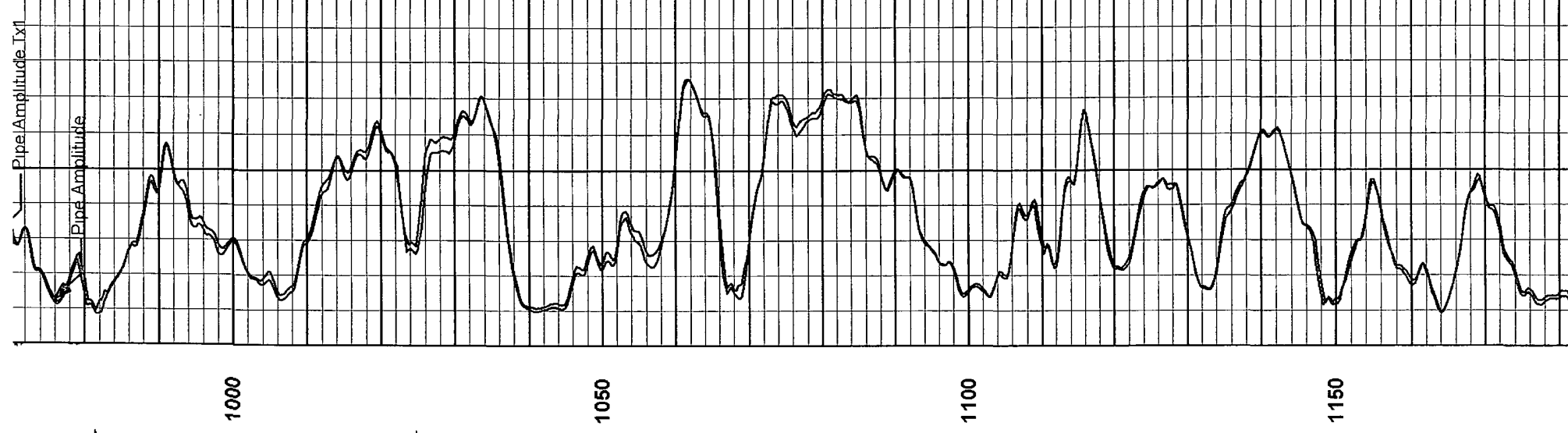
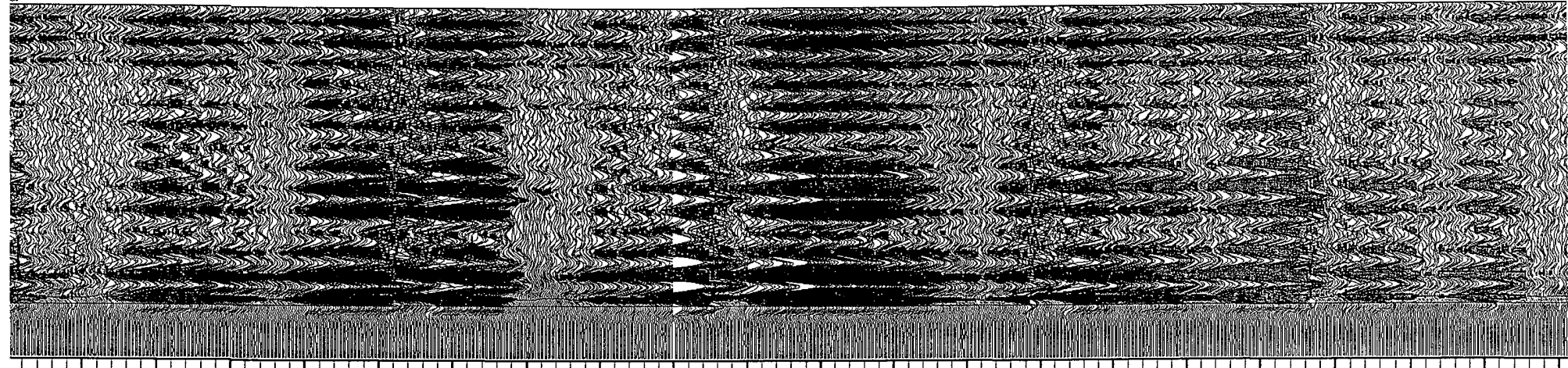
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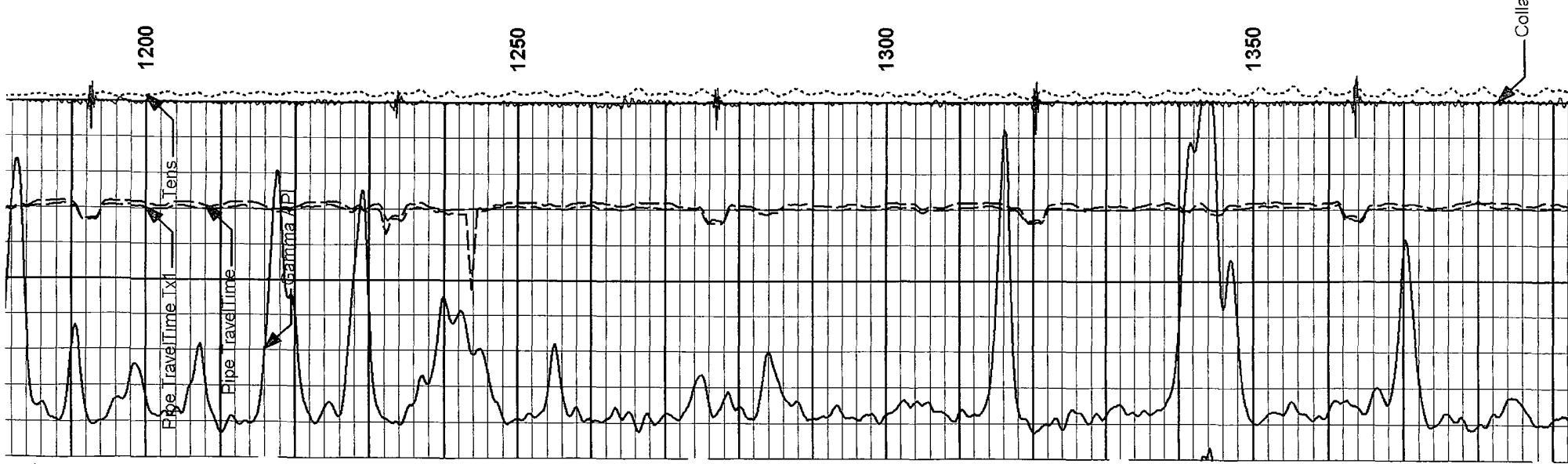
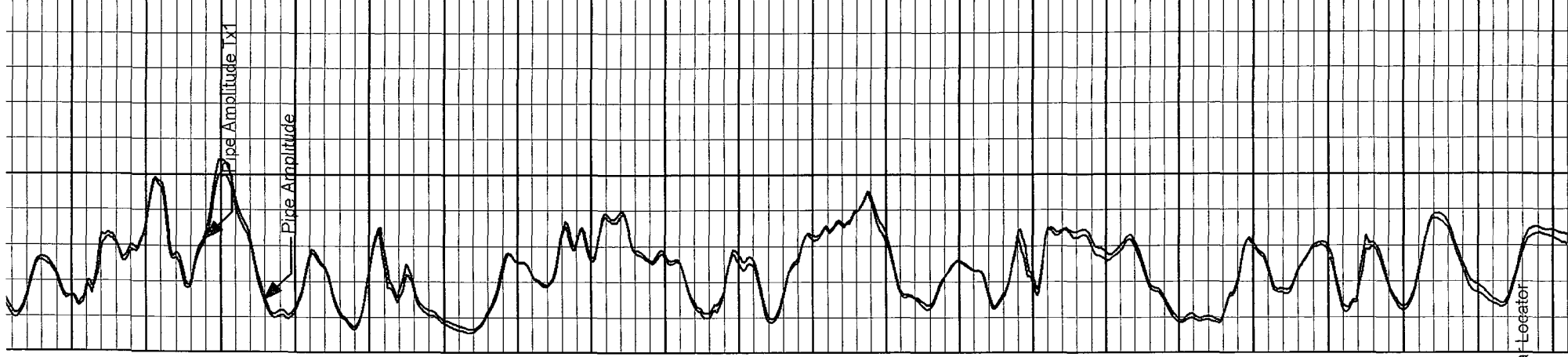
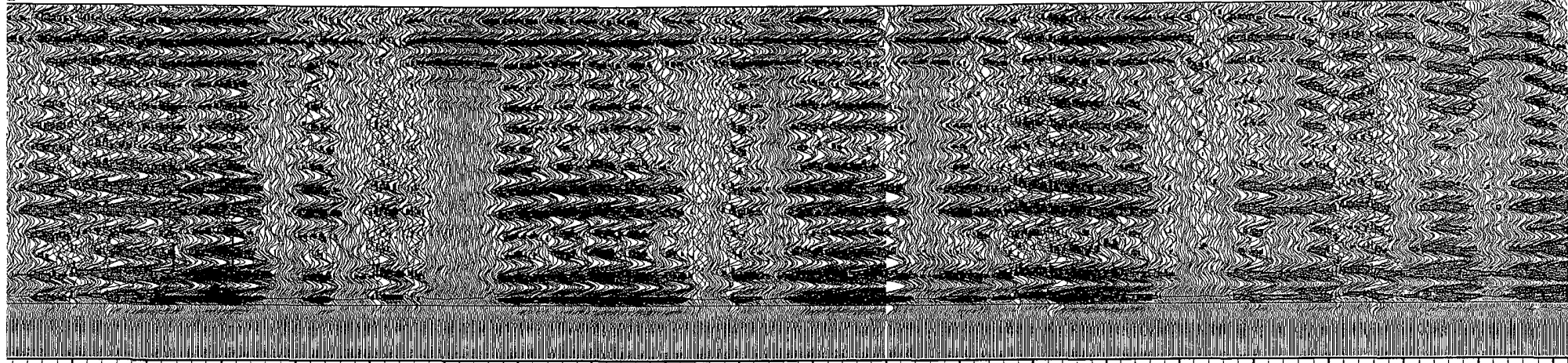
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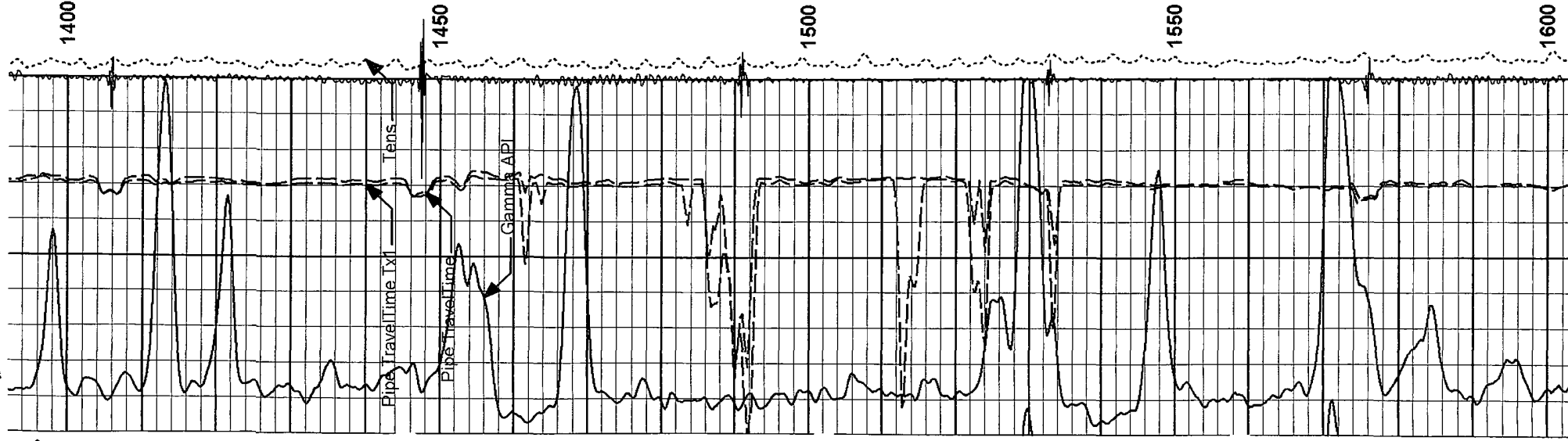
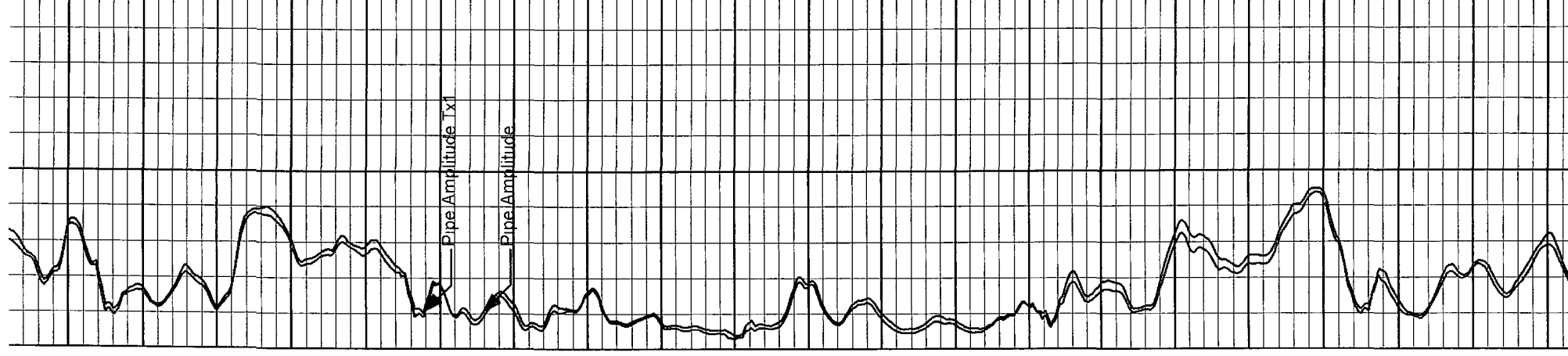
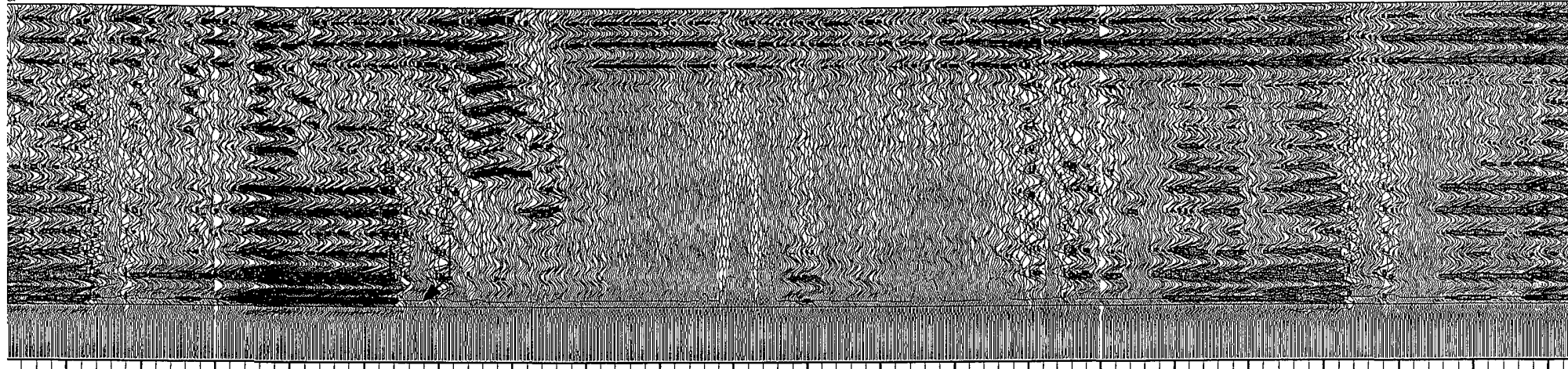


