

SECTOR BOND TOOL

PROVINCE NORTHWEST TERRITORIES		COMPANY PARAMOUNT RESOURCES LTD.	
FIELD CAMERON HILLS		WELL PARA ET AL CAMERON E-72	
WELL PARA ET AL CAMERON E-72		WELL PARA ET AL CAMERON E-72	
FIELD CAMERON HILLS		FIELD CAMERON HILLS	
PROVINCE NORTHWEST TERRITORIES		PROVINCE NORTHWEST TERRITORIES	
DATE MARCH 24, 2007		Other Services:	
Service Order 10179339		LSD Sec. Twp. Rge. Elev. 729.00	
Run No. ONE		Perm. Datum Ground Level Log measured from K.B. , 5.40 m above Permanent Datum.	
BHT N/A °C		UWI 300/E-72-60-10-117-15/00	
Depth-Driller 1408.0		Licence N/A	
Depth-Logger 1398.7		ELEV. K.B. 734.40 G.L. 729.00	
Btm. Log Inter. 1396.7			
Top Log Inter. 1100.0			
Fluid in Hole kcl WATER			
Fluid Level FULL			
Bit Size (mm) 200.0			
Unit # 14159			
Location RED DEER			
Recorded By DANNY DEIBERT			
Witnessed By KIM MCLEOD			
Other Services			
Service		Size	
Bridge Plug		Depth	
Produc. Packer			
Cement Retainer			
Cement			
Tubing Bottom			
Seating Nipple			

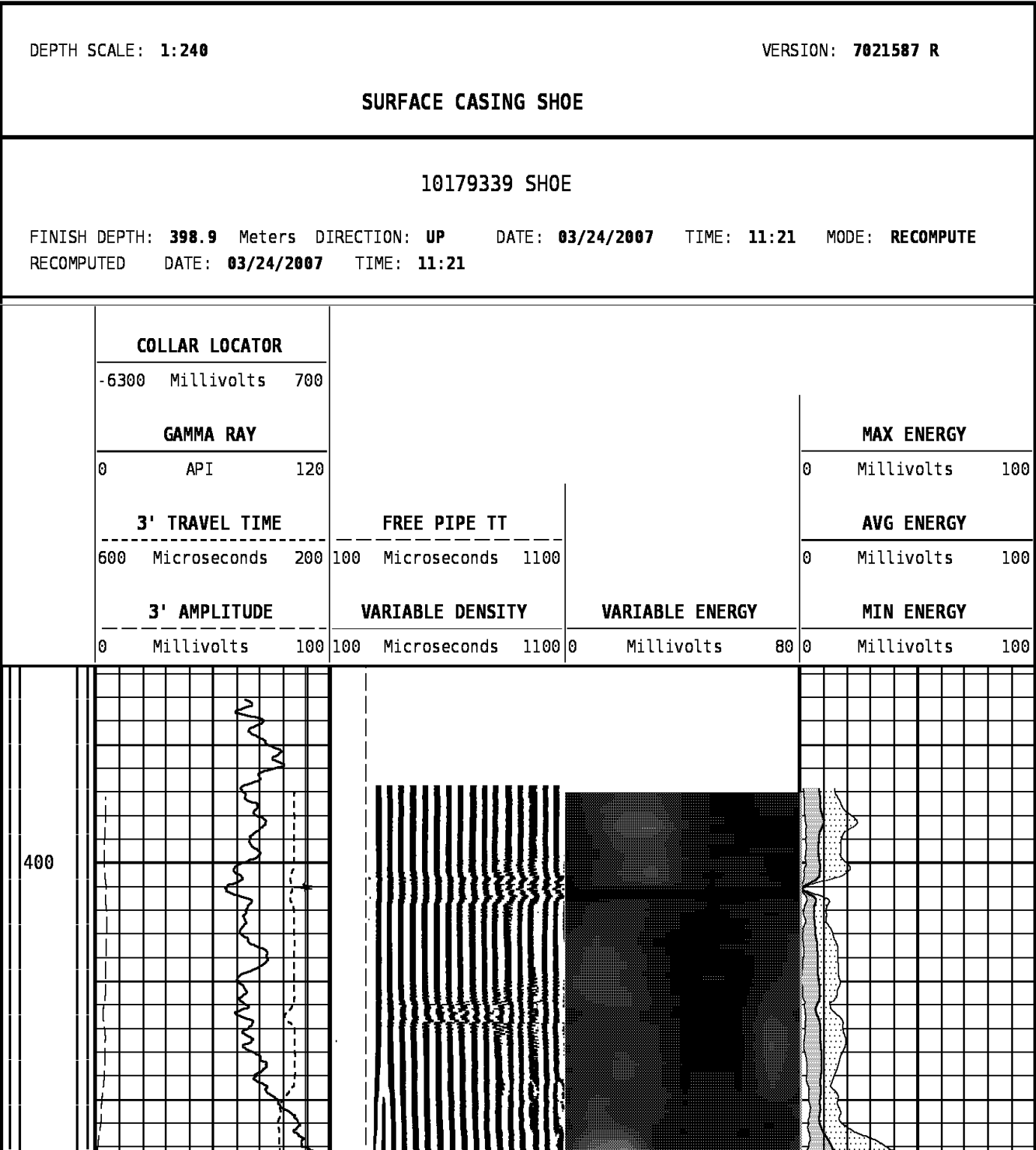
All interpretations of log data are opinions based on inferences from electrical or other measurements. We do not guarantee the accuracy or correctness of any interpretation or recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone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

REMARKS Rig: CONCORD Service Order # 10179339
LOG CORRELATED TO WEATHERFORD PHOTO DENSITY DUAL SPACED NEUTRON LOG DATED MARCH 2, 2007.

SURFACE CASING: CEMENTED W/ 32 TONNES 'G' + ADDITIVES. 5m3 CONTAMINATED CEMENT RETURNS TO SURFACE.

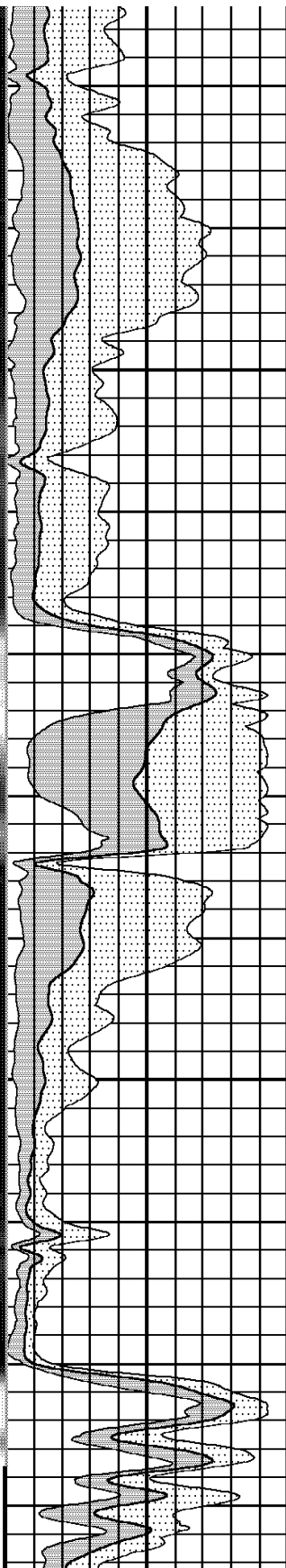
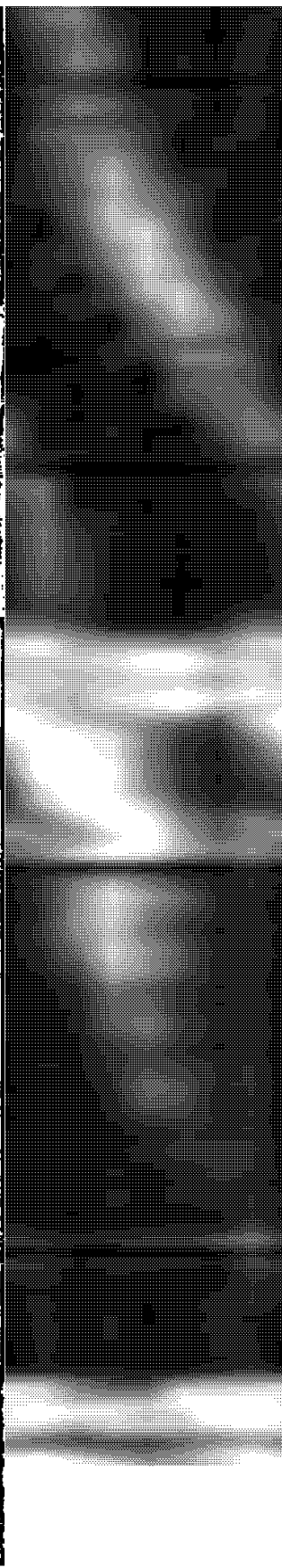
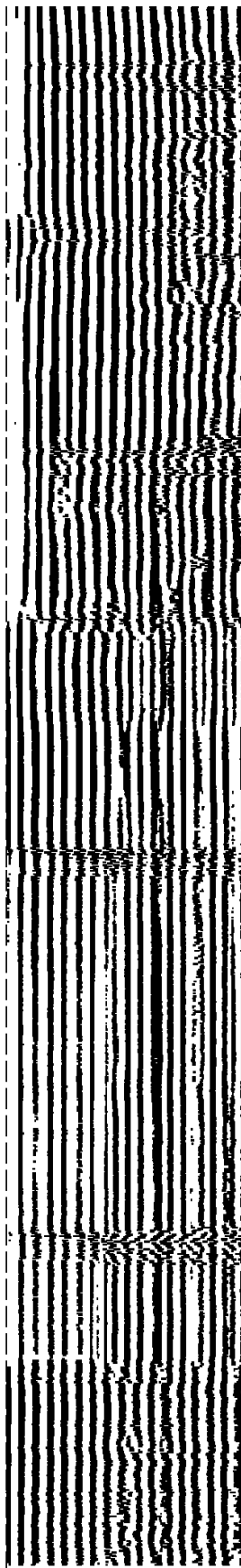
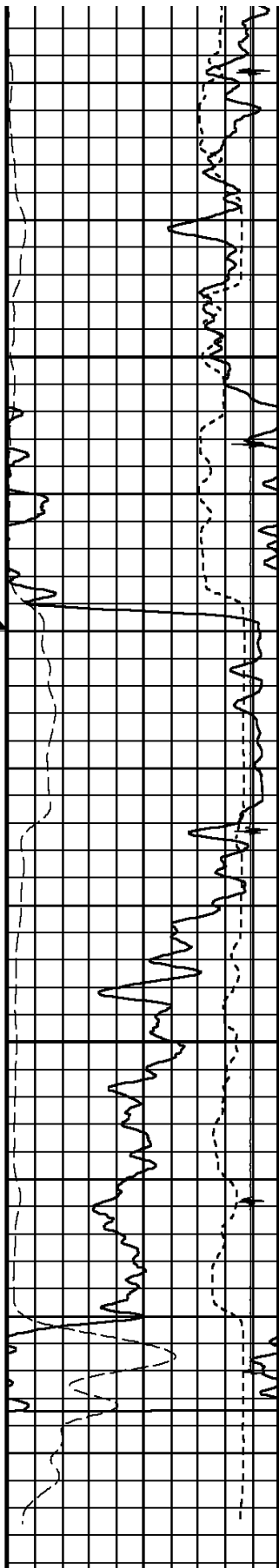
PRODUCTION CASING: CEMENTED W/ 22 TONNES THIX LITE + ADDITIVES AND 11 TONNES EXPANDO + ADDITIVES. 2.2m3 CEMENT RETURNS TO SURFACE.

