

Company		Diversified Drilling Corporation	
Well	RO-115	Field	Naples
County	Collier	State/Prv	Florida
Location	Vanderbilt Road Extension North Collier Regional WTP Hazen & Sawyer, Inc.		
Other Services	NONE		
Permanent Datum	G.L.	Elevation	
Log Measured From	G.L.	K.B. D.F. G.L.	
Drilling Measured From	G.L.		
Date	18-DEC-2004	Run Number	ONE
Depth Driller	140'	Depth Logger	140'
Bottom Logged Interval	138'	Top Log Interval	SURFACE
Open Hole Size	3 1/2"	Type Fluid	MUD
Density / Viscosity	NA/NA	Max. Recorded Temp.	NA
Estimated Cement Top	NA	Time Vial Ready	10:00 12/18/04
Time Logged on Bottom	10:00 12/18/04	Equipment Number	MW/CS-1
Location	FL Myers	Recorded By	S. Miller
Witnessed By	J. Largey (HS)	Nate (DDC)	
Run Number	ONE	Bit	3 1/2" SURFACE
From	140'	To	140'
Size	na	Weight	
Wgt/Ft		From	
Top		Bottom	
Casing Record	na	Surface String	
Prot. String		Production String	
Liner			
Invoice No.	2004175	P.O. #	
		Job No.	

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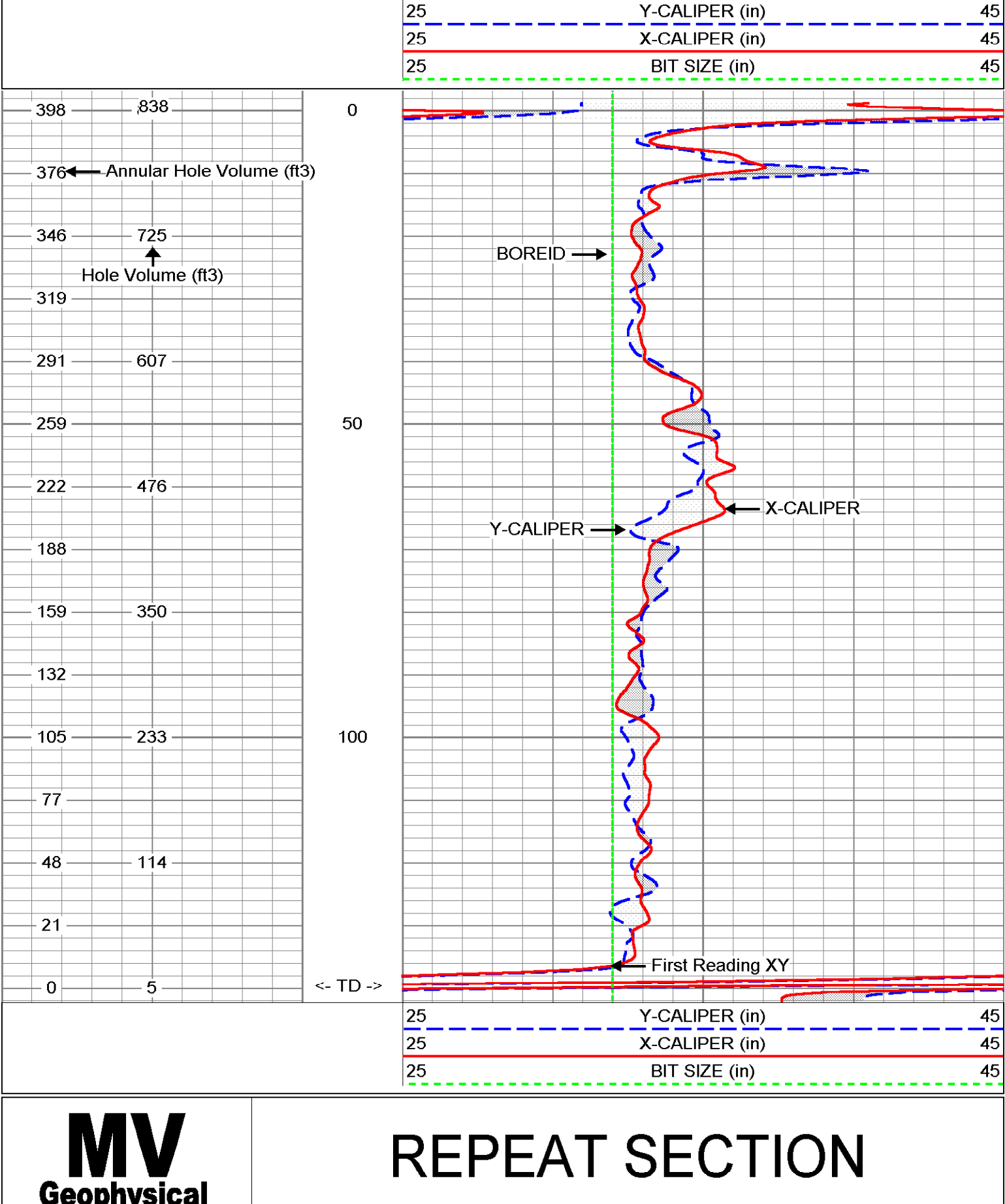
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