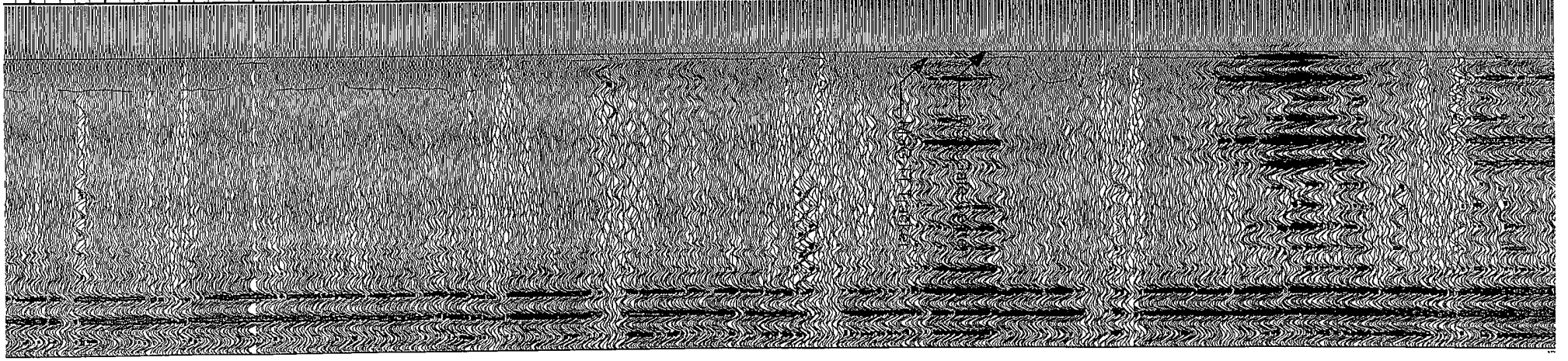
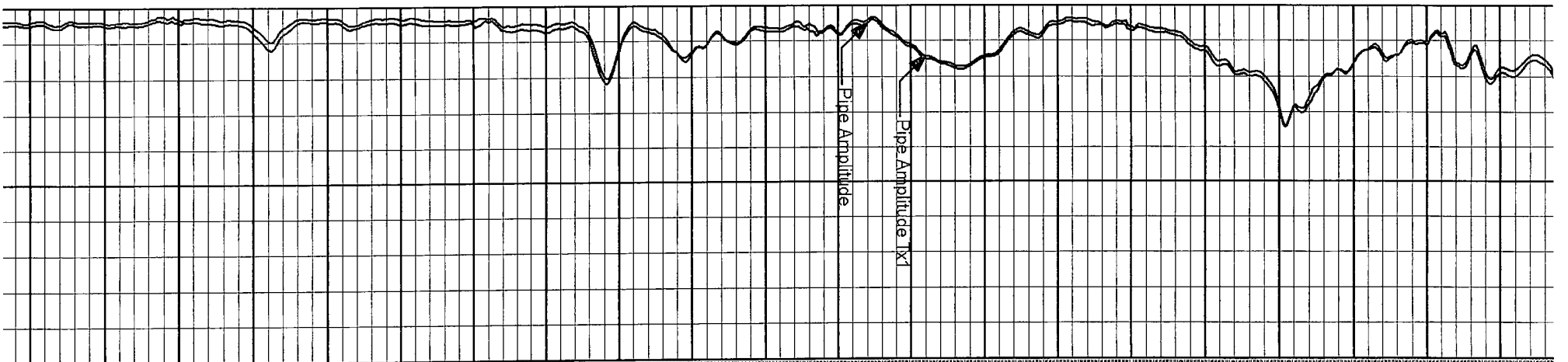
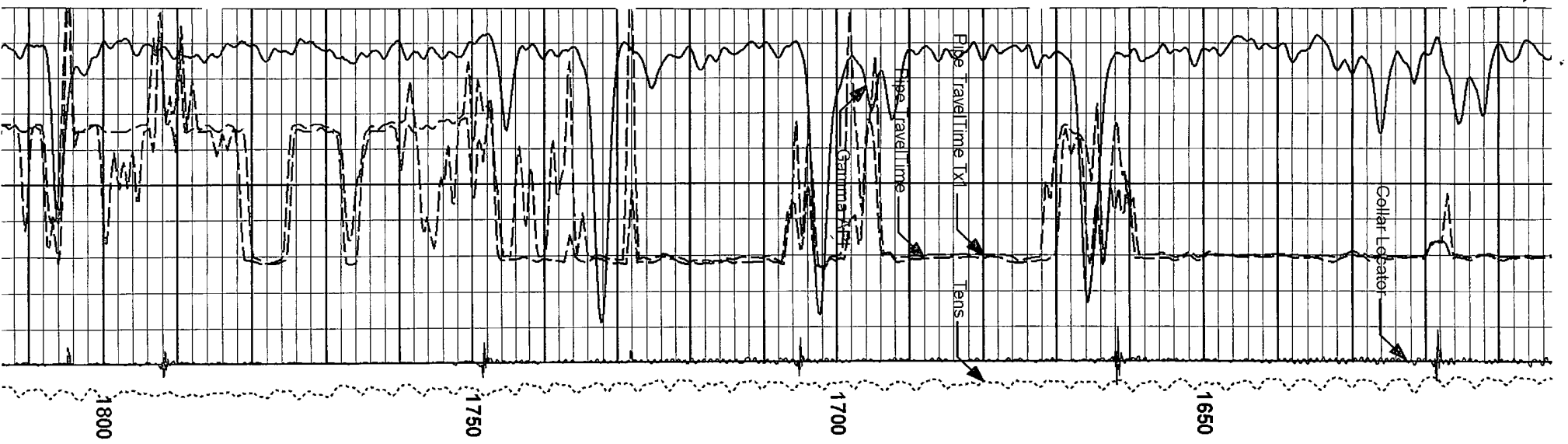
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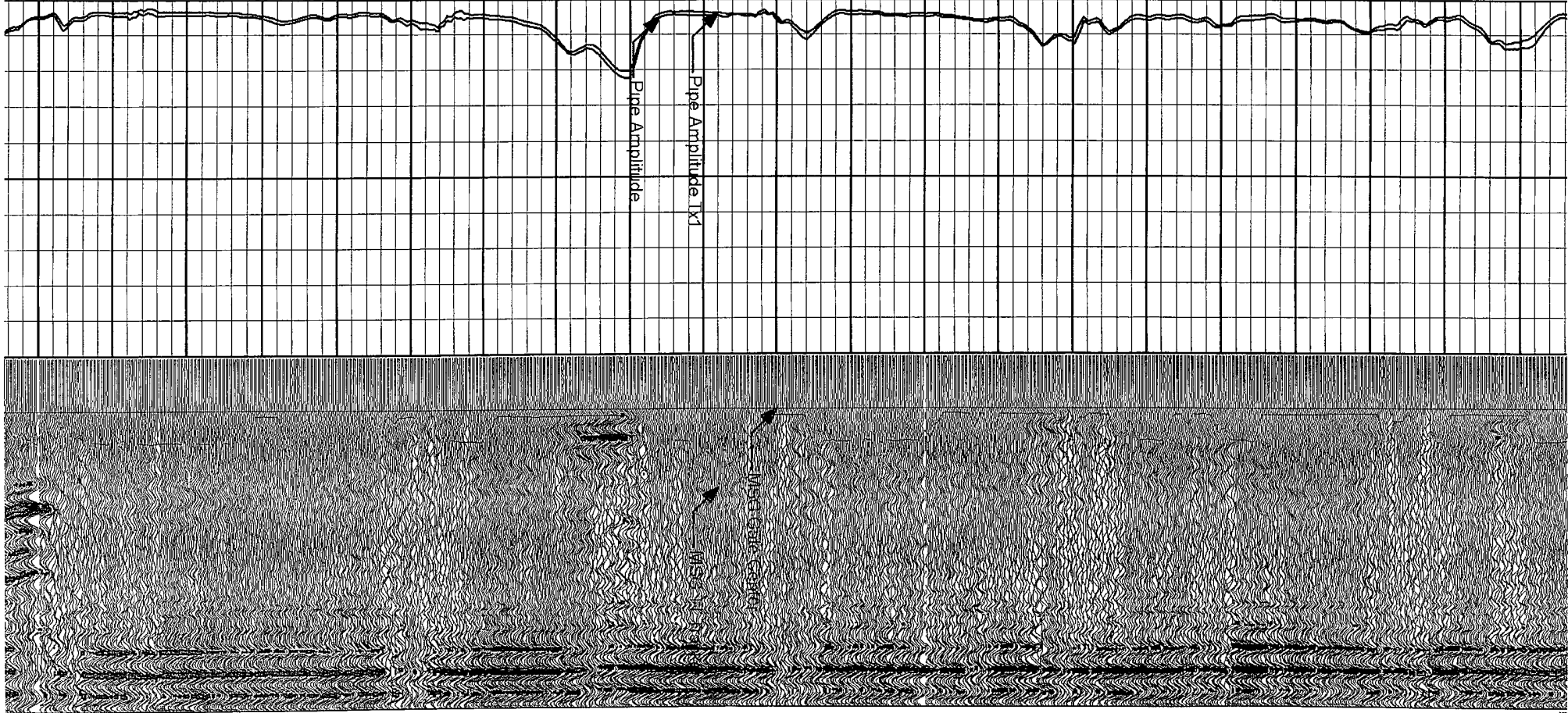
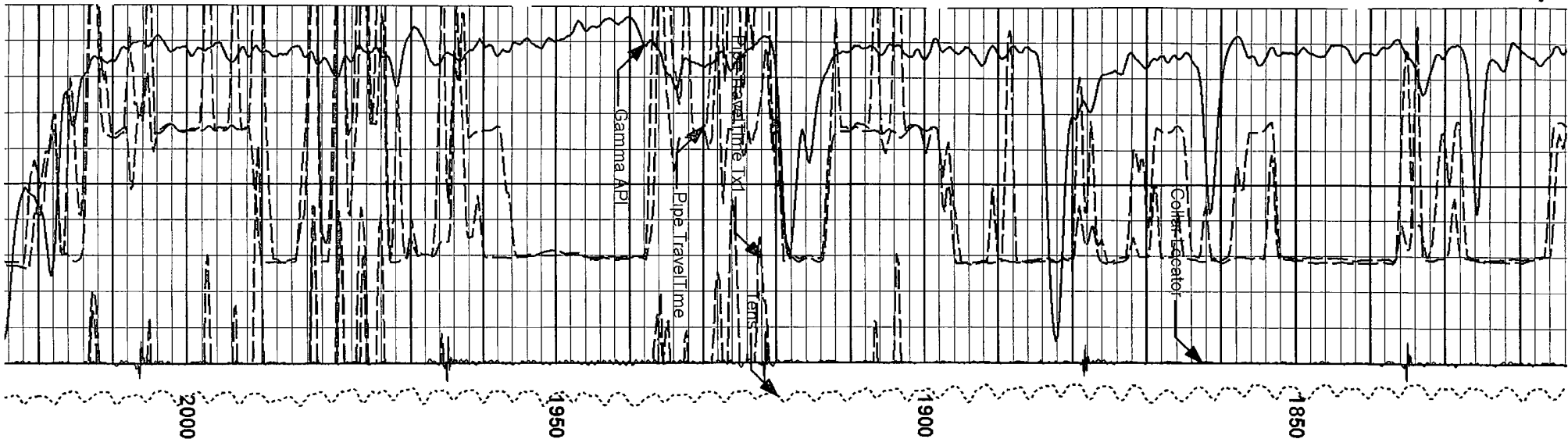
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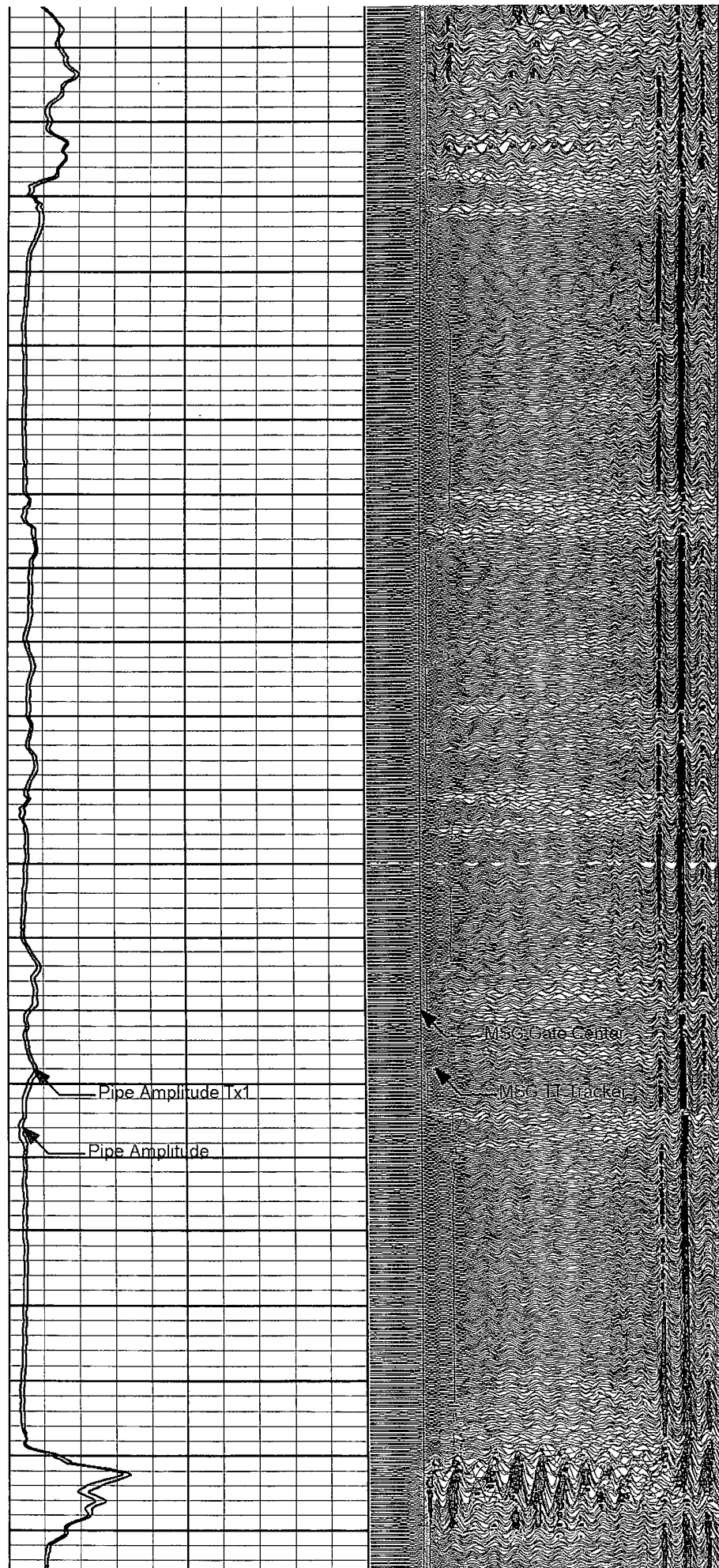
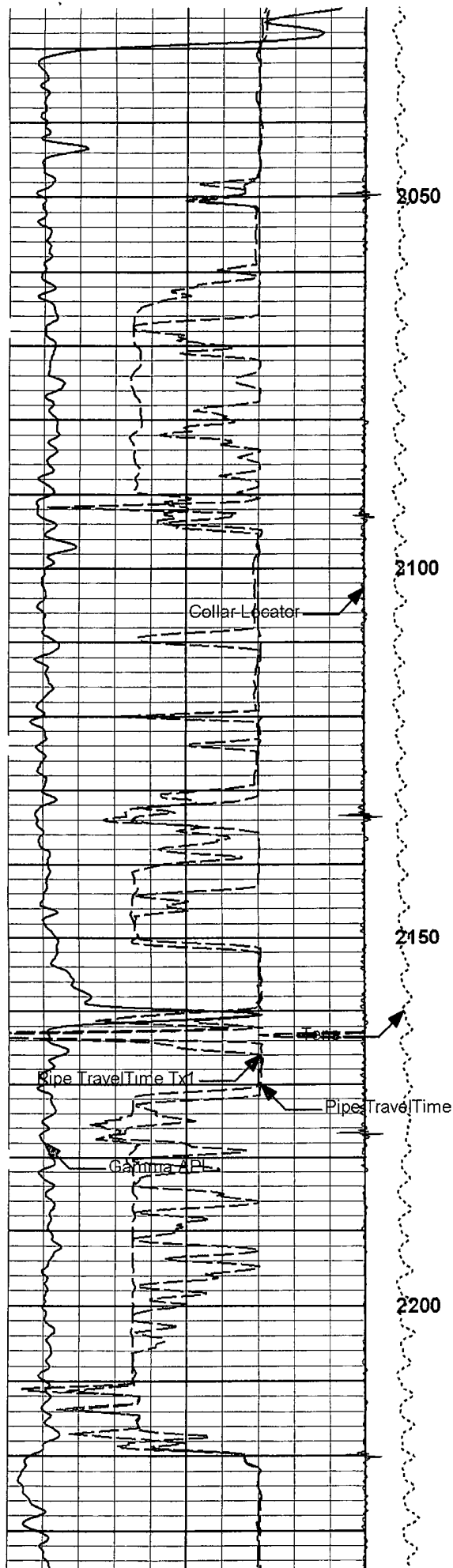