EQUIPMENT DATA			
Run No.	Tool Type	Tool No.	Other
ONE	GRB	130	
	CTB	130	
	SBTA	169	



425

450



3' AMPLITUDE

VARIABLE DENSITY

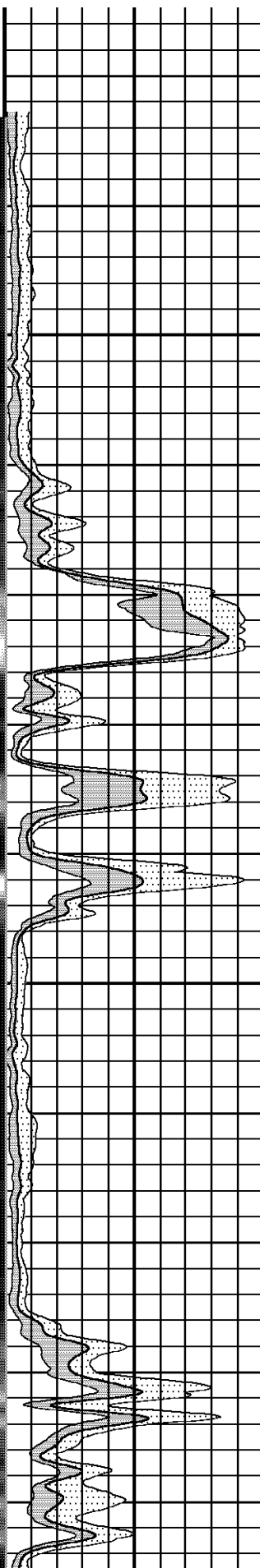
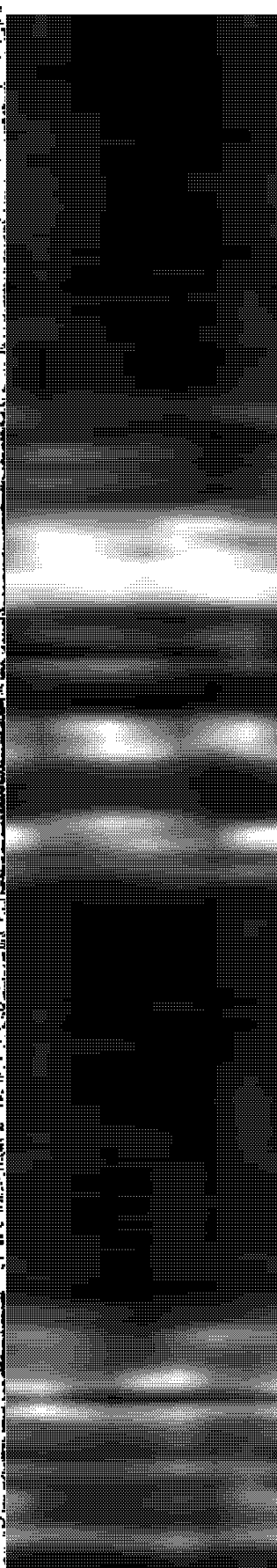
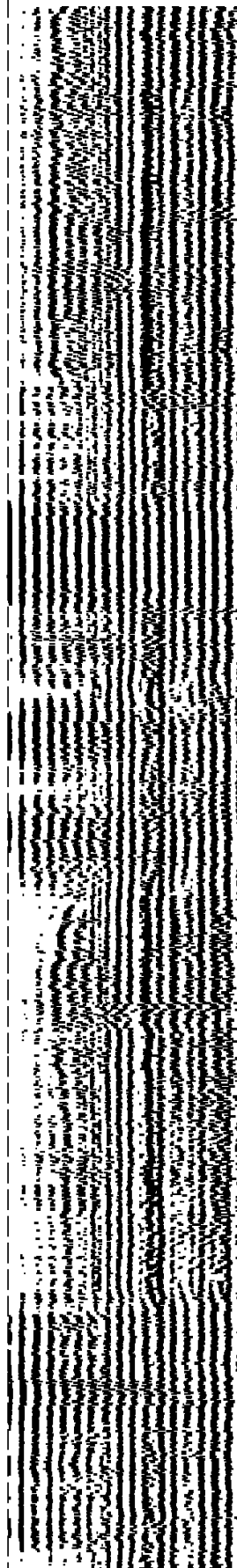
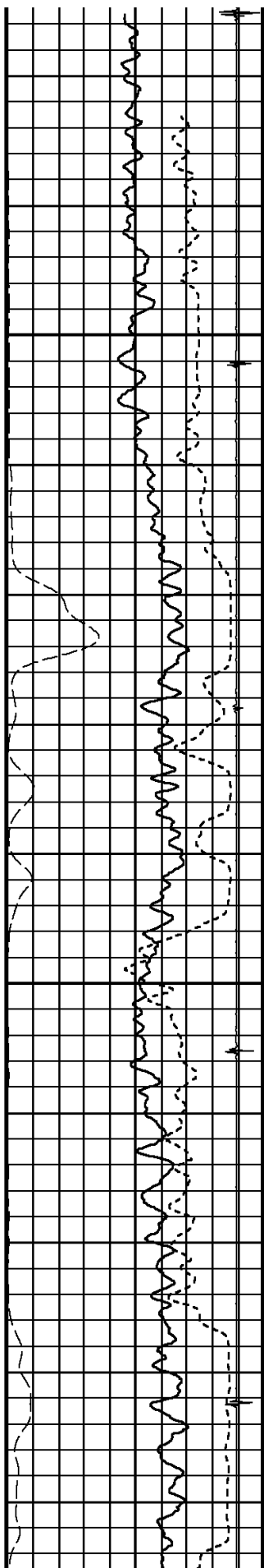
VARIABLE ENERGY

MIN ENERGY

0 Millivolts 100 100 Microseconds 1100 0 Millivolts 50 0 Millivolts 100

1100

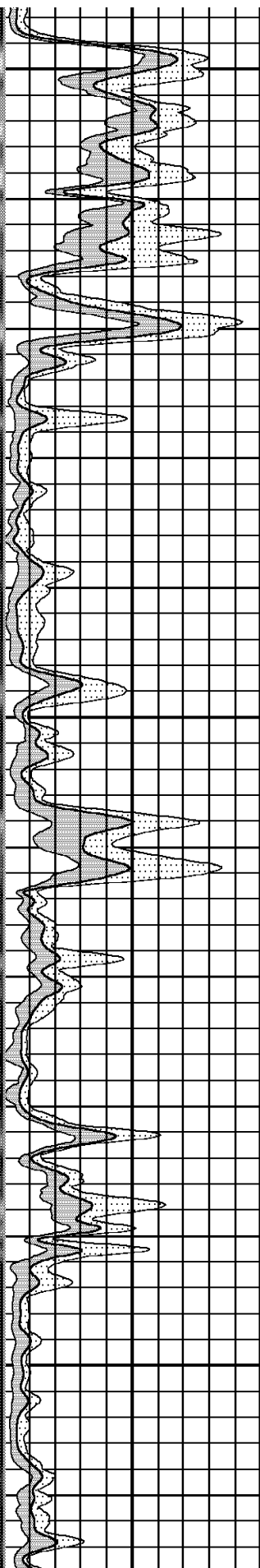
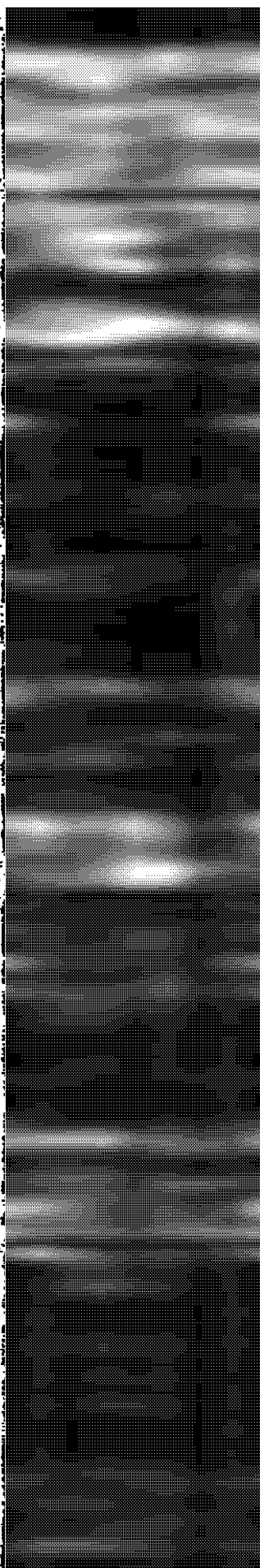
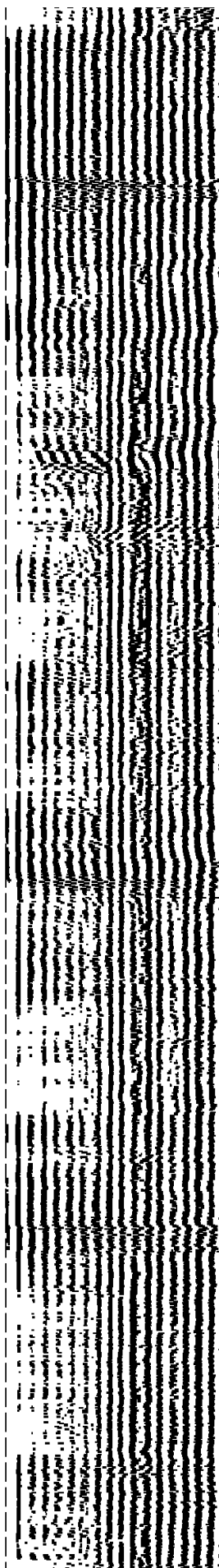
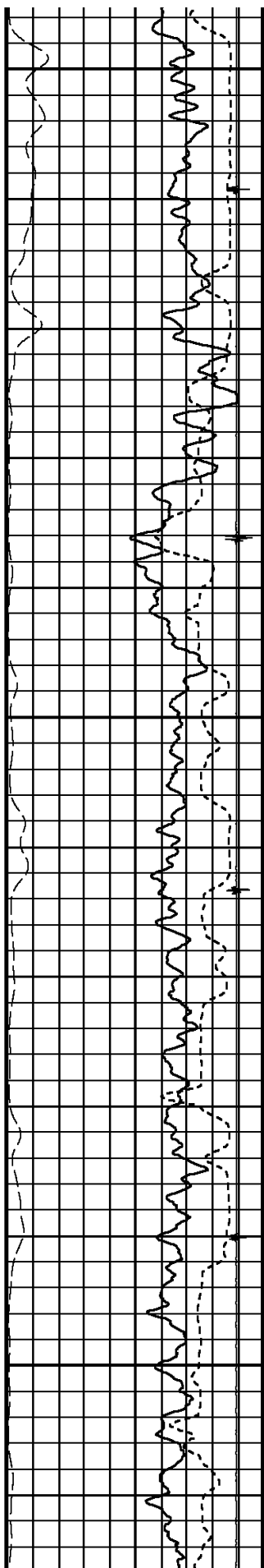
1125