X-Y Caliper Arm Extensions: 51"  
Future Casing Size: 24"

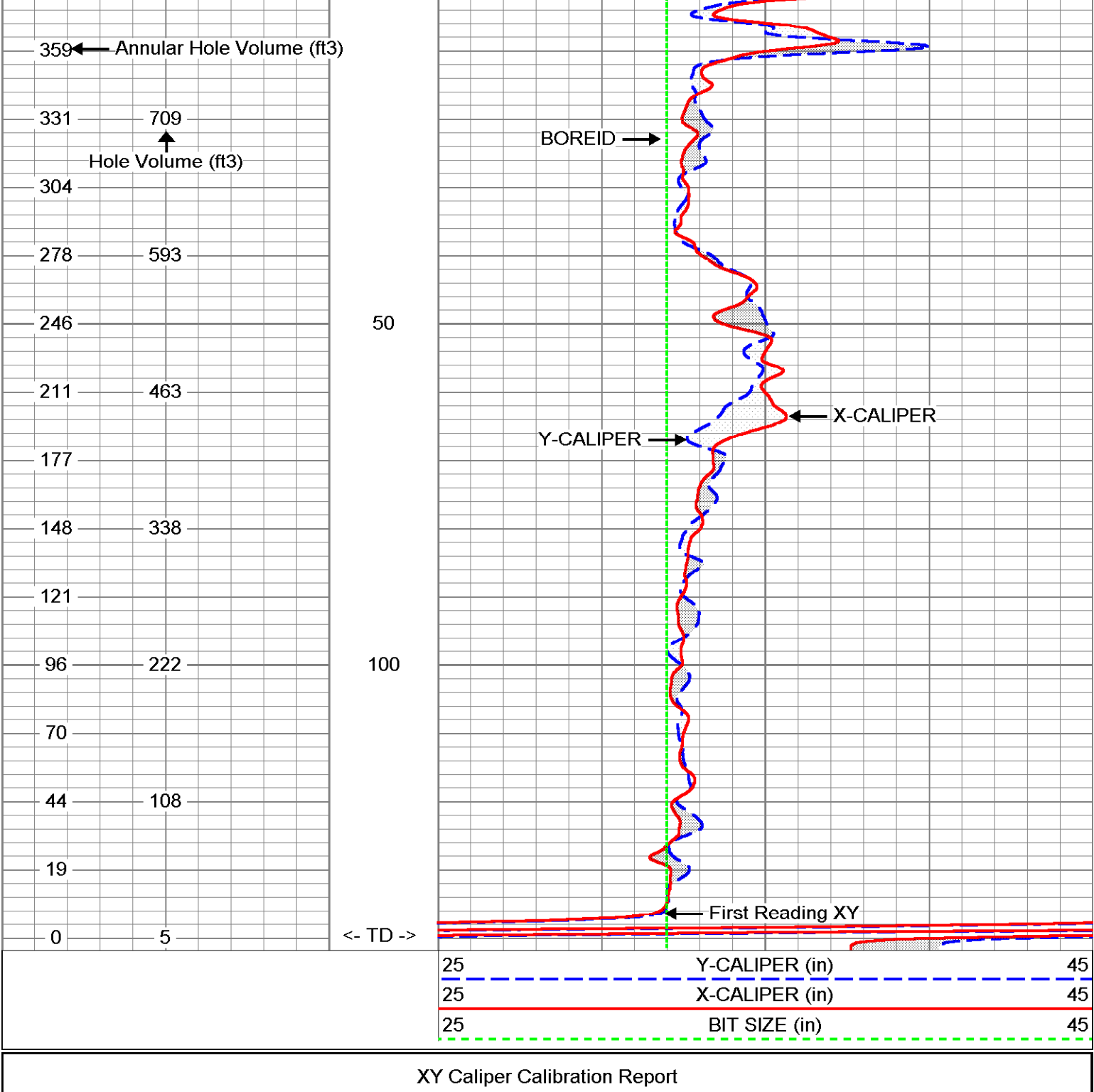
**MV Geophysical** **MAIN PASS**

Database File: ncr-115.db  
Dataset Pathname: MAIN  
Presentation Format: XY2545-5  
Dataset Creation: Sat Dec 18 10:46:13 2004  
Charted by: Depth in Feet scaled 1:240