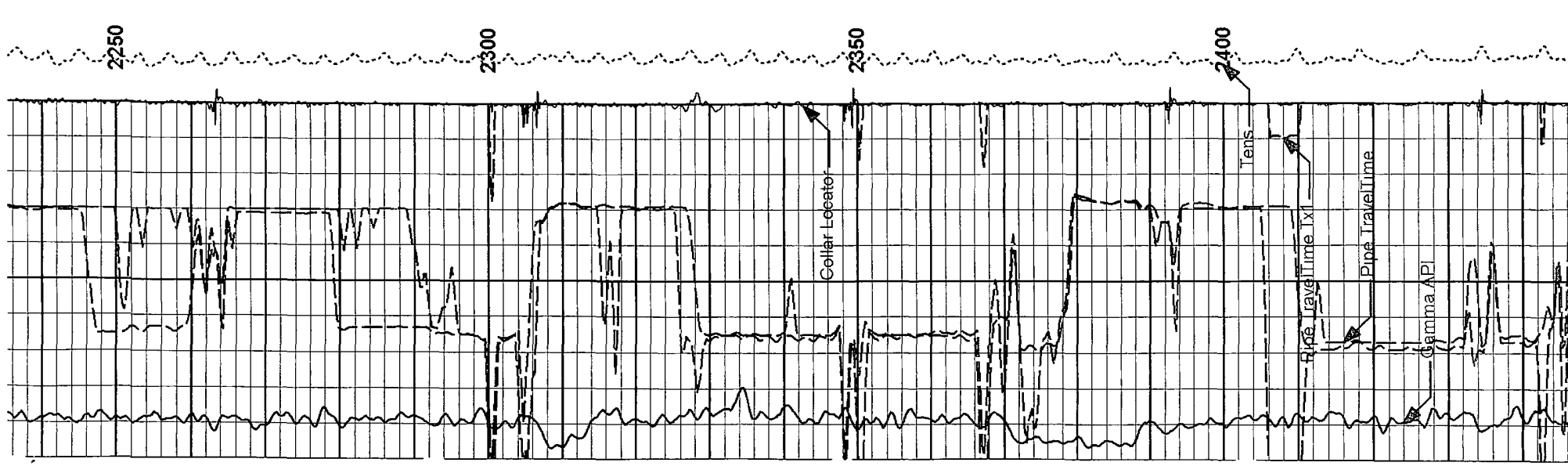
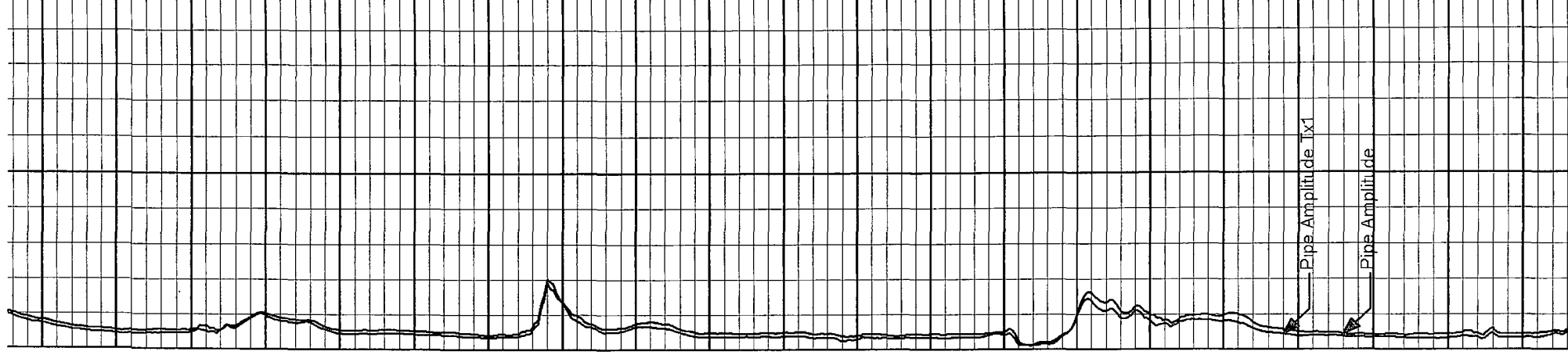
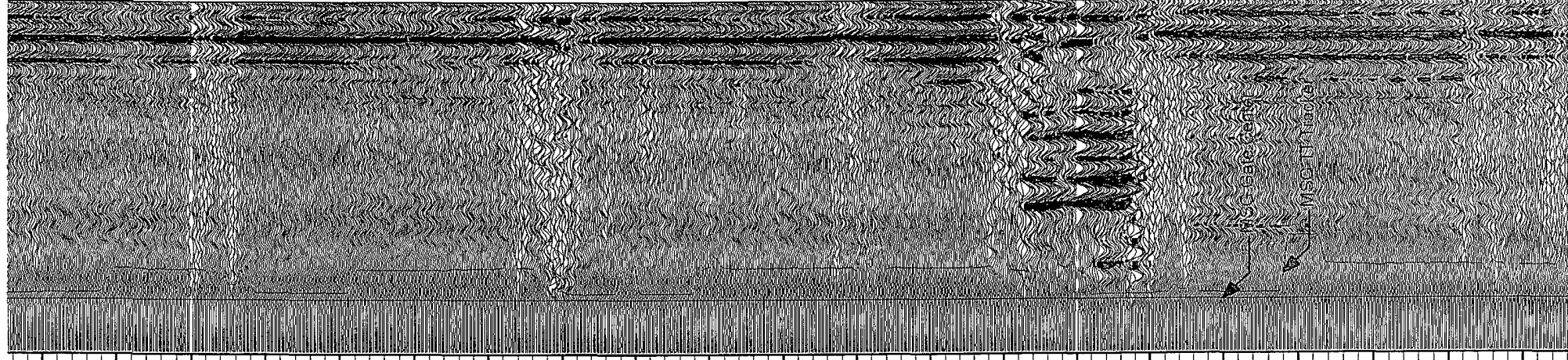