1150

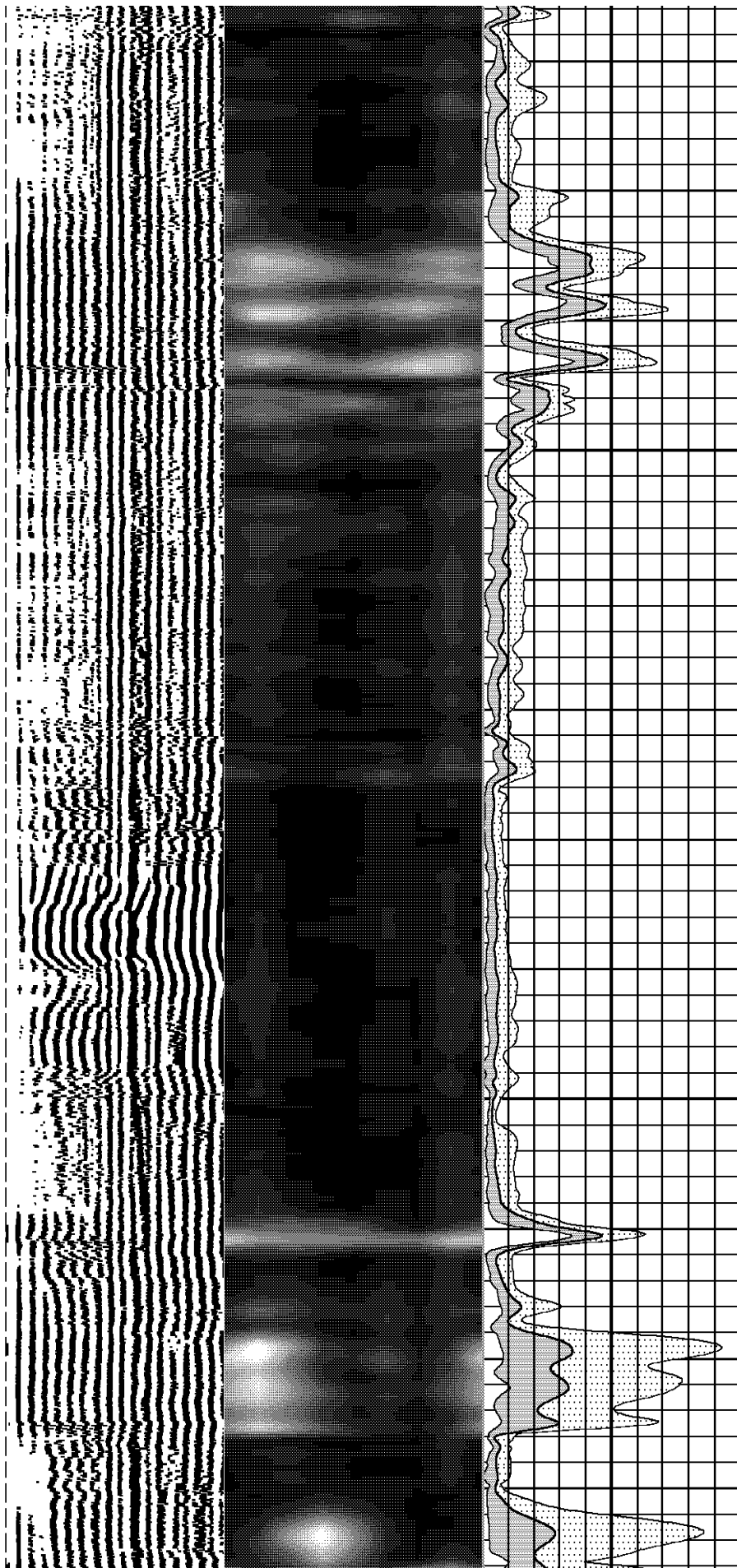
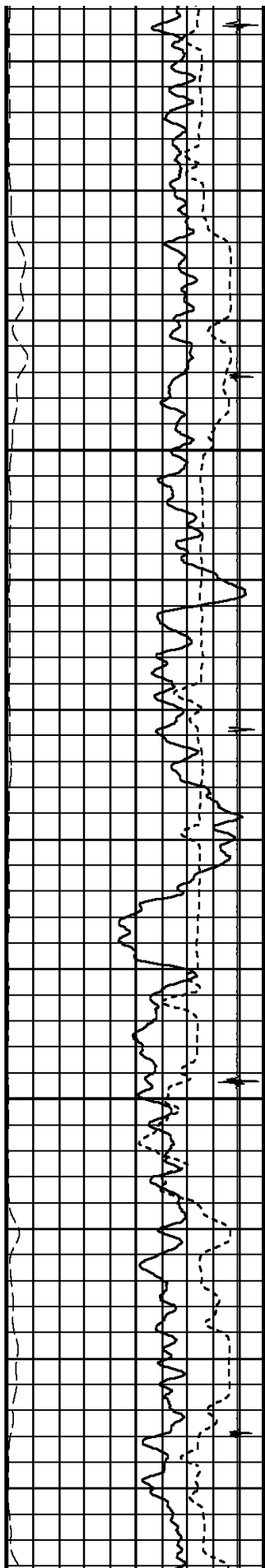
1175

1200



1225

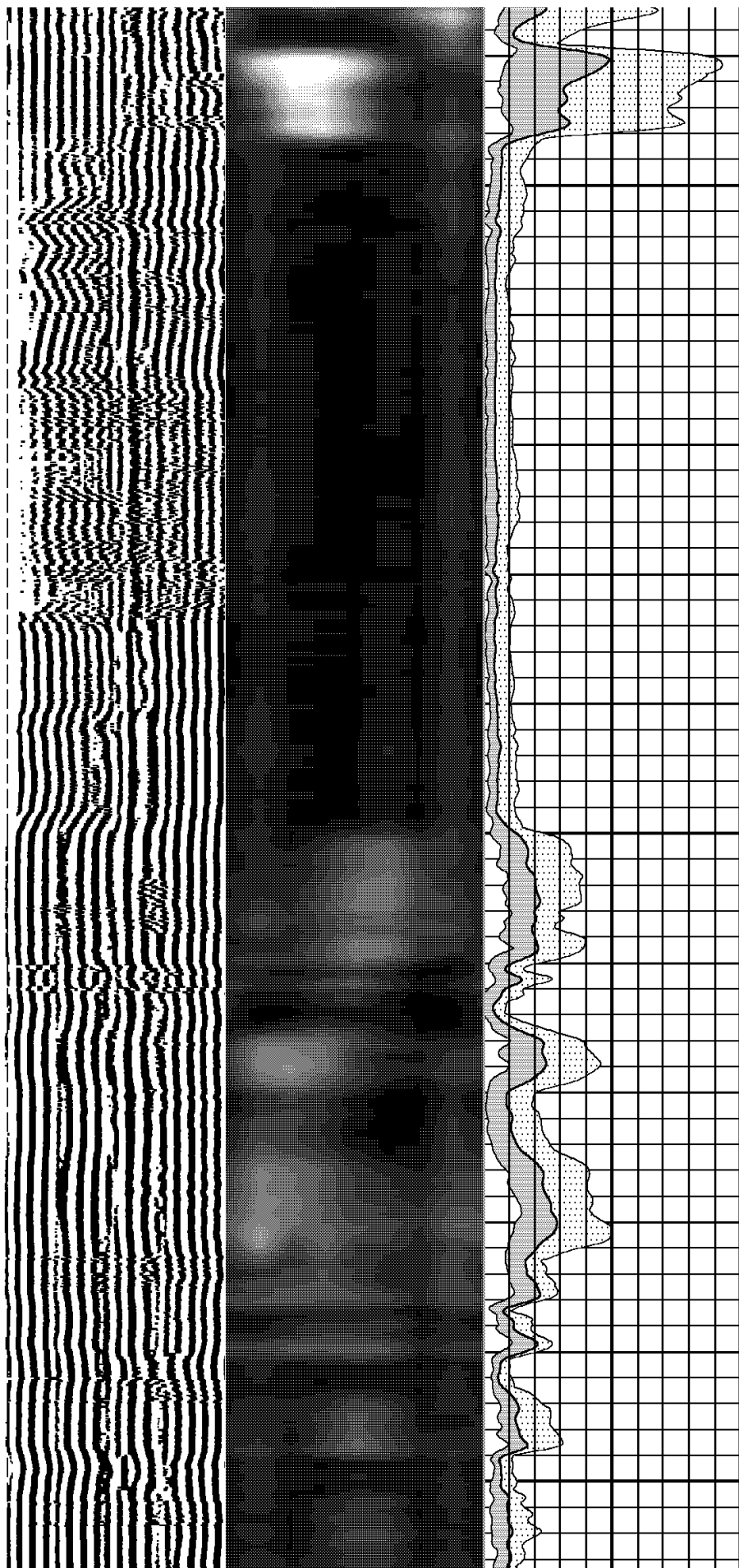
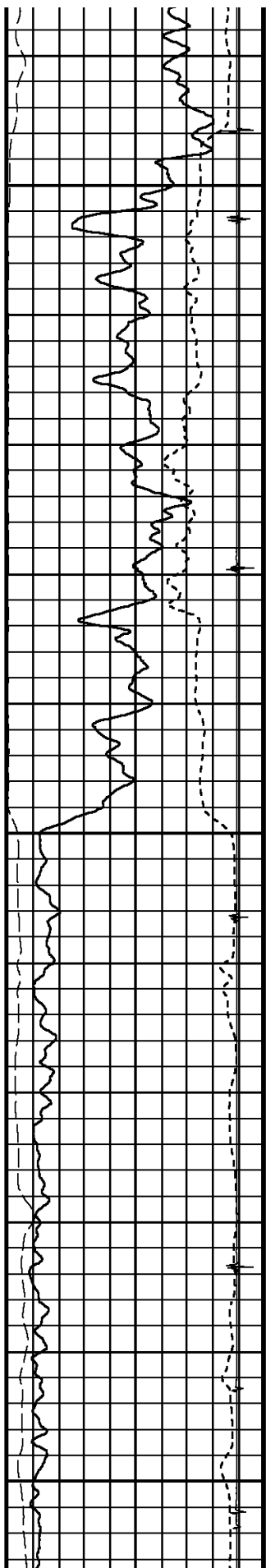
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1275