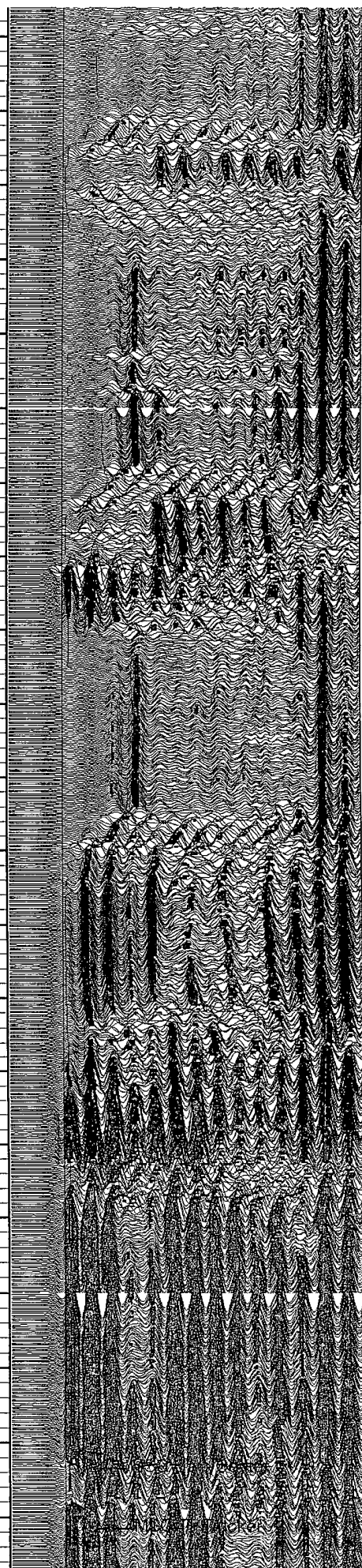
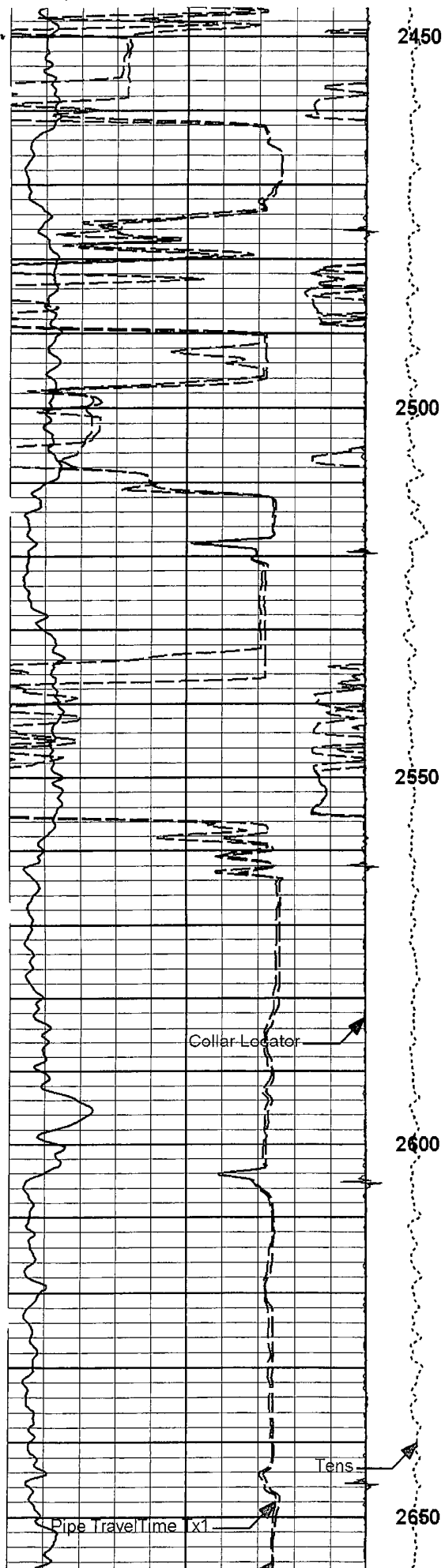


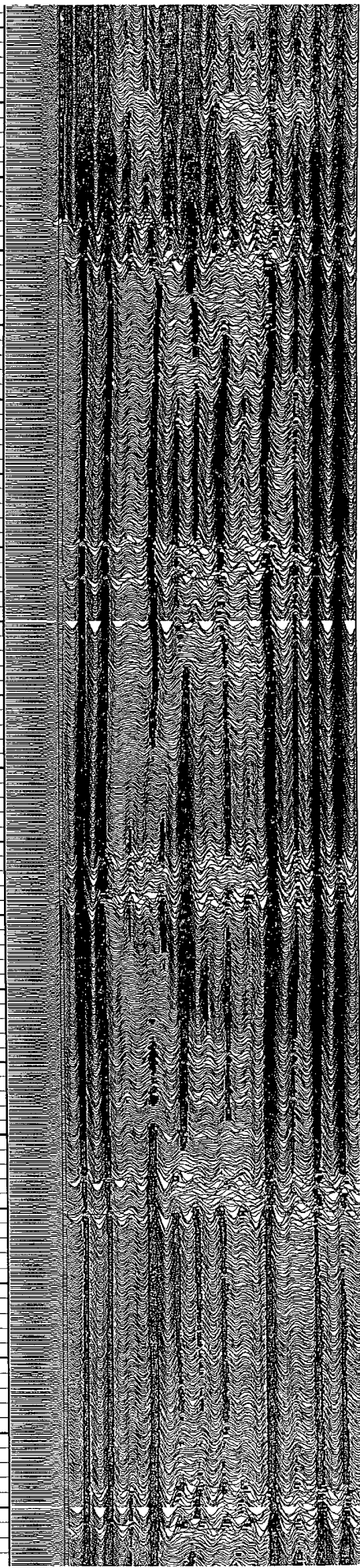
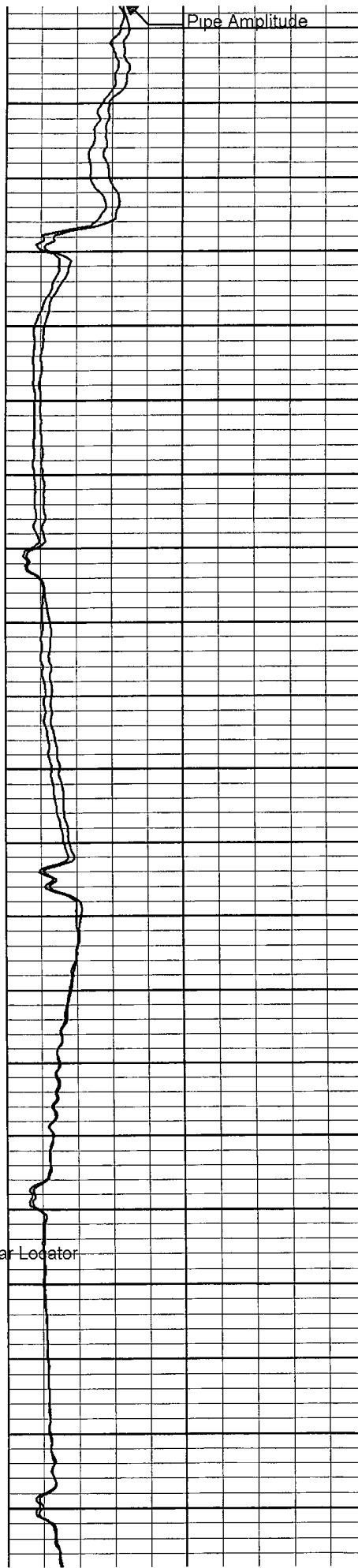
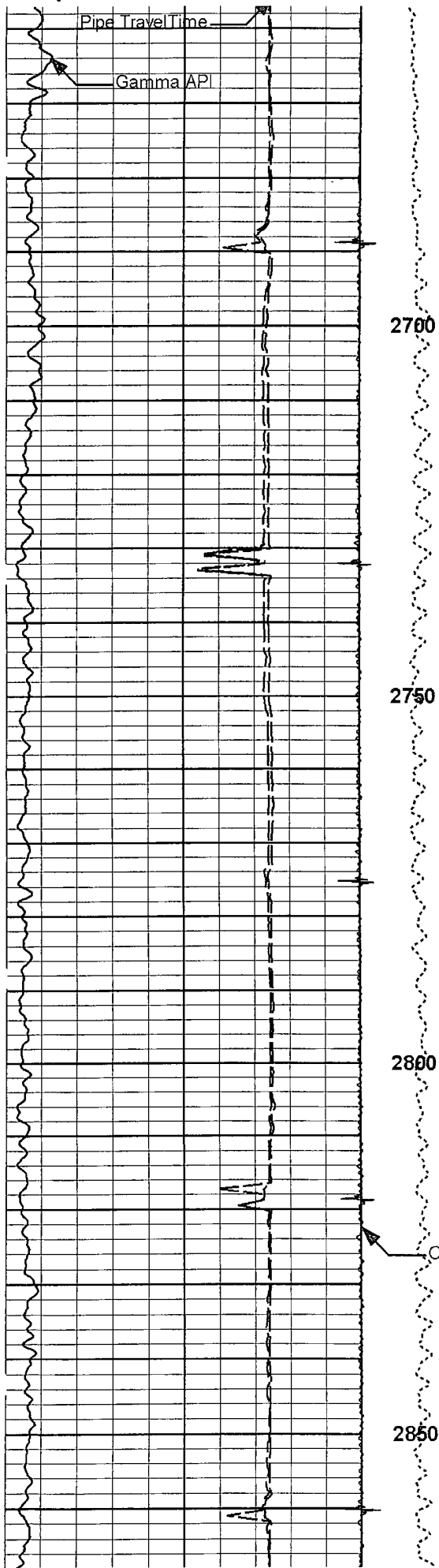


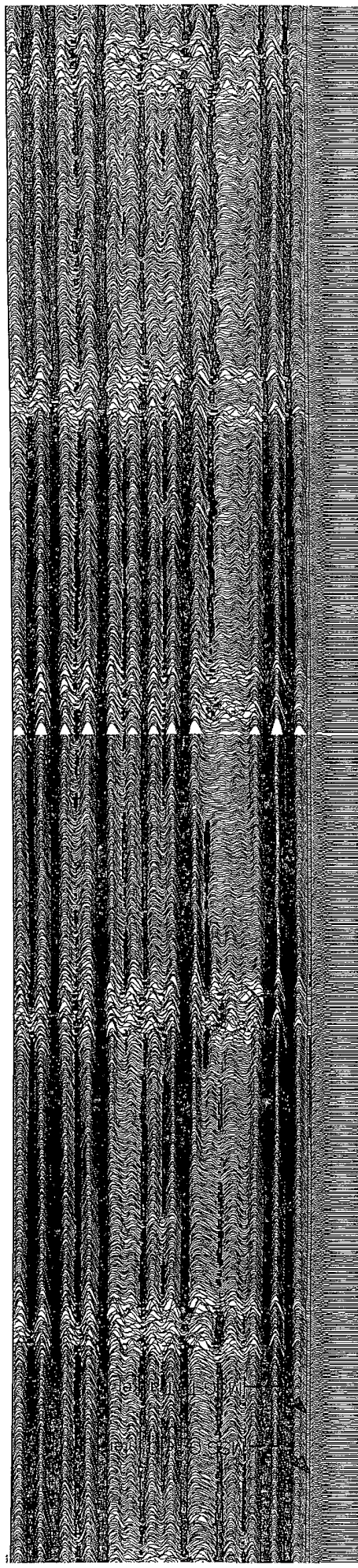
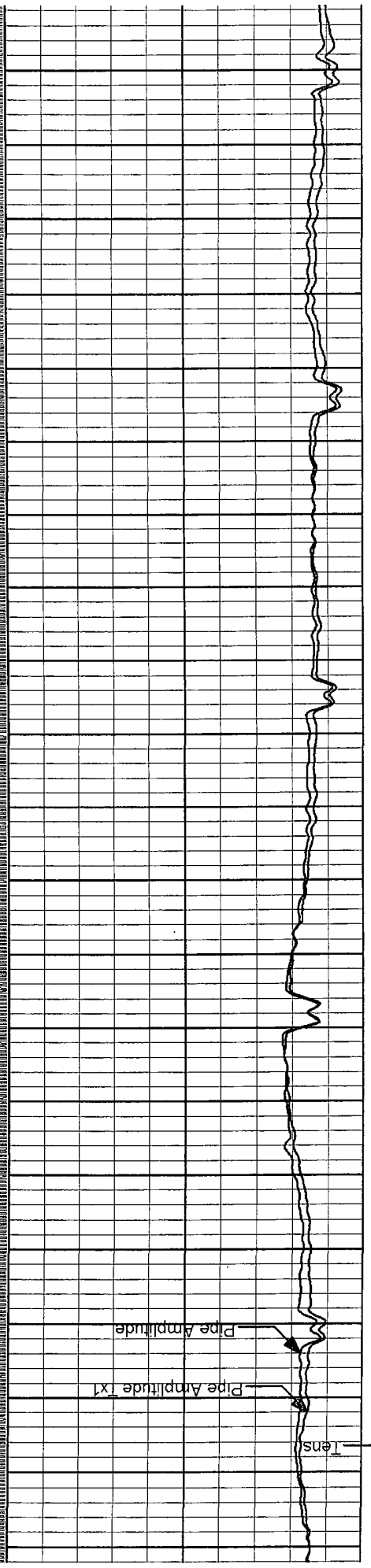
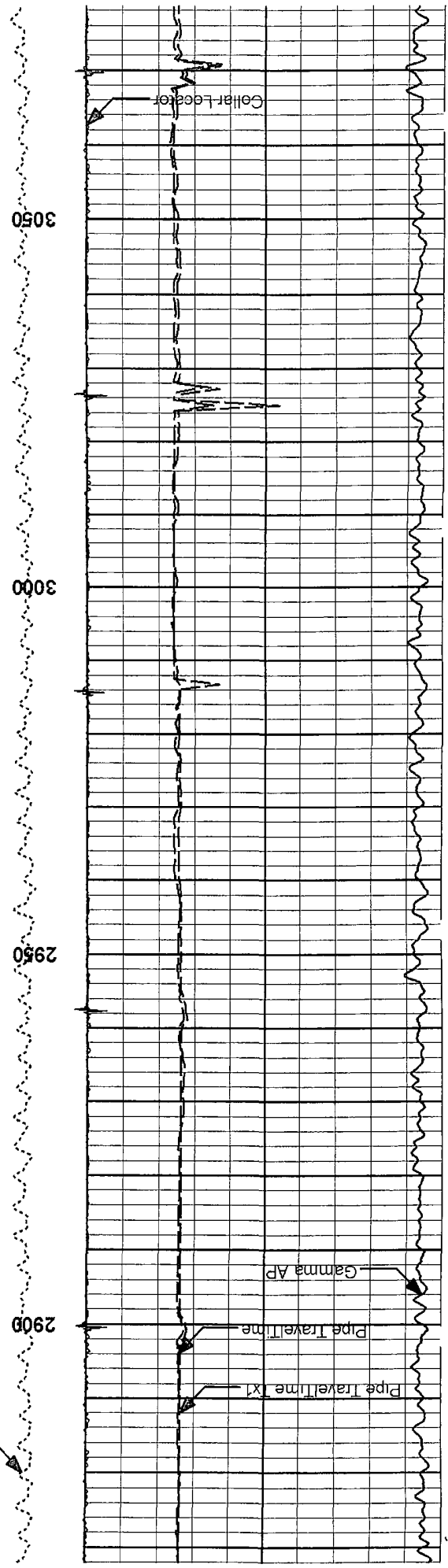