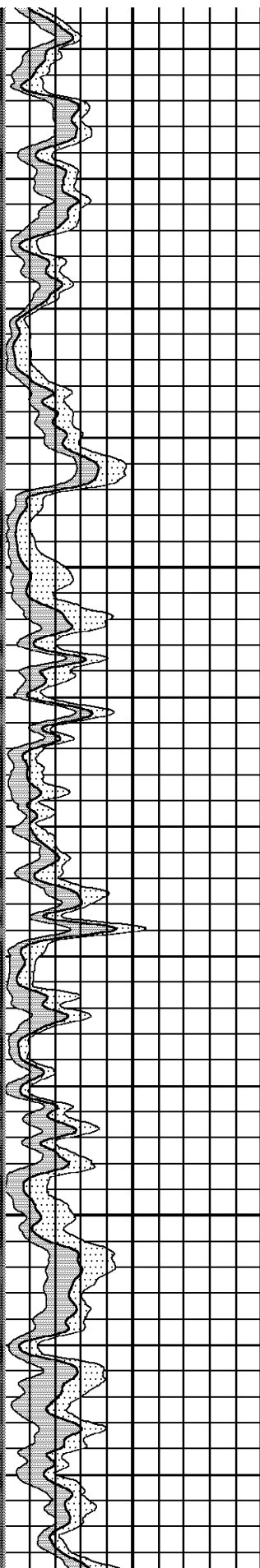
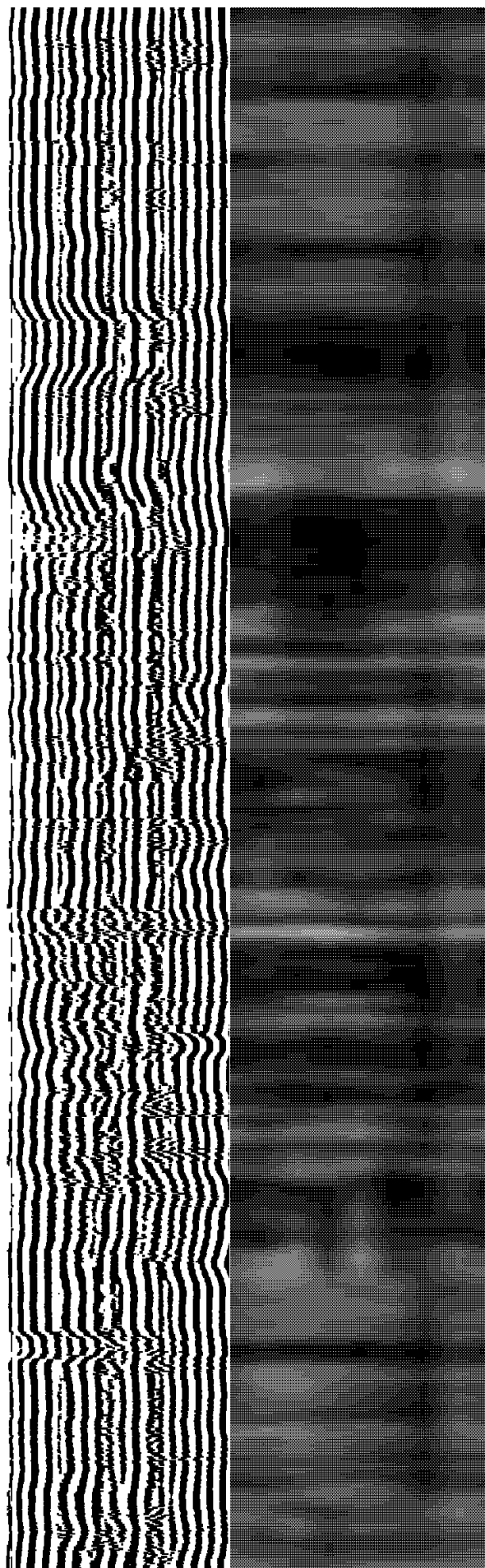
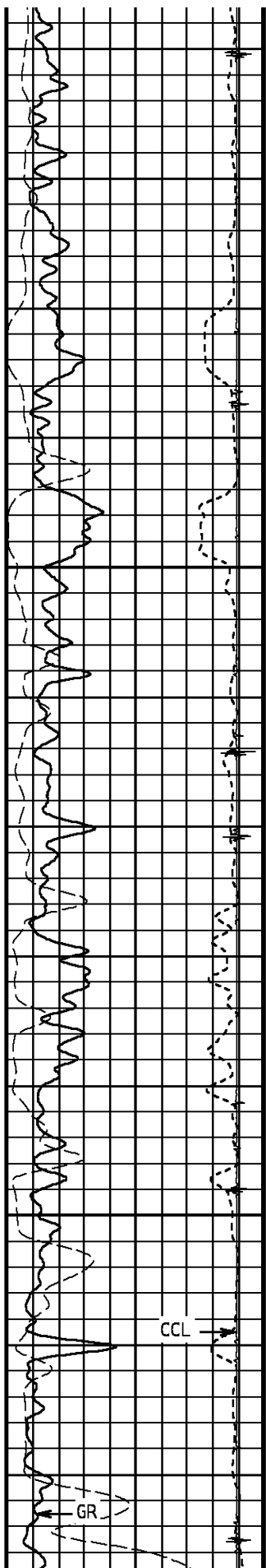
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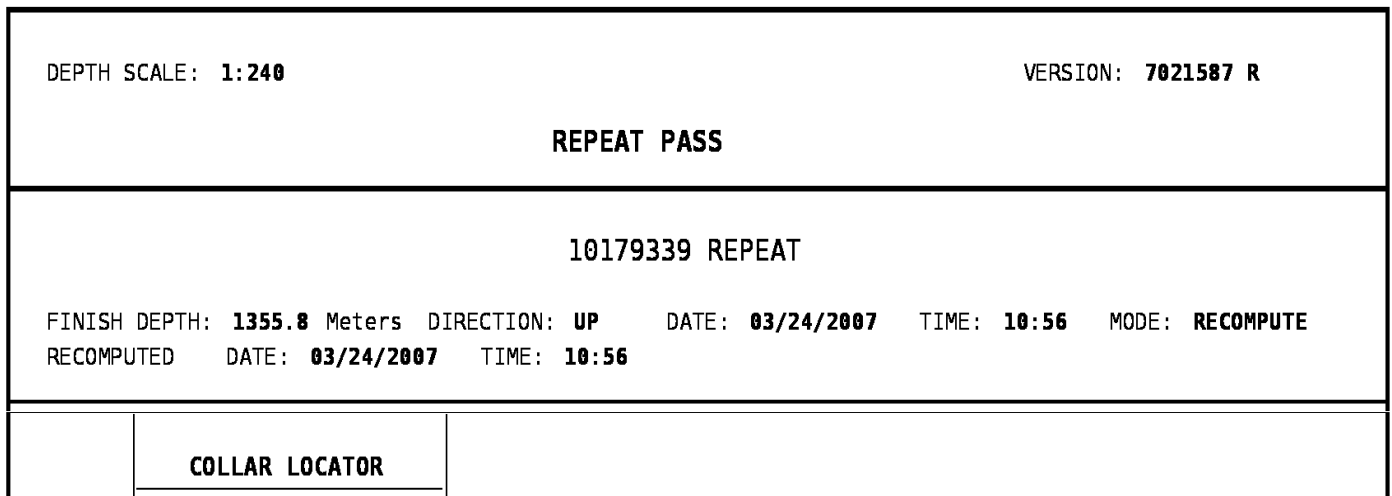
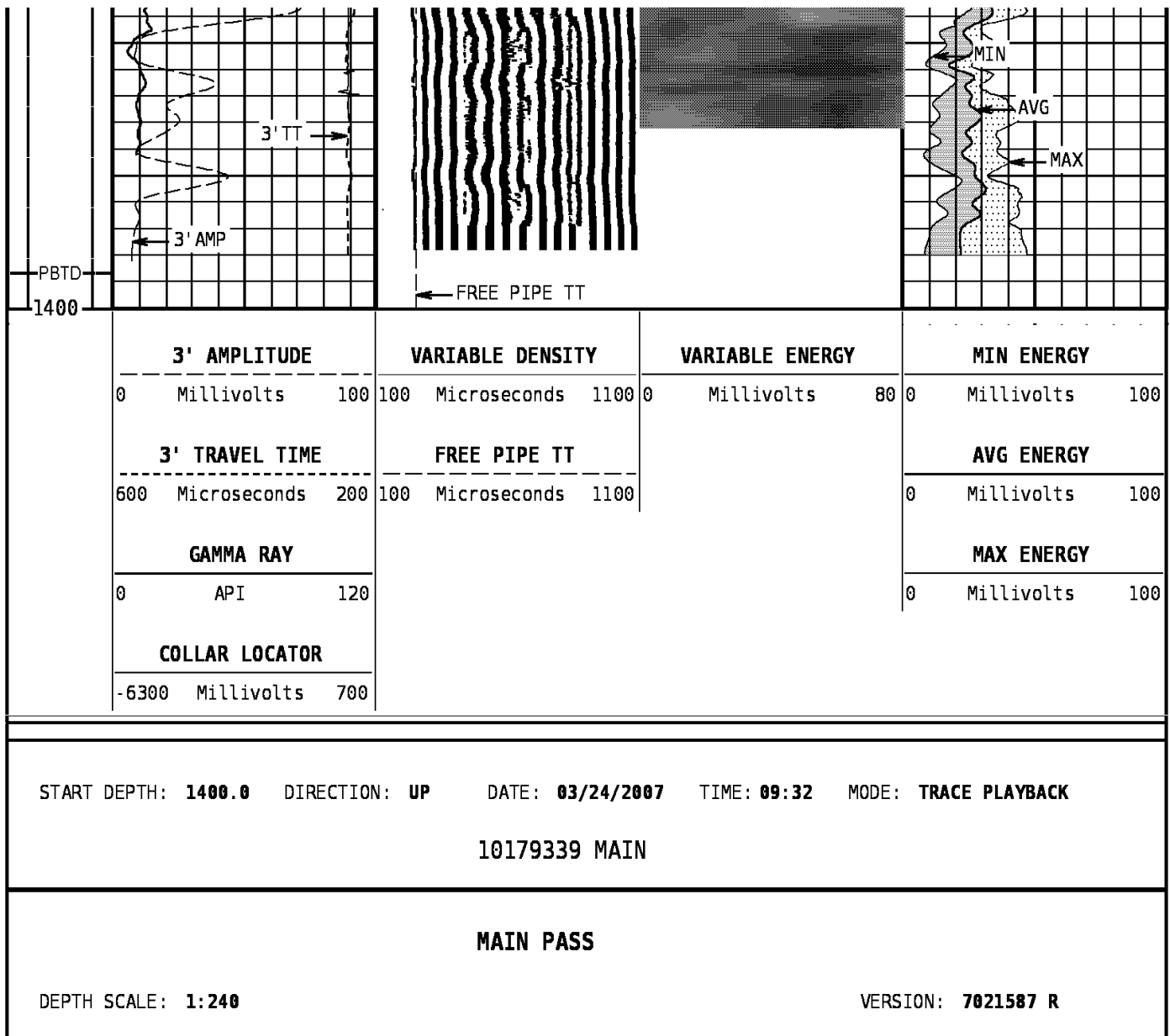
1325



1350

1375





-6300 Millivolts 700

GAMMA RAY

0 API 120

3' TRAVEL TIME

600 Microseconds 200

3' AMPLITUDE

0 Millivolts 100

FREE PIPE TT

100 Microseconds 1100

VARIABLE DENSITY

100 Microseconds 1100

VARIABLE ENERGY

0 Millivolts 80

MAX ENERGY

0 Millivolts 100

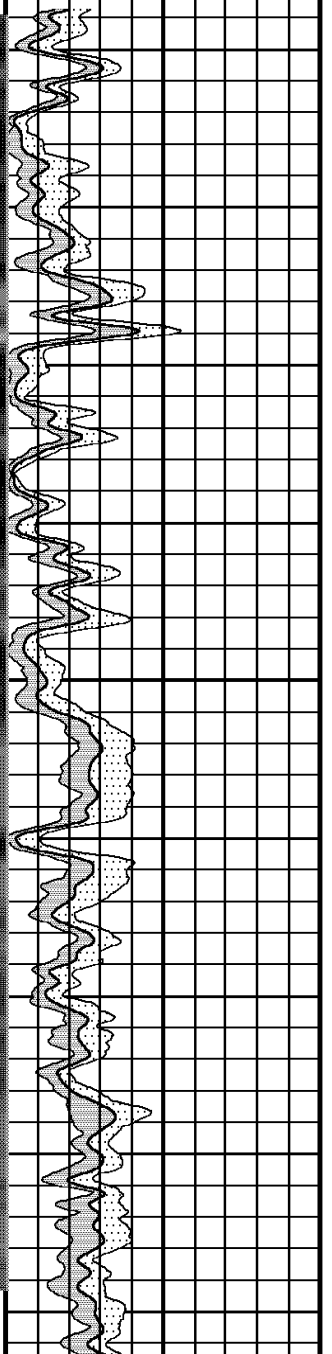
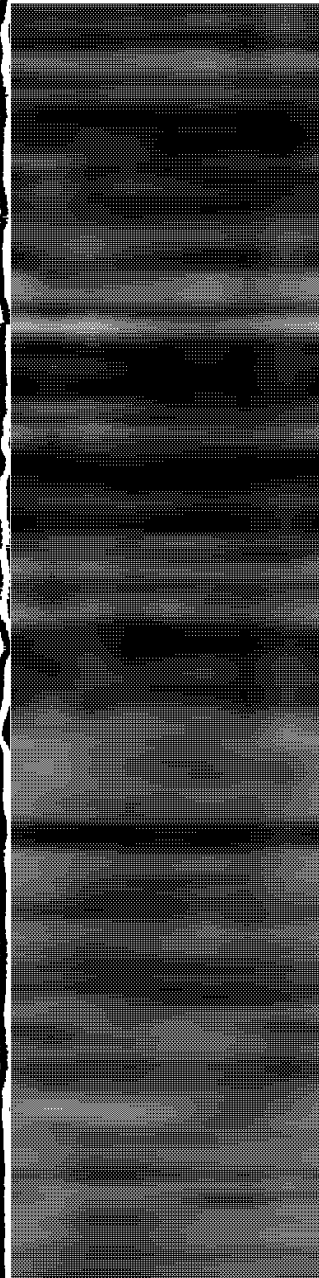
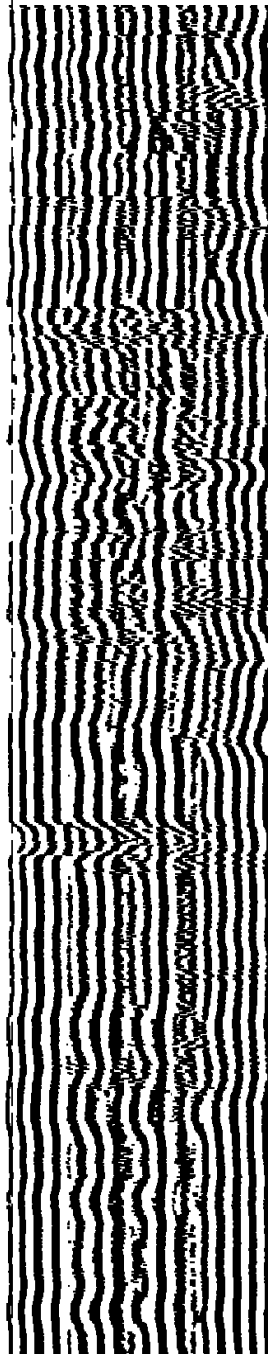
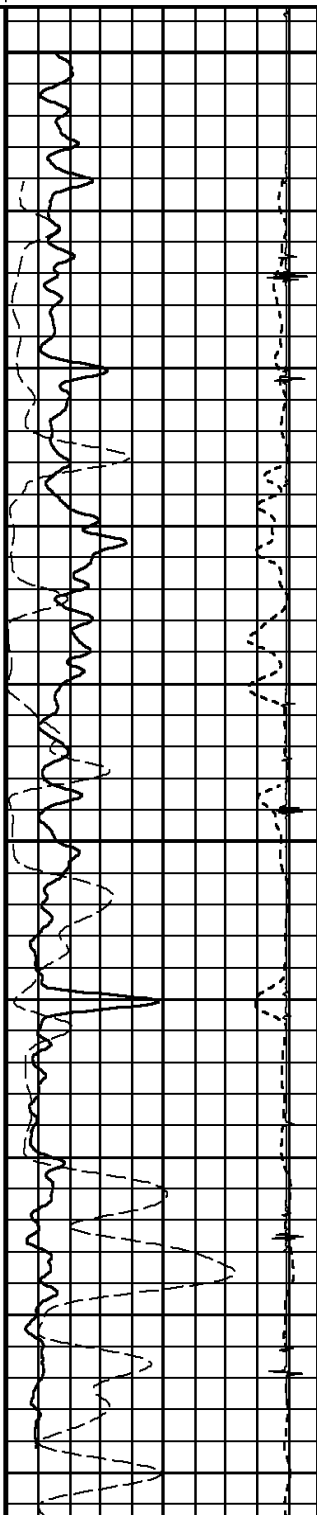
AVG ENERGY

0 Millivolts 100

MIN ENERGY

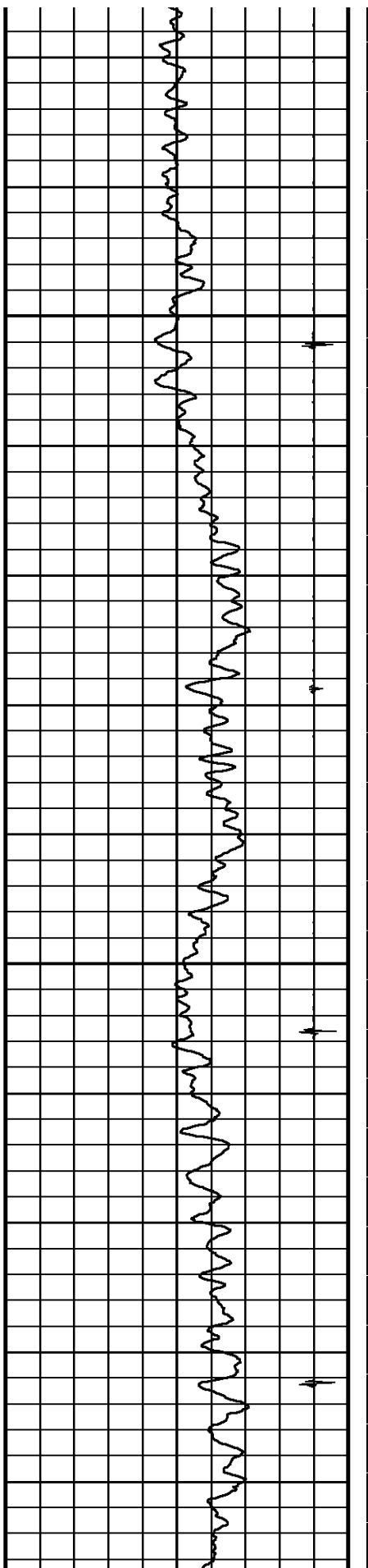
0 Millivolts 100

1375



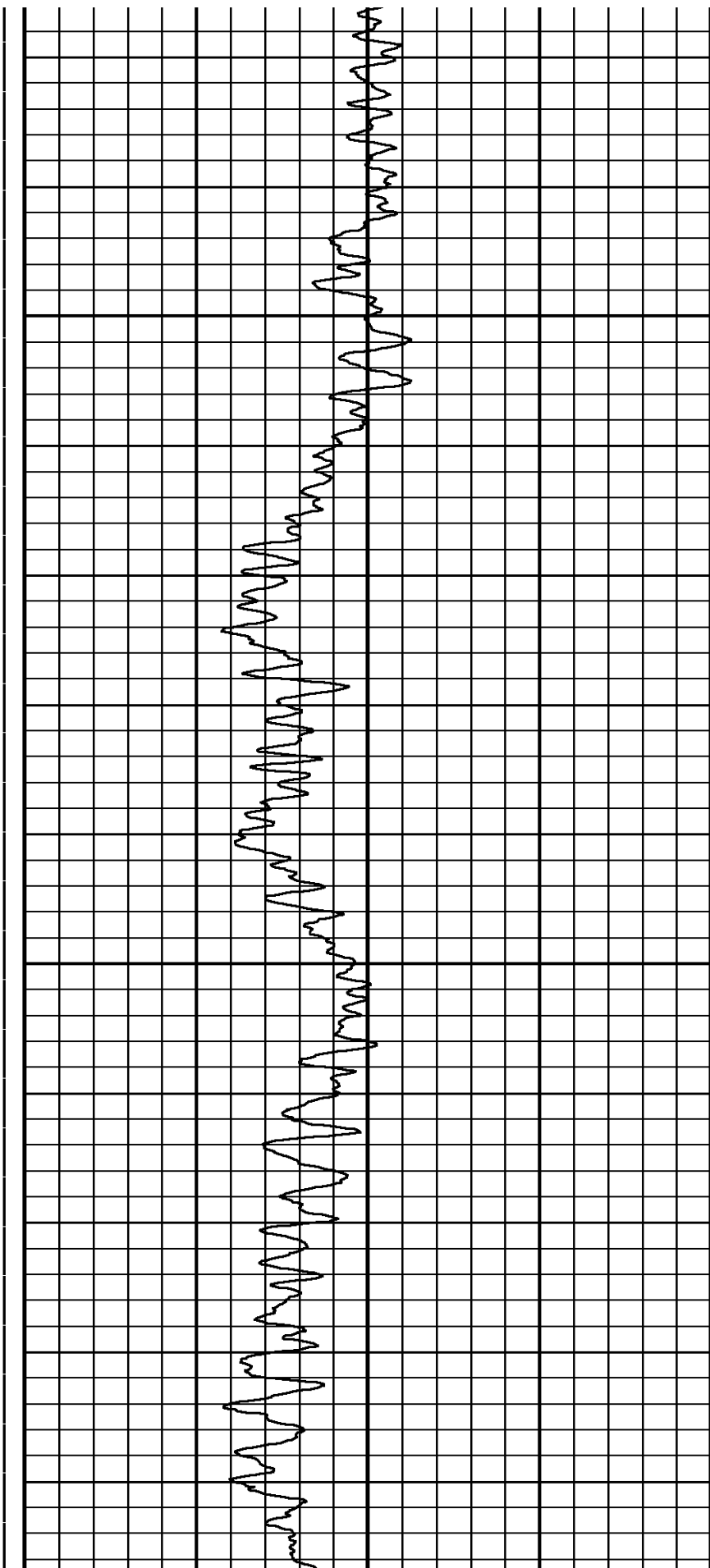
1400			
3' AMPLITUDE		VARIABLE DENSITY	VARIABLE ENERGY
0	Millivolts	100	100
3' TRAVEL TIME		FREE PIPE TT	
600	Microseconds	200	100
GAMMA RAY			
0	API	120	
COLLAR LOCATOR			
-6300	Millivolts	700	
START DEPTH: 1400.1 DIRECTION: UP DATE: 03/24/2007 TIME: 10:56 MODE: RECOMPUTE RECOMPUTED DATE: 03/24/2007 TIME: 10:56 10179339 REPEAT			
REPEAT PASS DEPTH SCALE: 1:240 VERSION: 7021587 R			