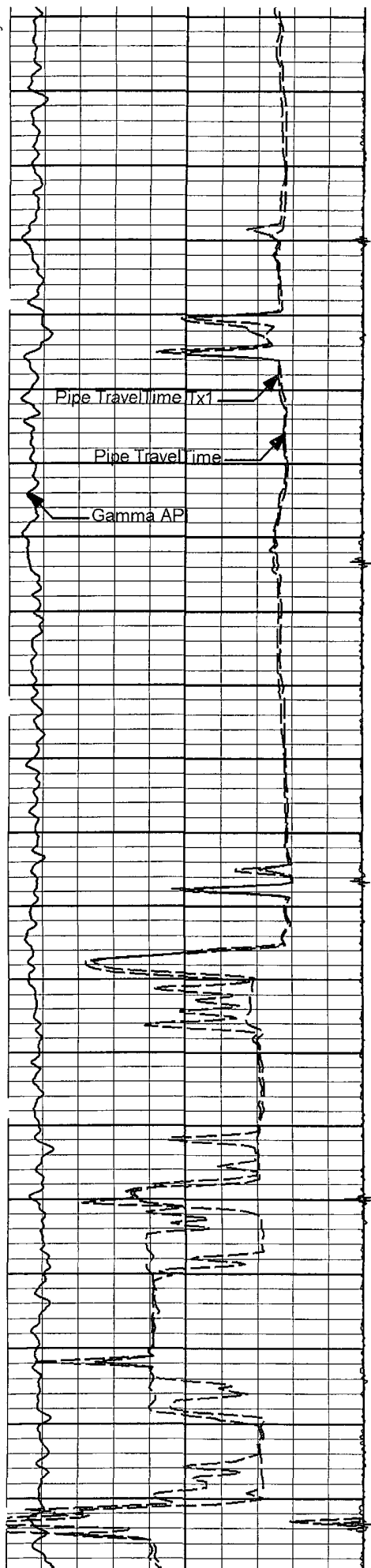












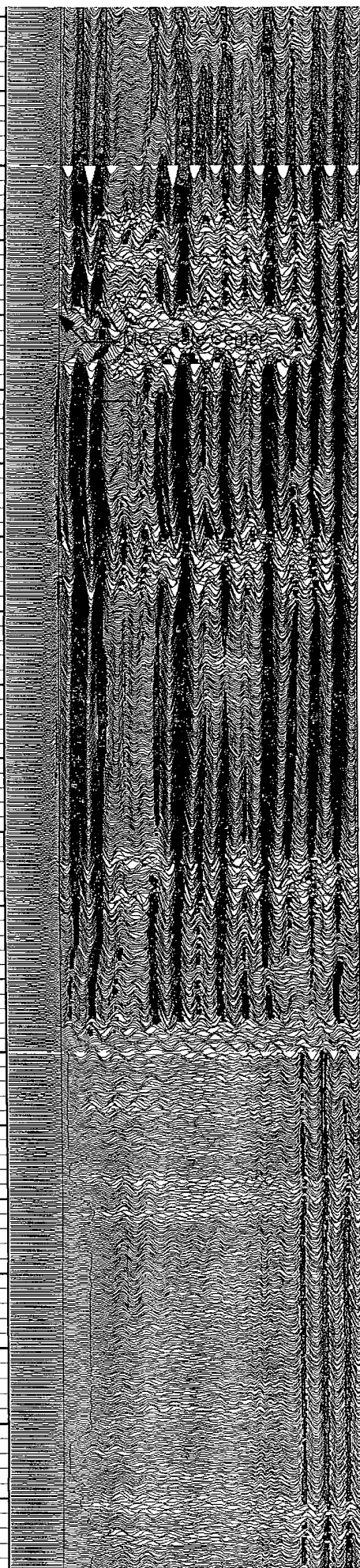
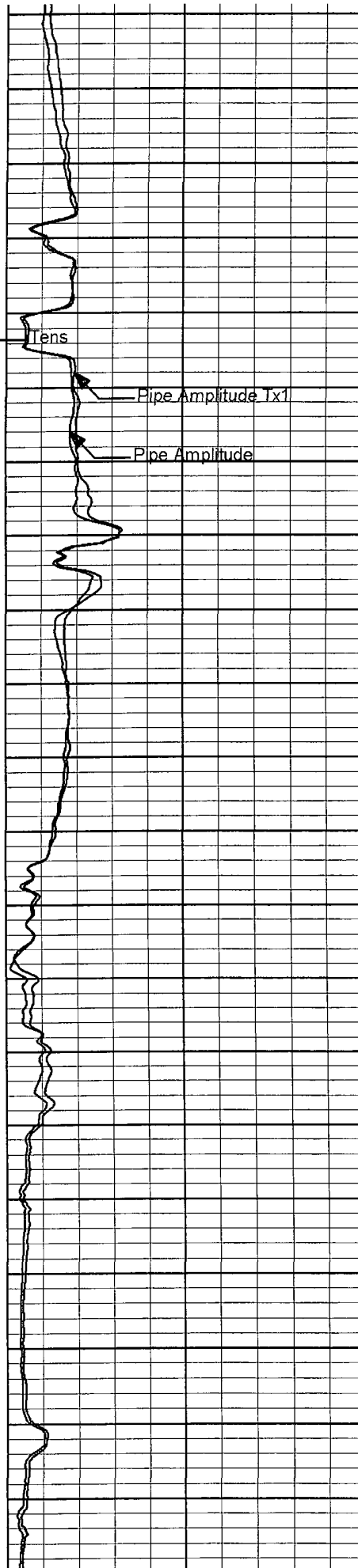
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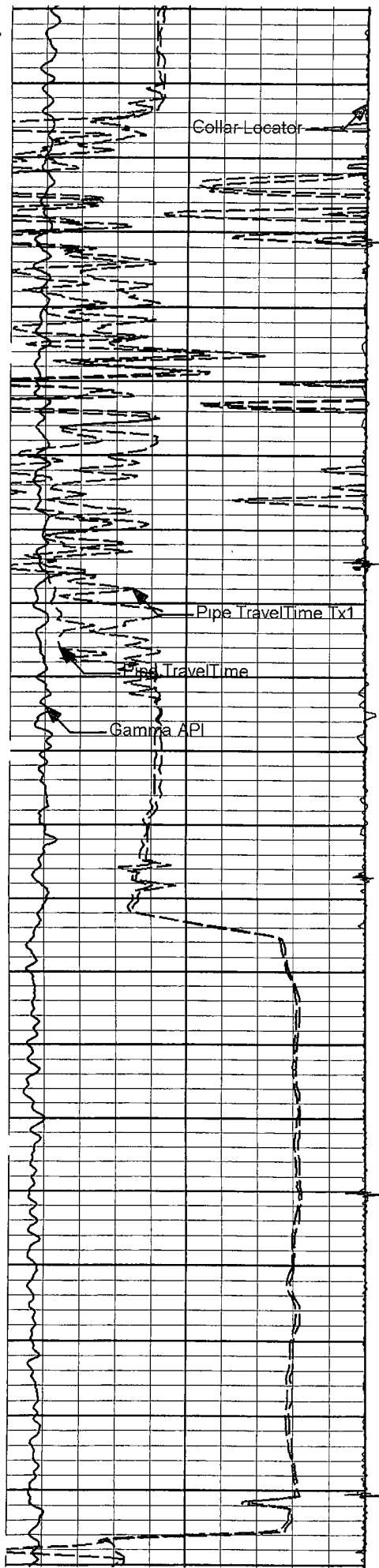
3150

3200

3250

Tens





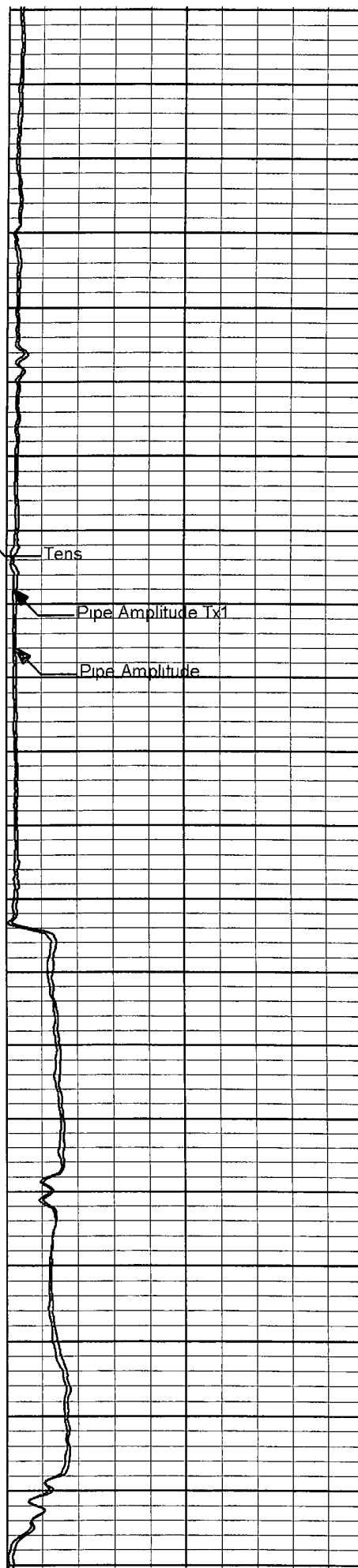
3300

3350

3400

3450

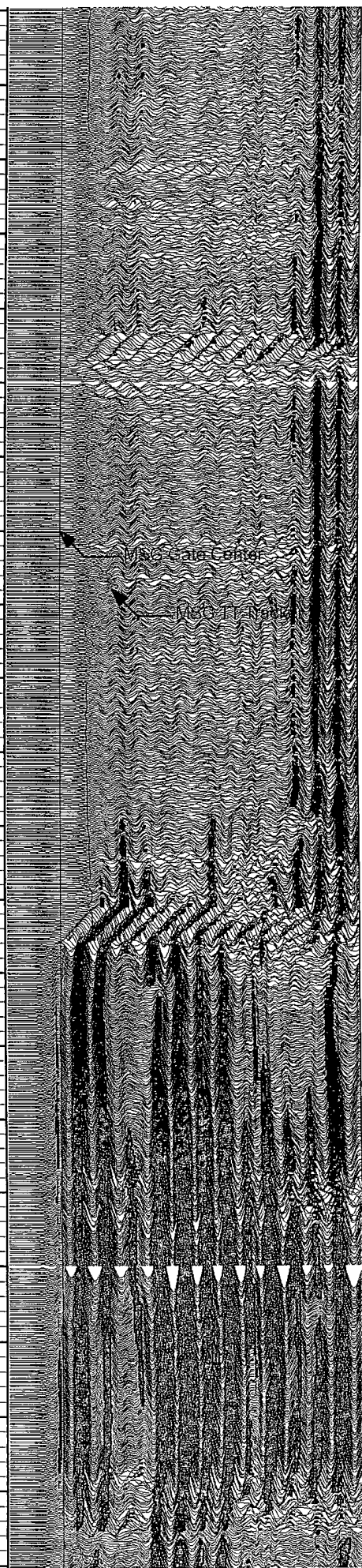
3500



Tens

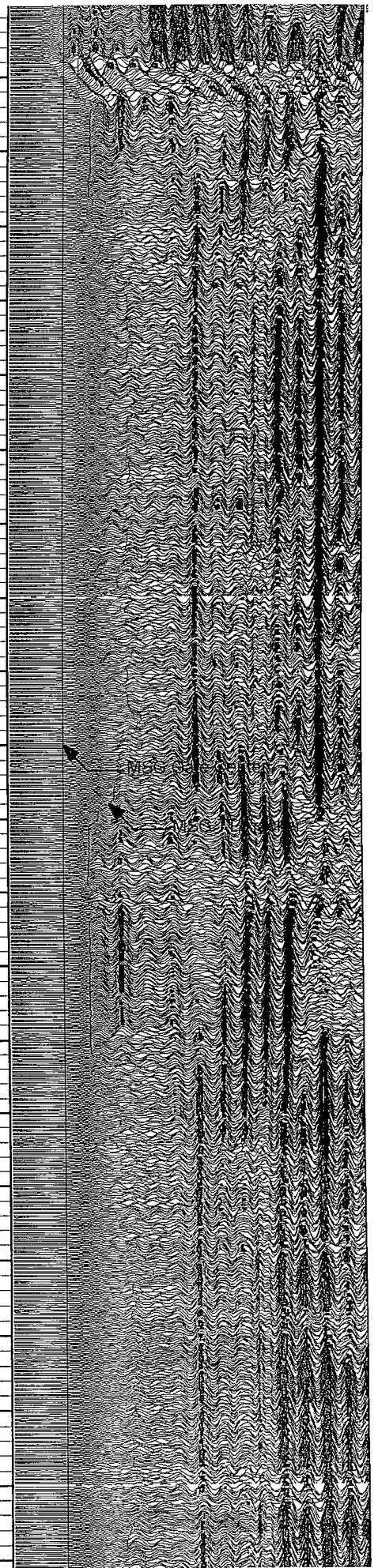
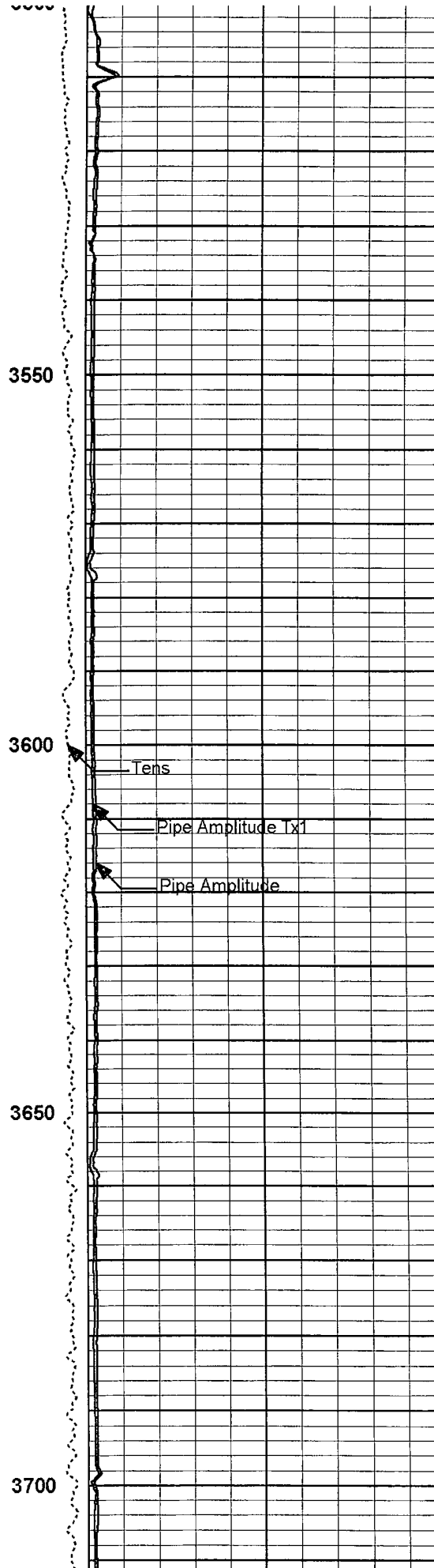
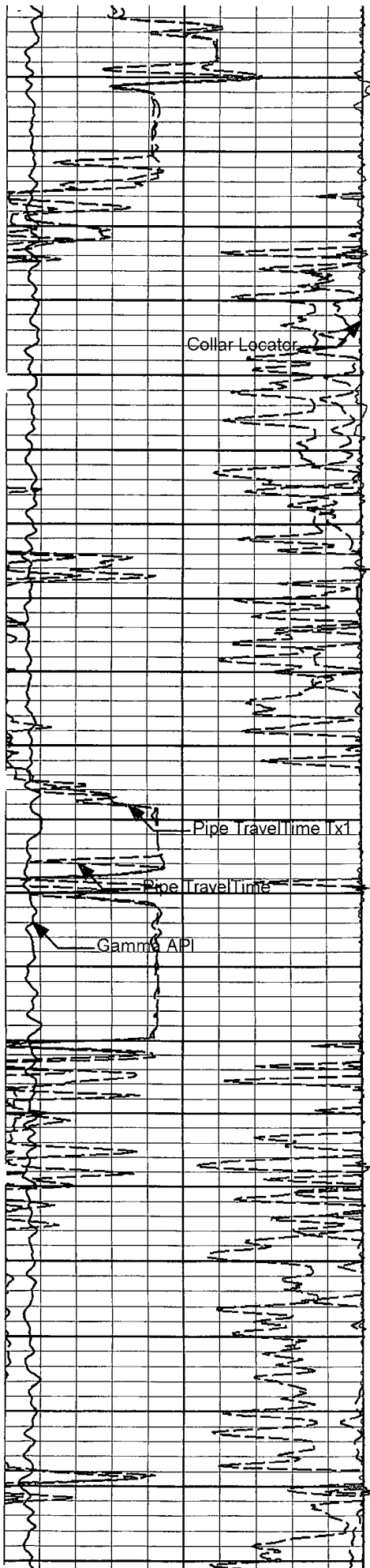
Pipe Amplitude Tx1

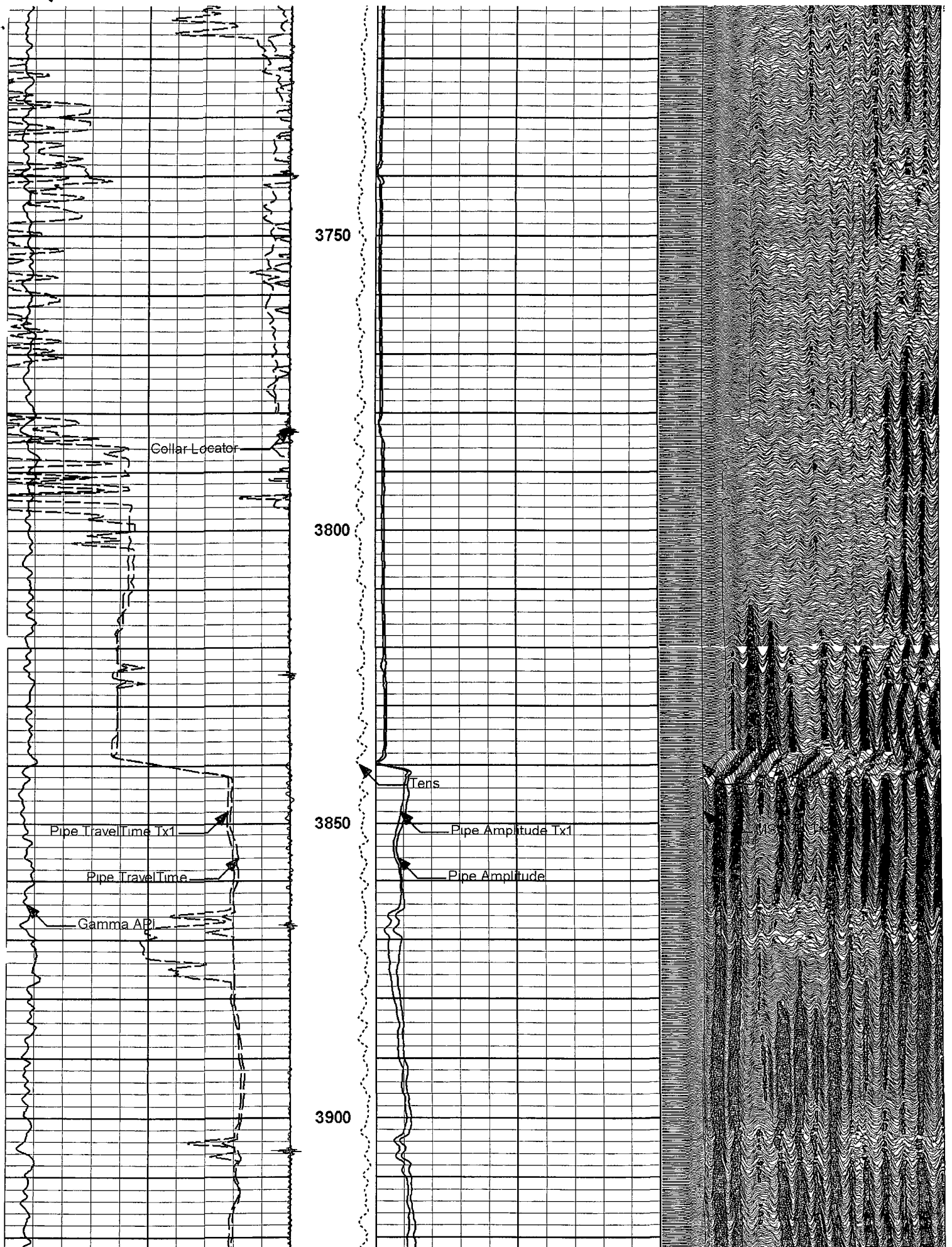
Pipe Amplitude

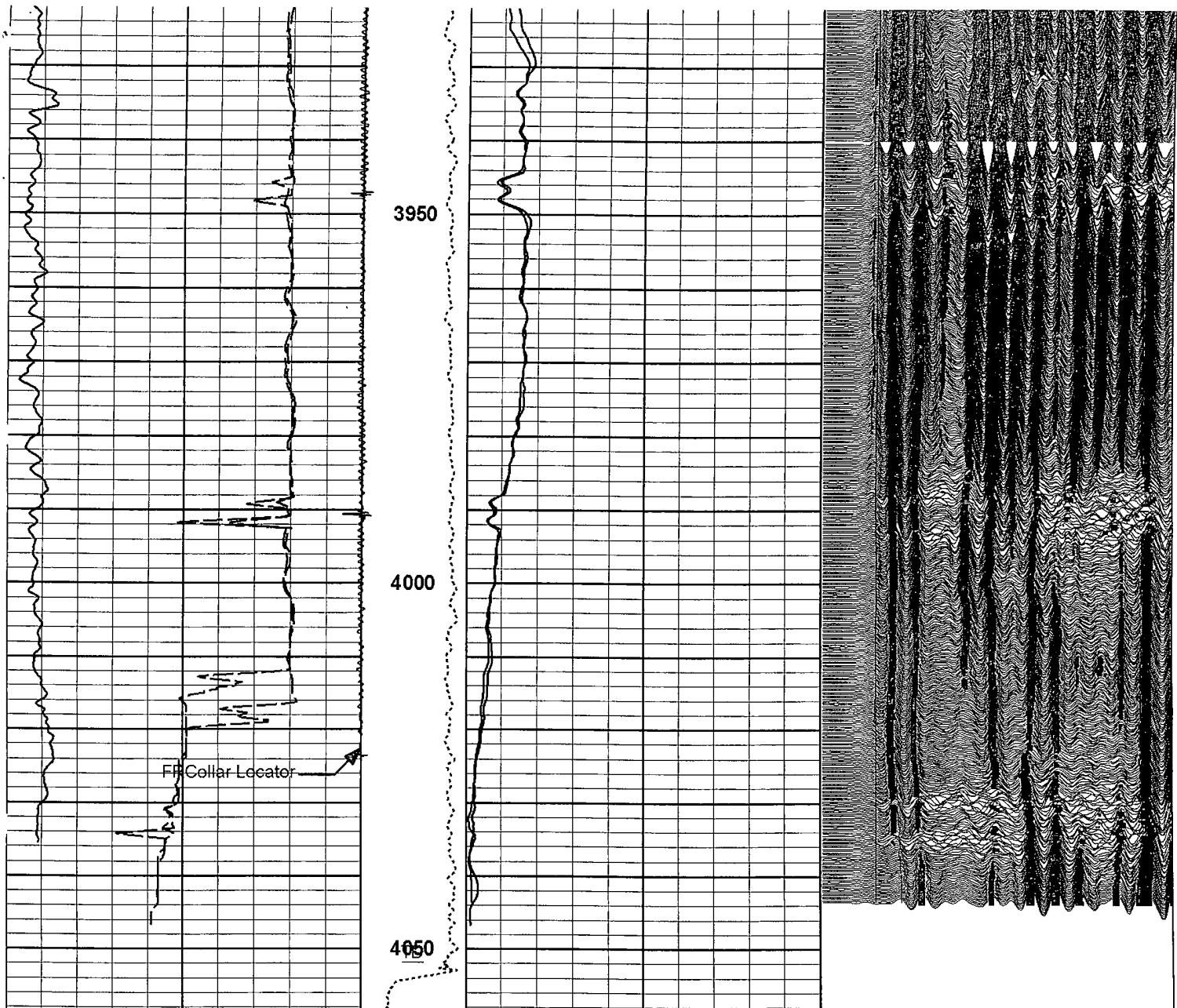


MGS Data Center

MGS Tr. North







-5	Collar Locator	0	1 : 240	0	Pipe Amplitude Tx1	100	200	Waveform MSG	1200
	volts				millivolts			microseconds	
400	Pipe TravelTime Tx1	200	2K Tens 3K	0	Pipe Amplitude	100	200	Waveform	1200
	microseconds		pounds		millivolts			microseconds	
0	Gamma API	150					200	MSG Gate Center	1 2K
	api							microseconds	
400	Pipe TravelTime	200					200	MSG TT Tracker	1.2K
	microseconds							microseconds	
 Minute Mark									

HALLIBURTON

Plot Time: 01-Dec-11 19:45:55
 Plot Range: 100 ft to 4058.42 ft
 Data: 1201_OXY\Well Based\DAQ-0001-005*
 Plot File: \\CBL\BSAT_CBL

MAIN PASS
 5IN = 100FT

HALLIBURTON

Plot Time: 01-Dec-11 19:45:56
Plot Range: 3750 ft to 4055.25 ft
Data: 1201_OXYWell Based\DAQ-0001-004*
Plot File: \\CBL\BSAT_CBL