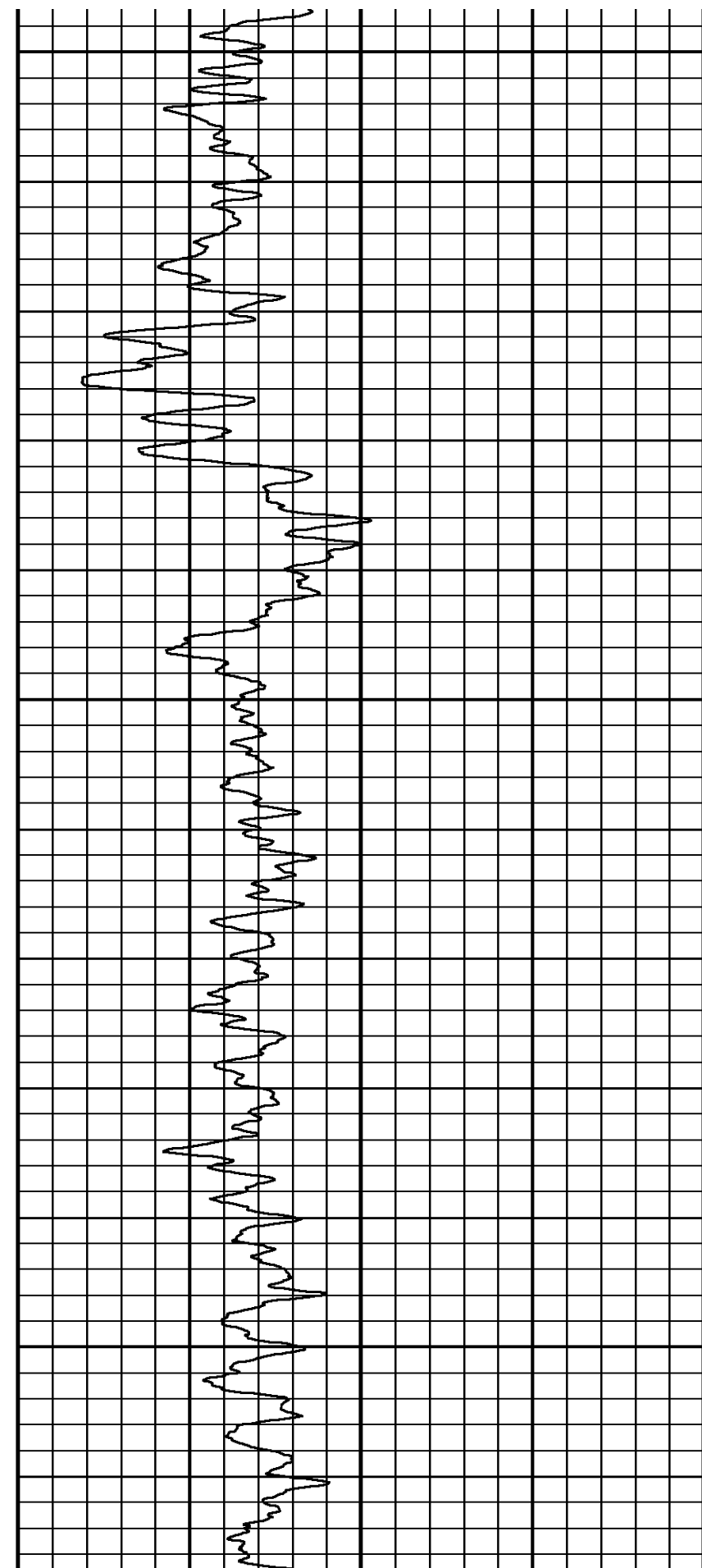
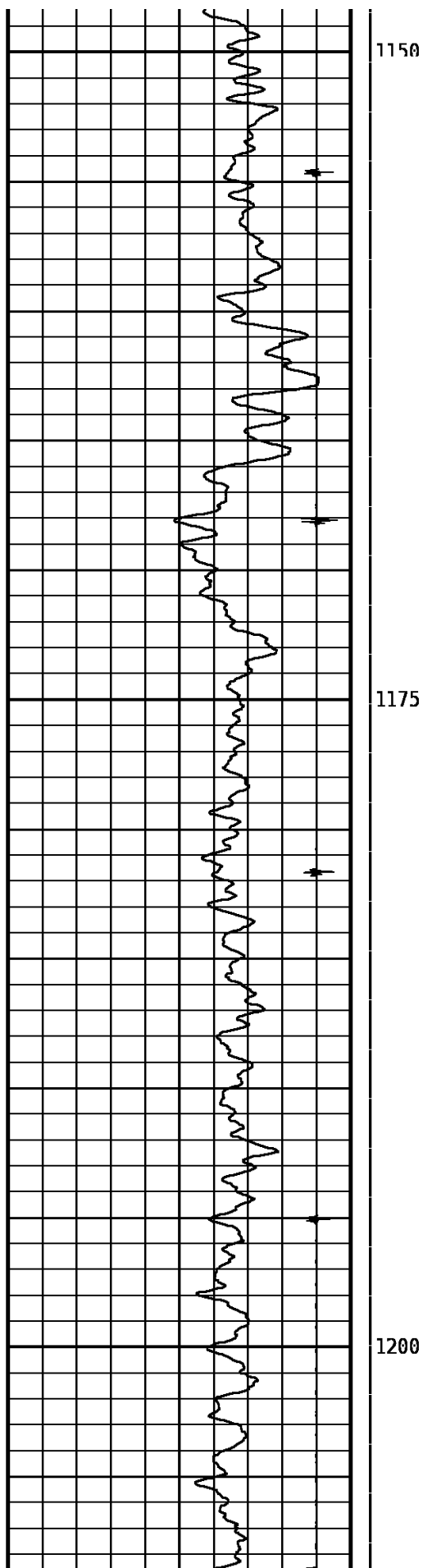
DEPTH SCALE: 1:240		VERSION: 7021587 R	
MAIN PASS 10179339 GAMMARAY			
FINISH DEPTH: 1400.0 Meters DIRECTION: UP DATE: 03/24/2007 TIME: 09:34 MODE: TRACE PLAYBACK			
COLLAR LOCATOR			
-6300	Millivolts	700	
GAMMA RAY		REVERSE GAMMA RAY	
0	API	120	0