REPEAT SECTION
5IN ≈ 100FT

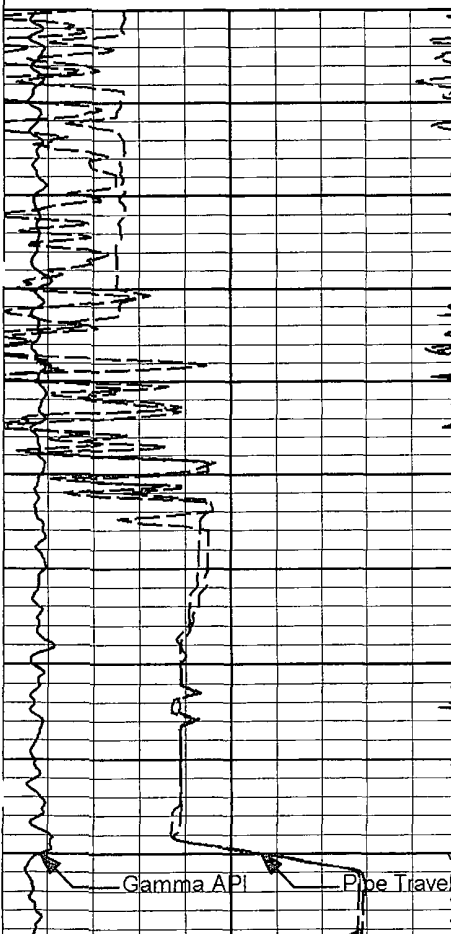
← Minute Mark

400 Pipe TravelTime 200
microseconds

0 Gamma API 150
api

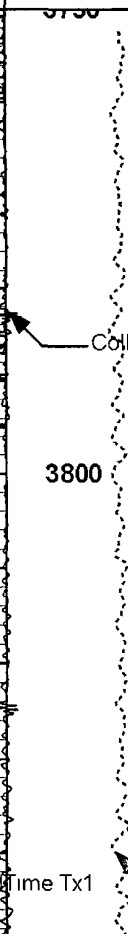
400 Pipe TravelTime Tx1 200
microseconds

-5 Collar Locator 0
volts



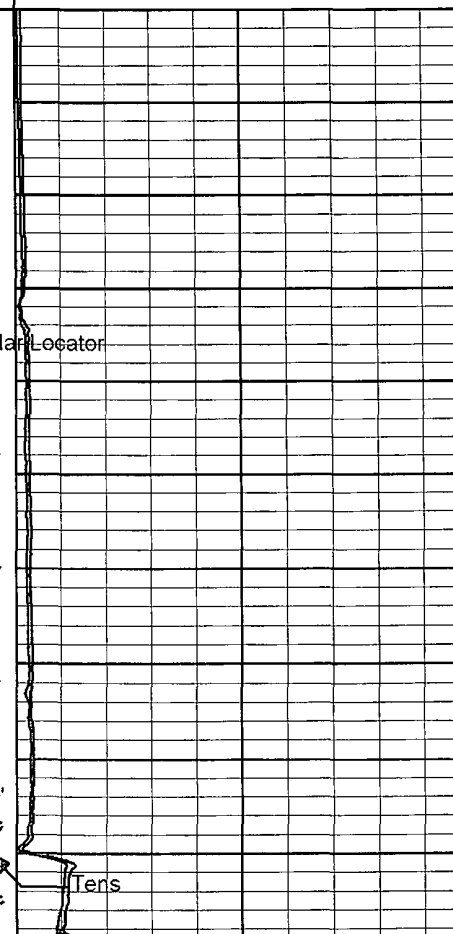
2K Tens 3K 0
pounds

1 : 240
millivolts



Pipe Amplitude 100
millivolts

Pipe Amplitude Tx1 100
millivolts

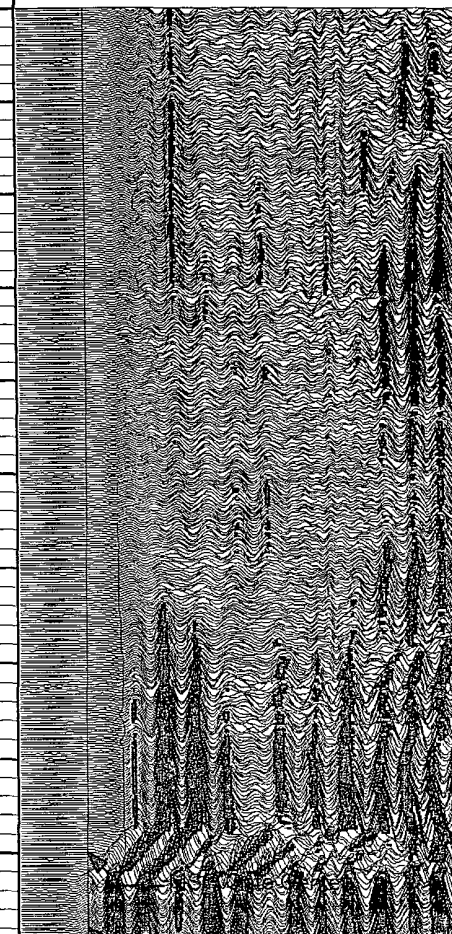


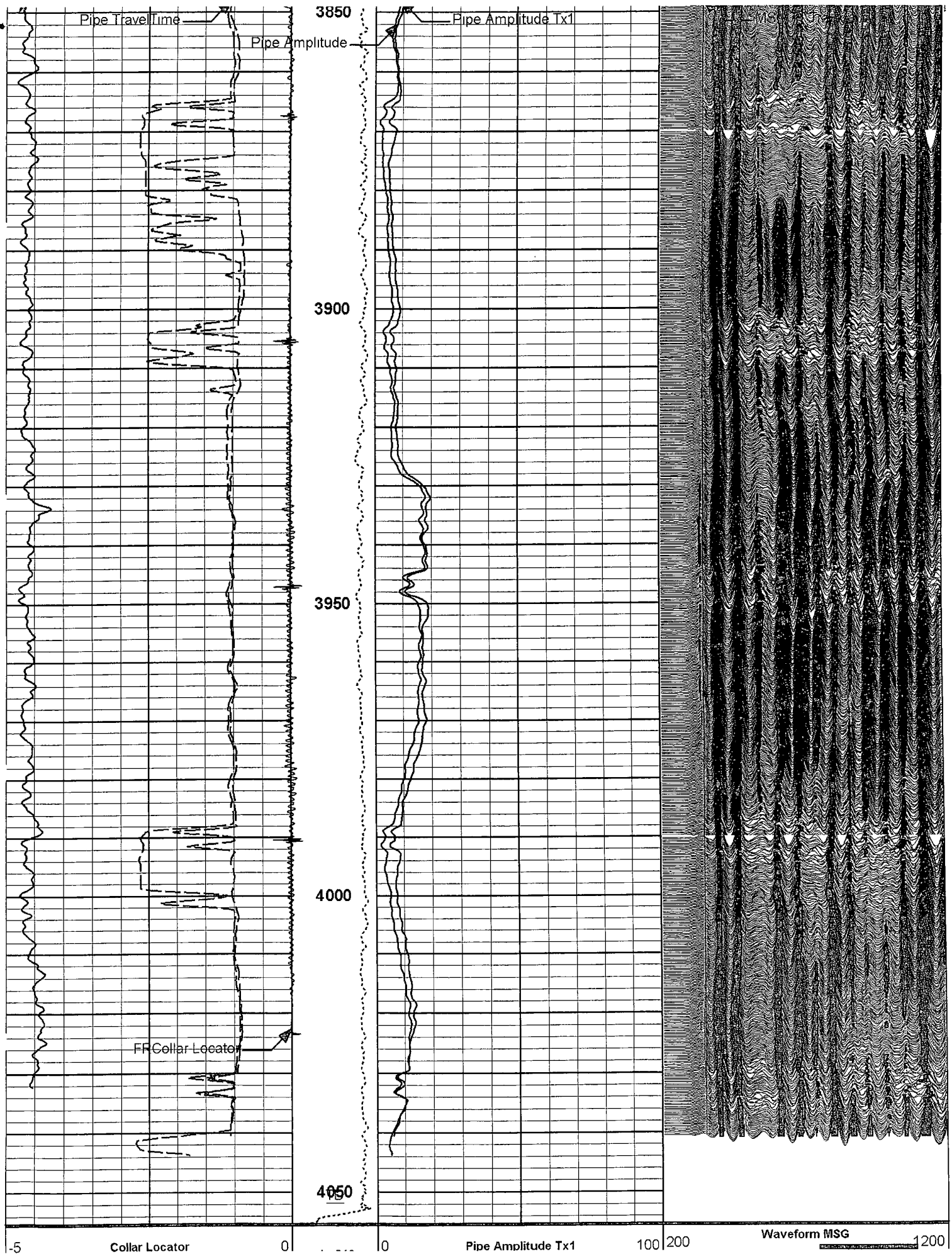
200 MSG TT Tracker 1 2K
microseconds

200 MSG Gate Center 1 2K
microseconds

200 Waveform 1200
microseconds

200 Waveform MSG 1200
microseconds





volts			1 : 240		millivolts		microseconds	
400	Pipe TravelTime Tx1	200	2K Tens 3K	0	Pipe Amplitude	100	200	Waveform 1200
microseconds			pounds		millivolts		microseconds	
0	Gamma API	150					200	MSG Gate Center 1 2K
api		microseconds						
400	Pipe TravelTime	200					200	MSG TT Tracker 1.2K
microseconds		microseconds						
 Minute Mark								

HALLIBURTON

Plot Time: 01-Dec-11 19:45:59
Plot Range: 3750 ft to 4055.25 ft
Data: 1201_OXYWell Based\DAQ-0001-004\
Plot File: \\CBL\BSAT_CBL

REPEAT SECTION
5IN = 100FT

HALLIBURTON

CALIBRATION REPORT

NATURAL GAMMA RAY TOOL SHOP CALIBRATION

Tool Name: GTET - 10951380BLUE

Reference Calibration Date: 02-Nov-11 12:22:14

Engineer: REX COOK

Calibration Date: 01-Dec-11 12:30:32

Software Version: WL INSITE R3.4.0 (Build 4)

Calibration Version: 1

Calibrator Source S/N. 10770395

Calibrator API Reference: 242.00 api

Equivalent Calibrator API Reference: 246.2 api

Measurement	Measured	Calibrated	Units
Background	34.9	36.4	api
Background + Calibrator	271.3	282.7	api
Calibrator	236.4	246.2	api

NATURAL GAMMA RAY TOOL FIELD CALIBRATION

Tool Name: GTET - 10951380BLUE

Reference Calibration Date: 01-Dec-11 12:30:32

Engineer: REX COOK

Calibration Date: 01-Dec-11 12:38:09

Software Version: WL INSITE R3.4.0 (Build 4)

Calibration Version: 1

Calibrator Source S/N. 10770395

Calibrator API Reference: 242.00 api

Equivalent Calibrator API Reference: 246.2 api

Field Verification	Shop	Field	Units
Background	36.4	35.7	api
Background + Calibrator	282.7	288.2	api
Calibrator	246.2	252.5	api

Shop

246.2

Field

252.5

Difference

-6.3

Tolerance

+/- 9.00

CBL-BSAT SHOP CALIBRATION

Tool Name: CBL-BSAT - HOBBS1

Reference Calibration Date: 30-Nov-10 08:21:30

Engineer: REX COOK

Calibration Date: 01-Dec-11 18:01:01

Software Version: WL INSITE R3.4.0 (Build 4)

Calibration Version: 1

Calibration Type: Well @ 444.29 ft

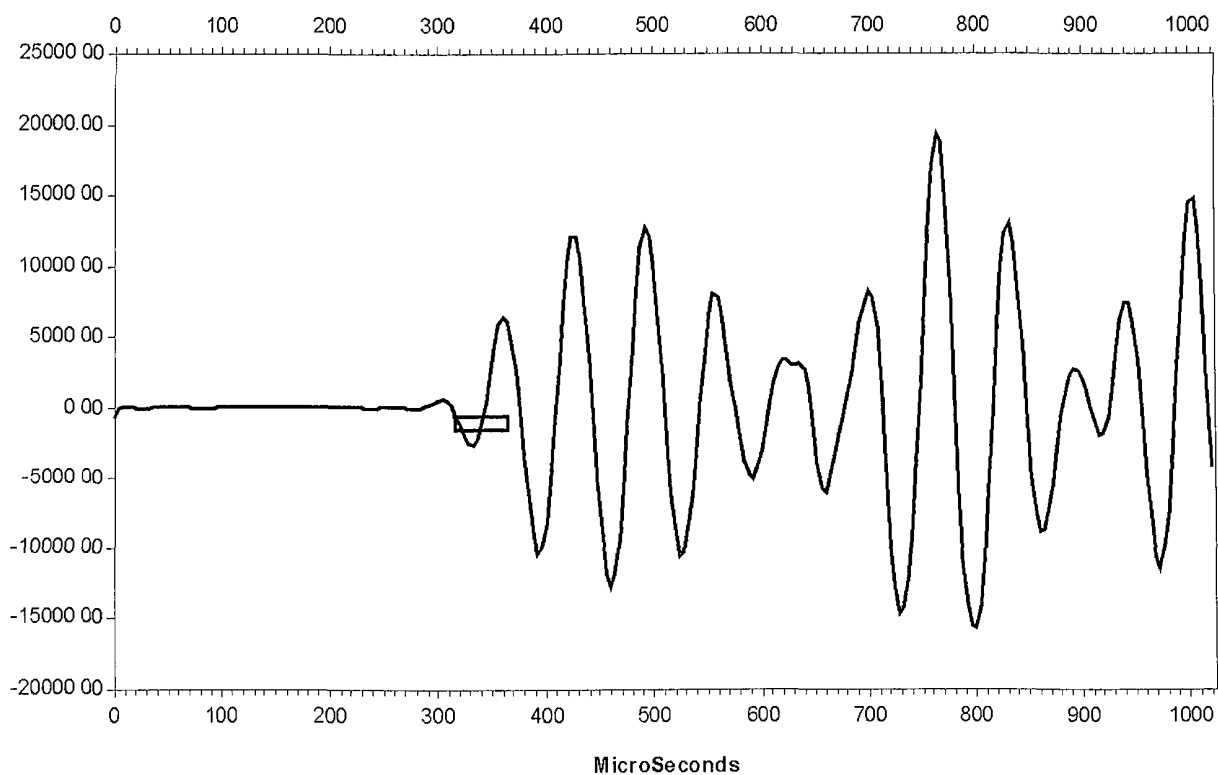
Calibration Depth: 444.29 ft

Casing Weight: 24.00 lbf

Casing OD: 8.625 in

Sensor	Measured	Calibrated	Difference	Units
Amplitude Tx1	29.90	54.80	24.90	mV
Amplitude Tx2	29.70	54.80	24.90	mV
Pipe Reference TT	----	263.00	----	us