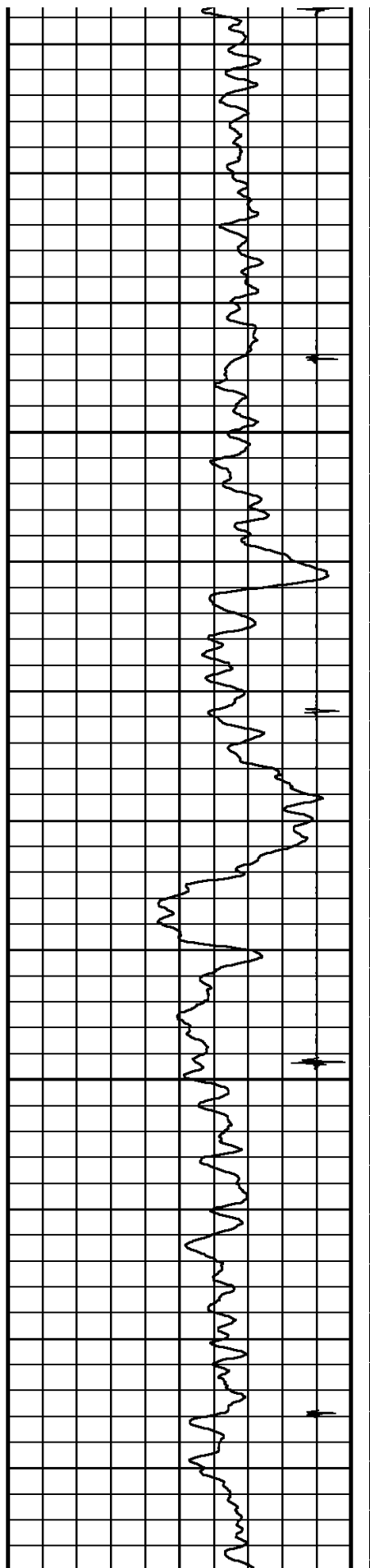


1100

1125

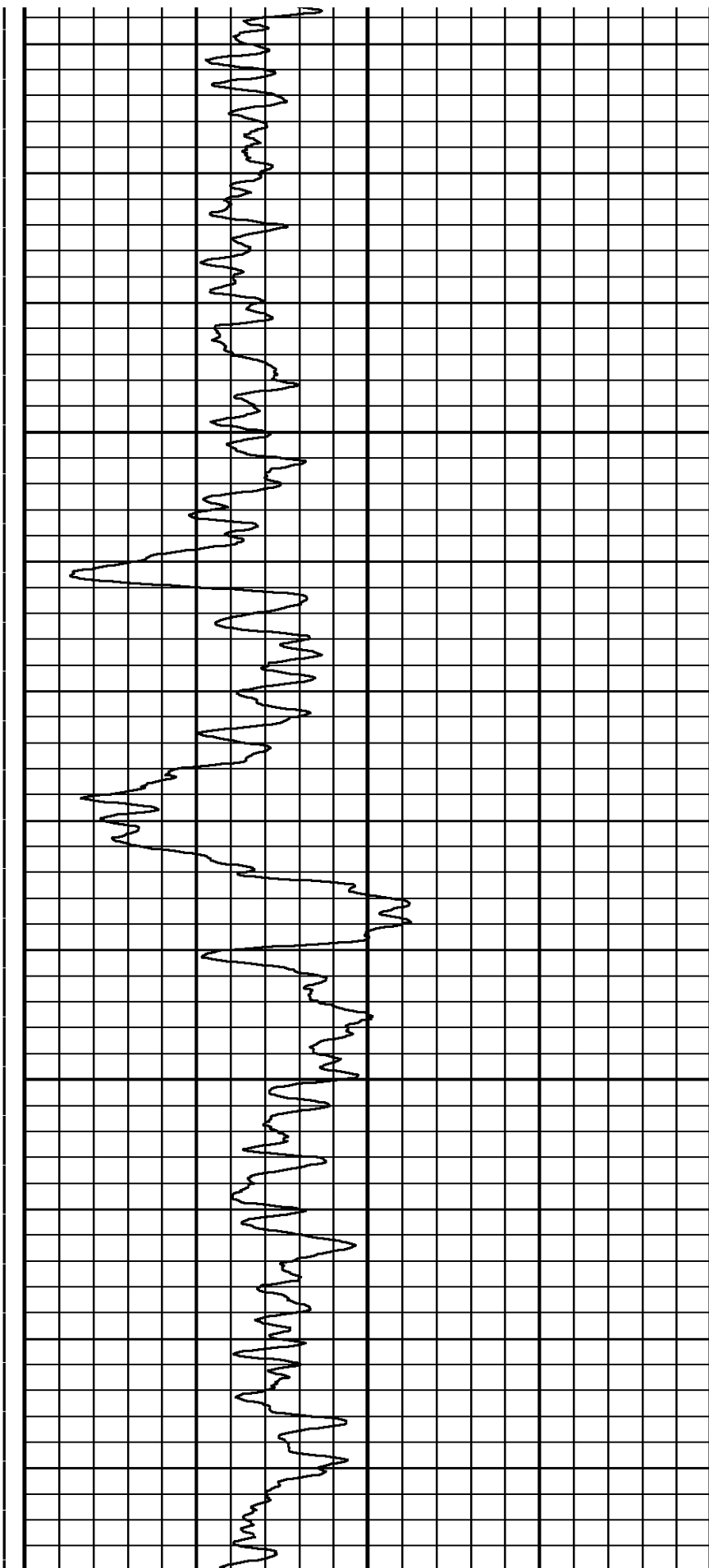


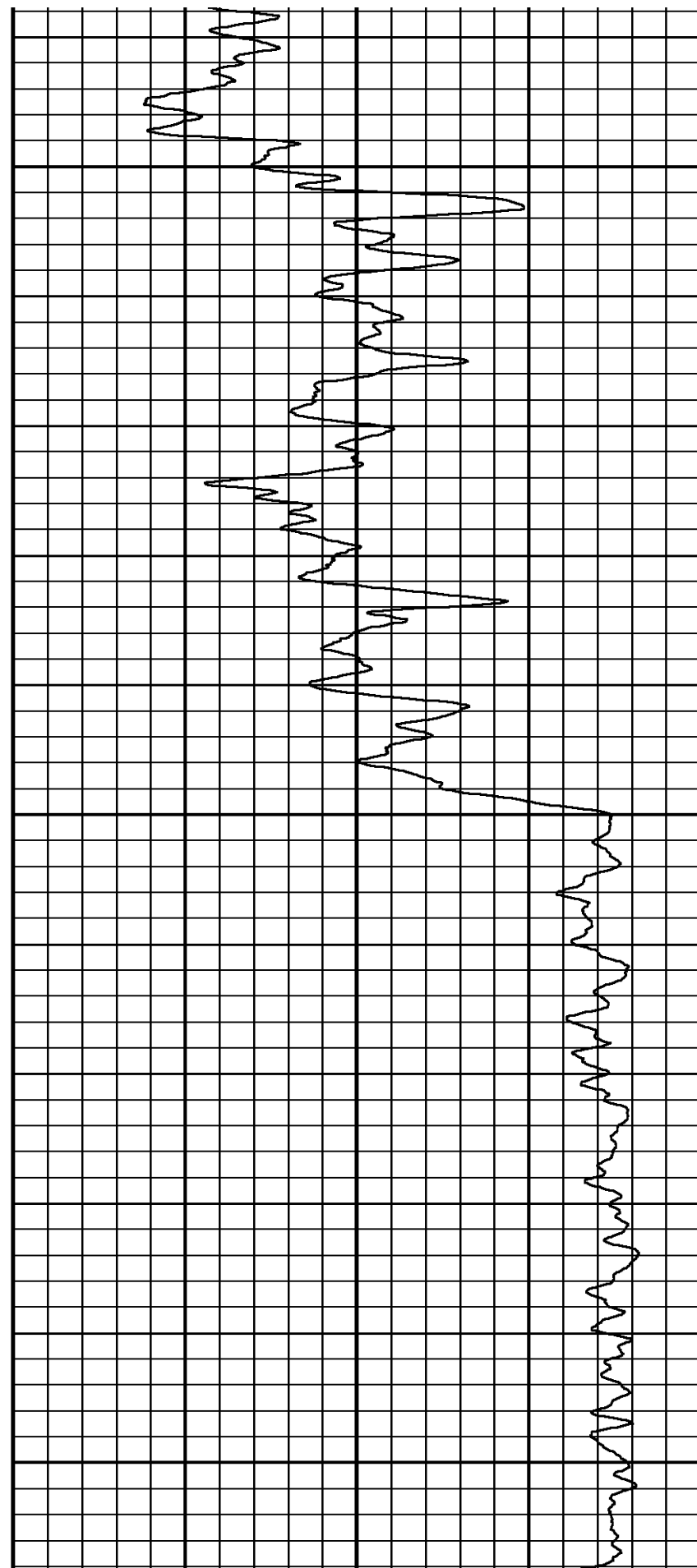
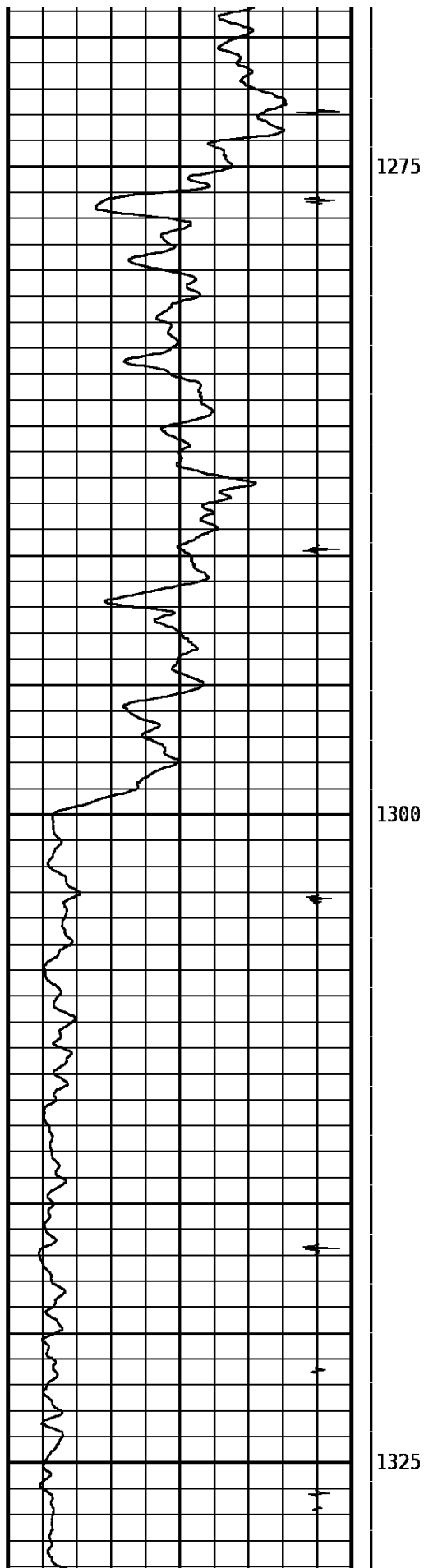