Sensor	Raw Value	Units
Amplitude Tx1	6,388.30	mV
Amplitude Tx2	7,058.00	mV
Pipe TT from Tx1	361.00	us
Pipe TT from Tx2	358.00	us

Calibration - CBL Waveform**CBL-BSAT FIELD CALIBRATION**

Tool Name: CBL-BSAT - HOBBS1

Reference Calibration Date: 01-Dec-11 18:01:01

Engineer: REX COOK

Calibration Date: 01-Dec-11 18:01:35

Software Version: WL INSITE R3.4.0 (Build 4)

Calibration Version: 1

Calibration Type: Well @ 444.29 ft

Calibration Depth: 444.29 ft

Casing Weight: 24.00 lbf

Casing OD: 8.625 in

Sensor	Measured	Calibrated	Difference	Tolerance	Units	Pass/Fail
Amplitude Tx1	54.90	54.80	-0.10	+/- 5.00	mV	Passed
Amplitude Tx2	55.00	54.80	-0.10	+/- 5.0	mV	Passed
Sensor	Raw Value		Units			
Amplitude Tx1	6,394.30		mV			
Amplitude Tx2	7,088.30		mV			
Pipe TT from Tx1	361.00		us			
Pipe TT from Tx2	358.00		us			

CALIBRATION SUMMARY

Sensor	Shop	Field	Post	Difference	Tolerance	Units
GTET-10951380BLUE						
Gamma Ray Calibrator	246.2	252.5	-----	-6.3	+/- 9.00	api

Data: 1201_OXY0001 LCCH_CCL_GTET_BSAT-CBL_CENT003 01-Dec-11 18:01 Dn @415.5f

Date: 01-Dec-11 18:05:50

HALLIBURTON

CUSTOMER EVENT LOG

Event Type	Time & Date	Depth (ft)	Event Description
	01-Dec-11 17:36:50	10.00	Logging 001 01-Dec-11 17:36 Dn @10.0f
	01-Dec-11 17:48:00	2012.96	Halting 001 01-Dec-11 17:36 Dn @10.0f
	01-Dec-11 17:51:39	1639.50	Logging 002 01-Dec-11 17:51 Up @1639.5f
	01-Dec-11 17:59:45	448.56	Halting 002 01-Dec-11 17:51 Up @1639.5f
	01-Dec-11 18:01:46	415.50	Logging 003 01-Dec-11 18:01 Dn @415.5f

Data: 1201_OXY0001 LCCH_CCL_GTET_BSAT-CBL_CENT1HW11110

Date: 01-Dec-11 18:06:16

HALLIBURTON

PARAMETERS REPORT

Depth ((ft))	Tool Name	Mnemonic	Description	Value	Units
TOP					
	SHARED	BS	Bit Size	7.875	in
	SHARED	UBS	Use Bit Size instead of Caliper for all applications	Yes	
	SHARED	MDBS	Mud Base	Water	
	SHARED	MDWT	Borehole Fluid Weight	8.400	ppg
	SHARED	WAGT	Weighting Agent	Natural	
	SHARED	BSAL	Borehole salinity	0.00	ppm
	SHARED	FSAL	Formation Salinity NaCl	0.00	ppm
	SHARED	KPCT	Percent K in Mud by Weight?	0.00	%
	SHARED	RMUD	Mud Resistivity	2.000	ohmm
	SHARED	TRM	Temperature of Mud	75.0	degF
	SHARED	CSD	Logging Interval is Cased?	Yes	
	SHARED	CSOD	Inner Casing OD size	8.625	in
	SHARED	CSWT	Casing Weight	24.00	lbpf
	SHARED	ISOC	Is Outer Casing Present?	No	

SHARED	ISOC	Is Outer Casing Present?	NO	
SHARED	CSCM	Casing Cemented	Yes	
SHARED	CMWT	Cement Weight	16.500	ppg
SHARED	ST	Surface Temperature	75.0	degF
SHARED	TD	Total Well Depth	4000.00	ft
SHARED	BHT	Bottom Hole Temperature	101.0	degF
SHARED	SVTM	Navigation and Survey Master Tool	NONE	
SHARED	AZTM	High Res Z Accelerometer Master Tool	GTET	
SHARED	TEMM	Temperature Master Tool	NONE	
SHARED	BHSM	Borehole Size Master Tool	NONE	
Rwa / CrossPlot	XPOK	Process Crossplot?	Yes	
Rwa / CrossPlot	FCHO	Select Source of F	Automatic	
Rwa / CrossPlot	AFAC	Archie A factor	0.6200	
Rwa / CrossPlot	MFAC	Archie M factor	2.1500	
Rwa / CrossPlot	RMFR	Rmf Reference	0.10	ohmm
Rwa / CrossPlot	TMFR	Rmf Ref Temp	75.00	degF
Rwa / CrossPlot	RWA	Resistivity of Formation Water	0.05	ohmm
Rwa / CrossPlot	ADP	Use Air Porosity to calculate CrossplotPhi	No	
CCL-D	CLOK	Process CCL?	Yes	
CCL-D	CCLS	CCL Processing Selection	Raw	
GTET	GROK	Process Gamma Ray?	Yes	
GTET	GRSO	Gamma Tool Standoff	0.000	in
GTET	GEOK	Process Gamma Ray EVR?	No	
GTET	TPOS	Tool Position for Gamma Ray Tools	Eccentered	
CBL-BSAT	TTLV	Travel Time threshold.	5.0	mV
CBL-BSAT	TTOF	CBL Travel Time Offset from Calibration	0	us
CBL-BSAT	ISFM	Is foam cement type?	No	
CBL-BSAT	CSTR	Compressive Strength	1000.00	psia
CBL-BSAT	BIOK	Calculate Bond Index?	Yes	
CBL-BSAT	ISMD	Is borehole fluid Mud?	No	

BOTTOM

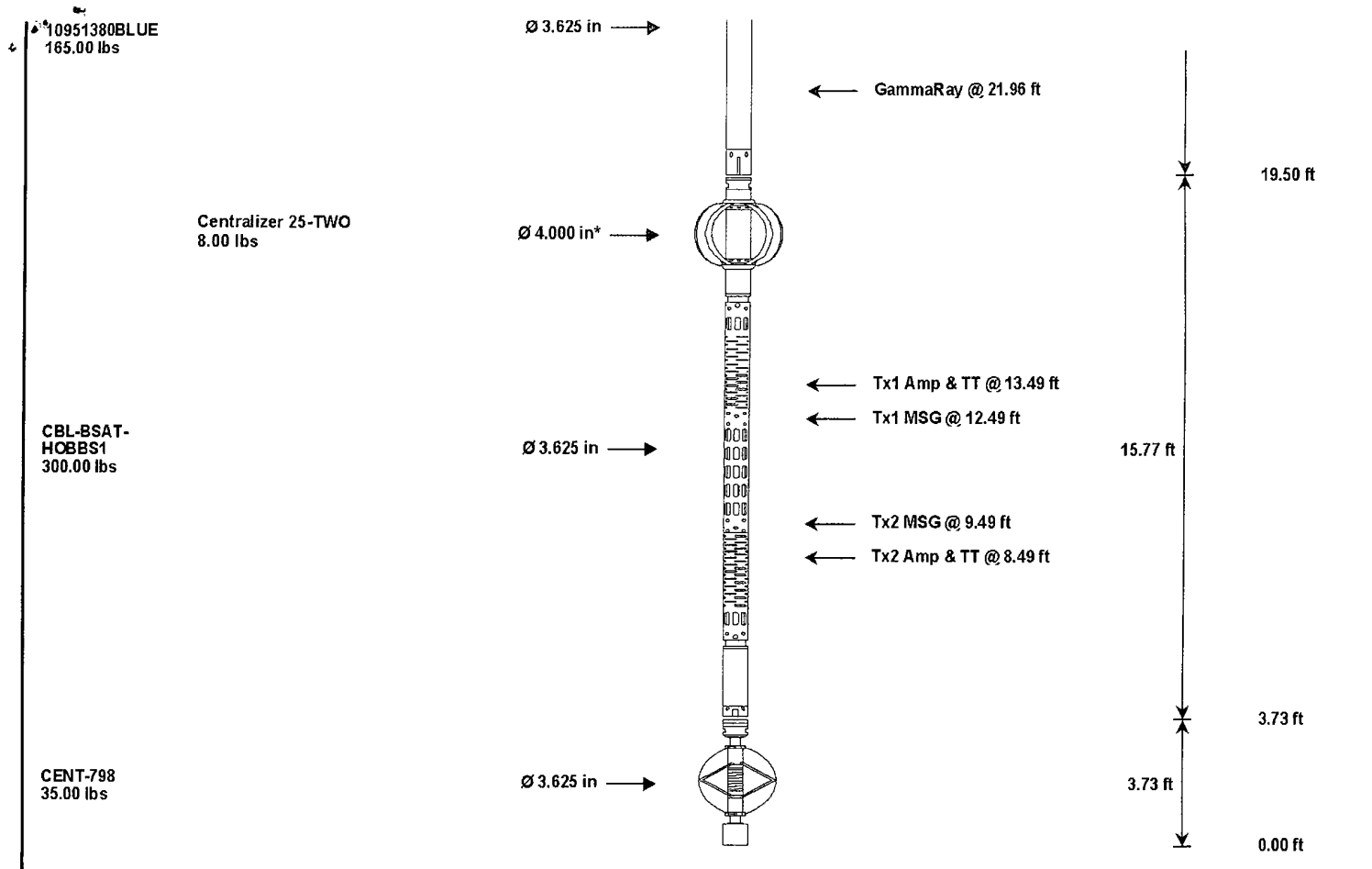
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Date: 01-Dec-11 18:05:23

HALLIBURTON

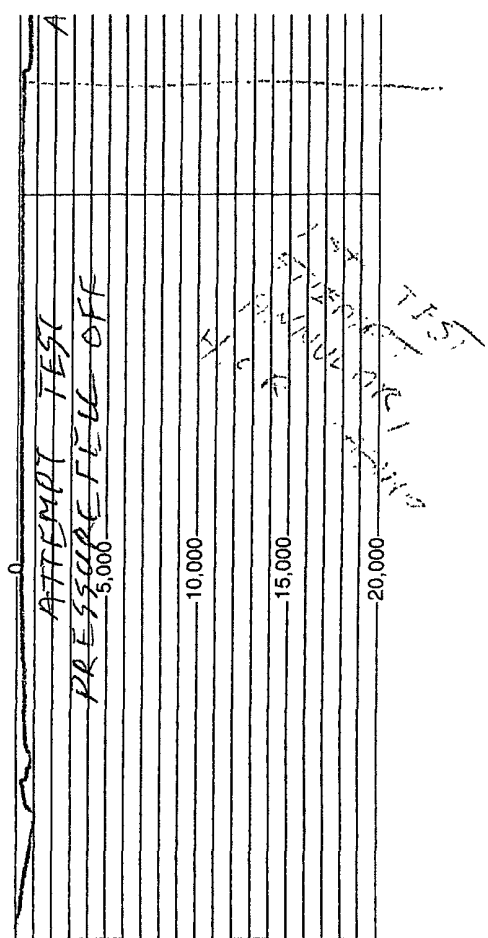
TOOL STRING DIAGRAM REPORT

Description	Overbody Description	O.D.	Diagram	Sensors @ Delays	Length	Accumulated Length
Cable Head Tension-831 30.00 lbs		Ø 3.625 in →		← Load Cell @ 31.03 ft	2.00 ft	32.03 ft
CCL-D-CCLD 60.00 lbs		Ø 3.625 in →		← CCL @ 29.32 ft	2.00 ft	30.03 ft
						28.03 ft
GTET-						



Mnemonic	Tool Name	Serial Number	Weight (lbs)	Length (ft)	Accumulated Length (ft)	Max. Log. Speed (fpm)
CHT	Cable Head with Load Cell	831	30.00	2.00	30.03	300.00
CCL	Casing Collar Locator - Digital Source	CCLD	60.00	2.00	28.03	300.00
GTET	Gamma Telemetry Tool	10951380BLUE	165.00	8.52	19.50	60.00
CBL-BSAT	Borehole Sonic Array Tool - CBL	HOBBS1	300.00	15.77	3.73	60.00
OBCEN	Centralizer - 25 in Overbody	TWO	8.00	2.08	16.77	300.00
CENT	Bottom Centralizer	798	35.00	3.73	0.00	300.00
Total			598.00	32.03		
* Not included in Total Length and Length Accumulation						
Data: 1201_OXY0001 LCCH_CCL_GTET_BSAT-CBL_CENTIDLE						Date: 01-Dec-11 17:33:42

COMPANY	OXY USA INC		
WELL	PURE GOLD B FEDERAL No. 13		
FIELD	SAND DUNES DELAWARE, WEST		
COUNTY	EDDY	STATE	NEW MEXICO
HALLIBURTON		CEMENT BOND LOG	



**Read Up
For Hydrostatic Testing
Max. 20,000 P.S.I.**

Made in U.S.A.

Starting Time 11:10 345 Chart No. 1
Service Co. OXY
Company 24 121/11
State PURE GOLD Date 1-13
Lease 24 1/2 Well No. 1-13
Pipe Size 11" 5,000 Wt. _____
Well Head Type & Size 24
Type Plug 24 1/2
Operator 160
Unit No. _____
Test _____