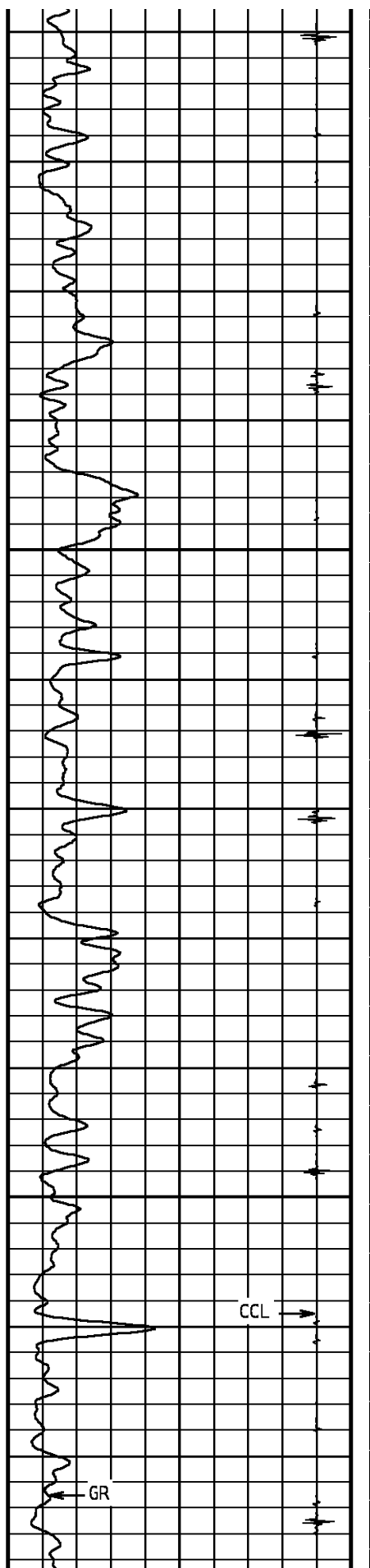


125

1250

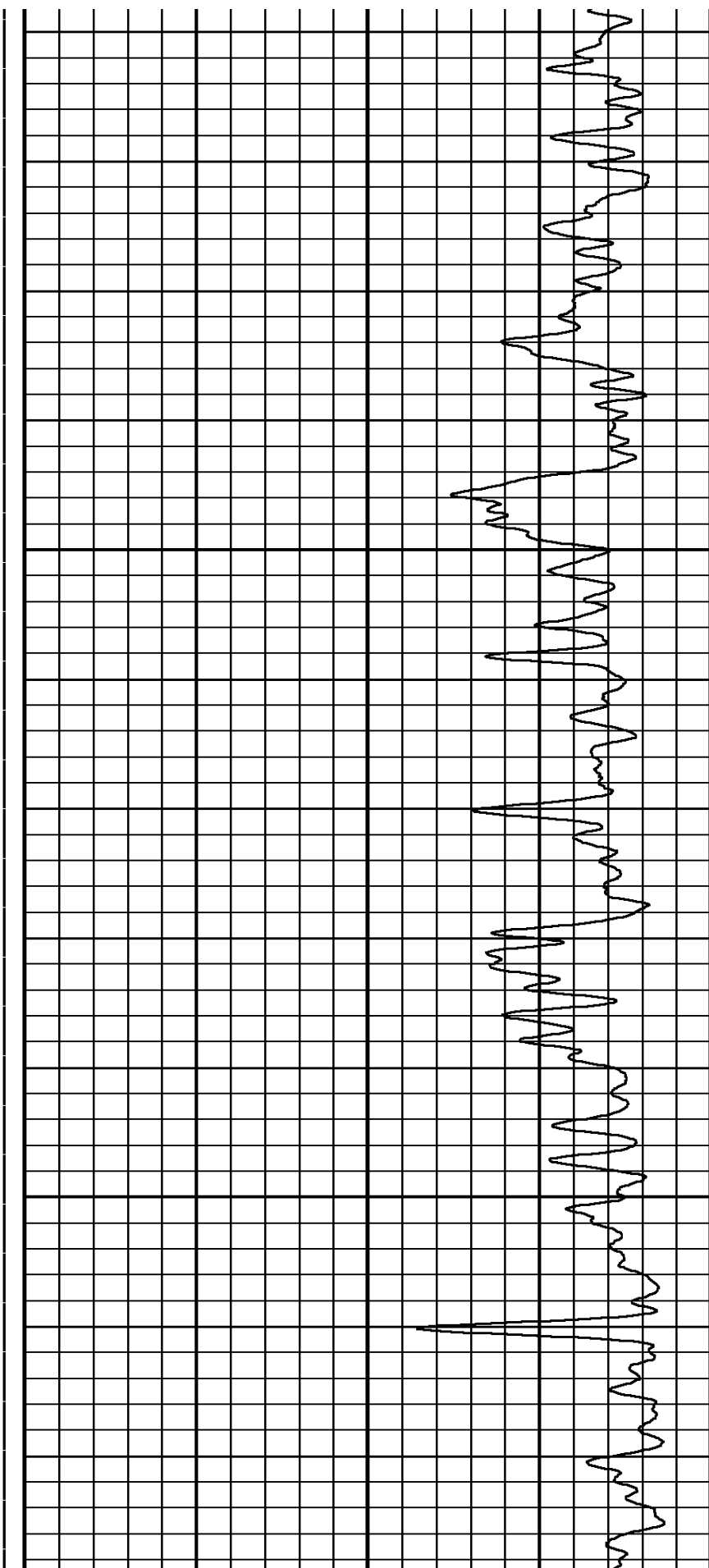






1350

1375



	PBTD 1400	
GAMMA RAY		REVERSE GAMMA RAY
0 API 120		120 API 0
COLLAR LOCATOR		
-6300 Millivolts 700		

START DEPTH: **1400.0** DIRECTION: **UP** DATE: **03/24/2007** TIME: **09:34** MODE: **TRACE PLAYBACK**

10179339 GAMMARAY

MAIN PASS

DEPTH SCALE: **1:240** VERSION: **7021587 R**

CS400 03/24/07 09:24:38 Ver. 7021587 R Service: sbt Job 10179339				
** Cal Results **			7021587 R	
Use For	Standard	Measured	Description	
Log				
=====	=====	=====	=====	
8 SECTOR AMP BEFORE	0.0	40.0	BASE LINE CAL	
	90.0	1263.4	FREE PIPE CAL	
AMP 3FT BEFORE	0.0	10.7	BASE LINE CAL	
	72.0	616.2	FREE PIPE CAL	
CAL PULSE BEFORE	0.0	14.0	BASE LINE CAL	
	2500.0	1950.3	FREE PIPE CAL	
AMP 5FT BEFORE	0.0	6.2	BASE LINE CAL	
	72.0	549.0	FREE PIPE CAL	
Y-Axis Orientation BEFORE	0.0	22.6	BASE LINE CAL	
	72.0	49.0	FREE PIPE CAL	
1 SECTOR AMP BEFORE	0.0	21.8	BASE LINE CAL	
	90.0	1439.6	FREE PIPE CAL	
2 SECTOR AMP BEFORE	0.0	43.5	BASE LINE CAL	

	90.0	1058.6	FREE PIPE CAL
3 SECTOR AMP BEFORE	0.0	22.6	BASE LINE CAL
	90.0	1326.6	FREE PIPE CAL
4 SECTOR AMP BEFORE	0.0	25.3	BASE LINE CAL
	90.0	1539.4	FREE PIPE CAL
5 SECTOR AMP BEFORE	0.0	16.4	BASE LINE CAL
	90.0	1147.9	FREE PIPE CAL
6 SECTOR AMP BEFORE	0.0	22.9	BASE LINE CAL
	90.0	1248.8	FREE PIPE CAL
7 SECTOR AMP BEFORE	0.0	21.9	BASE LINE CAL
	90.0	1216.3	FREE PIPE CAL
X-Axis Orientation BEFORE	0.0	150.0	BASE LINE CAL
	72.0	242.8	FREE PIPE CAL

Cased Hole Cablehead

Weight 0.5 kg
Length 0.3 m
Max. Diameter 36.5 mm

Total Stack Weight 118.0 kg in air
Total Stack Length 8.37 m

Slim Hole Centralizer

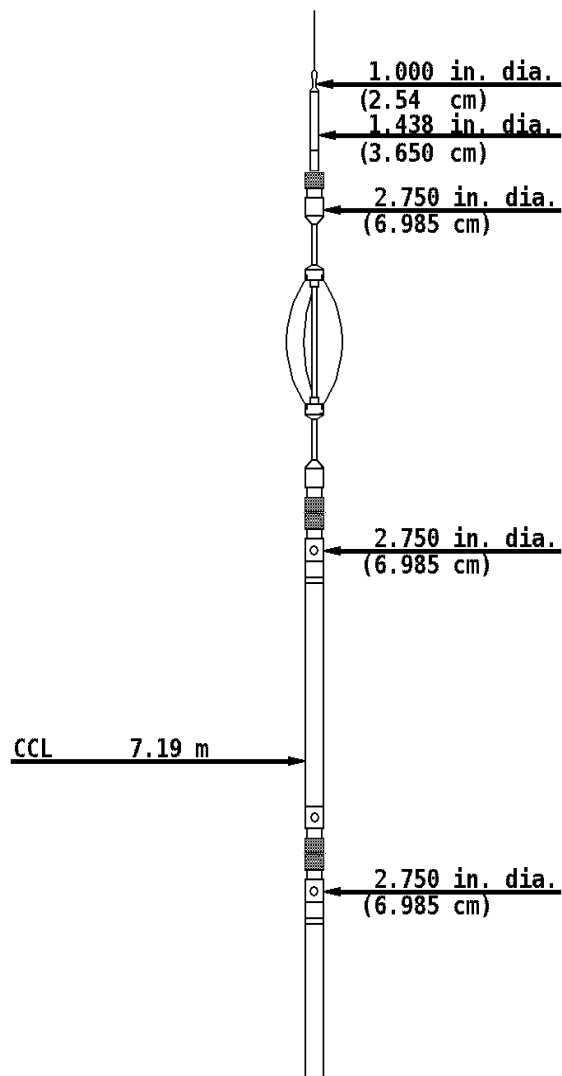
Weight 5.4 kg
Length 0.86 m
Max. Diameter 69.9 mm

Collar Locator

Weight 18.1 kg
Length 1.04 m
Max. Diameter 69.9 mm

Slim Hole Gamma Ray

Weight 18.1 kg
Length 1.44 m
Max. Diameter 69.9 mm



Slim Hole Centralizer

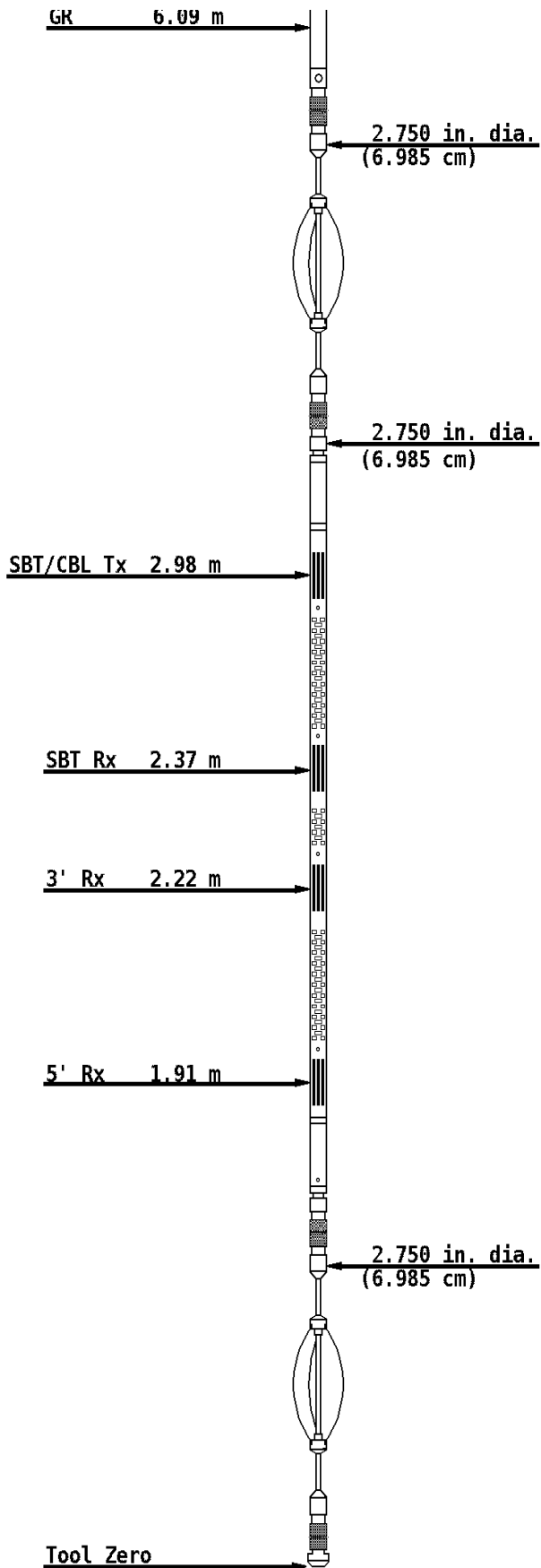
Weight 5.4 kg
Length 0.76 m
Max. Diameter 69.9 mm

Sector Bond

Weight 40.8 kg
Length 3.15 m
Max. Diameter 69.9 mm

Slim Hole Centralizer

Weight 10.8 kg
Length 0.94 m
Max. Diameter 6.9 cm



COMPANY PARAMOUNT RESOURCES LTD.

WELL PARA ET AL CAMERON E-72

FIELD CAMERON HILLS PROVINCE N.W.T.



Weatherford®