**MV Geophysical** **REPEAT SECTION**

Database File: ncr-115.db  
Dataset Pathname: REPEAT  
Presentation Format: XY2545-5  
Dataset Creation: Sat Dec 18 10:35:27 2004  
Charted by: Depth in Feet scaled 1:240

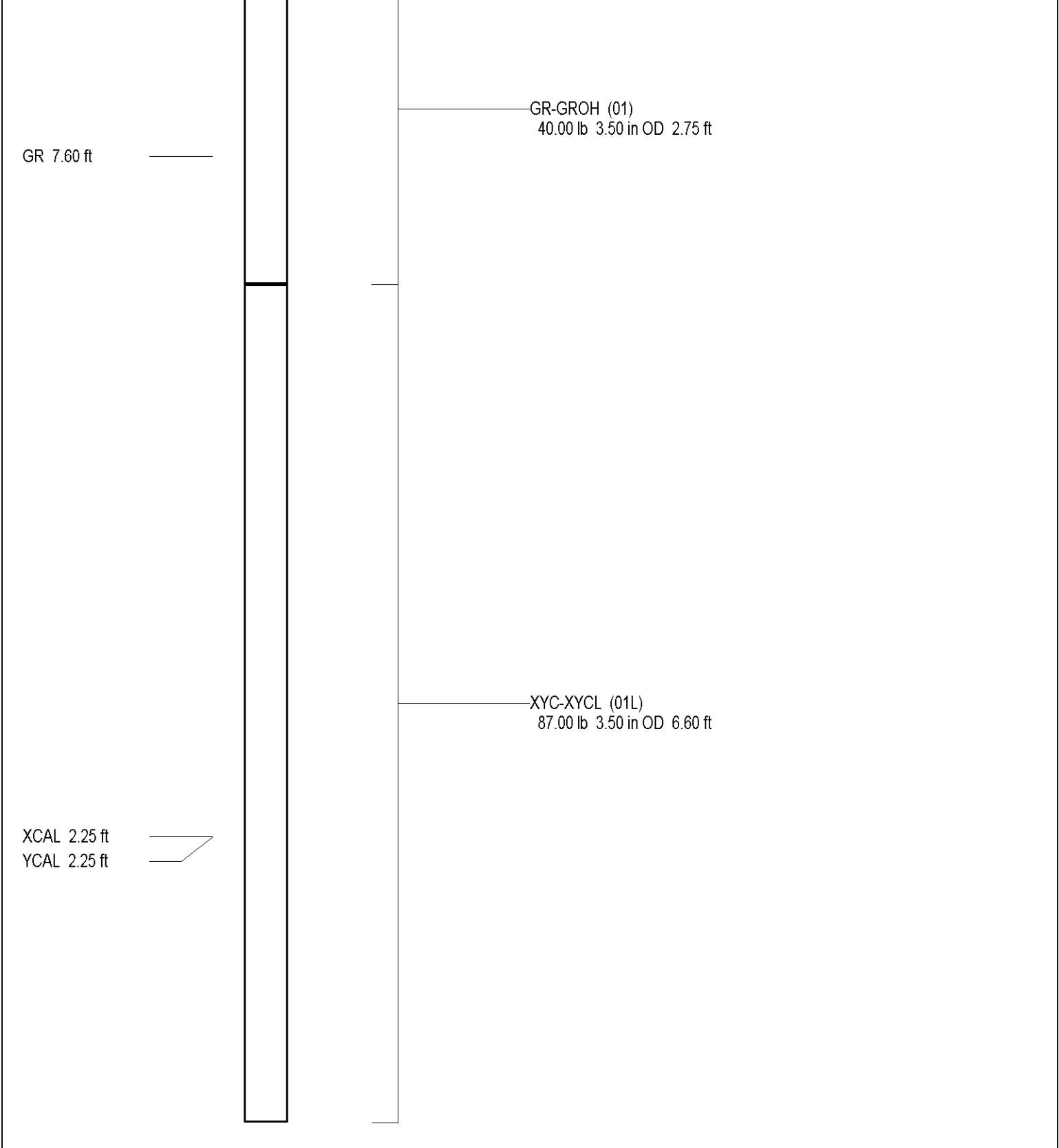


**XY Caliper Calibration Report**

Serial Number:	01L		
Tool Model:	XYCL		
Performed:	Sat Dec 18 10:29:32 2004		
Small Ring:	32	in	
Large Ring:	51	in	
	X Caliper	Y Caliper	
Reading with Small Ring:	771.3	766	cps
Reading with Large Ring:	1040.71	1047.51	cps
Gain:	0.0705245	0.0674932	
Offset:	-22.3955	-19.6998	

**Gamma Ray Calibration Report**

Serial Number:	01	
Tool Model:	GROH	
Performed:	Fri Dec 17 07:12:38 2004	
Calibrator Value:	120	GAPI
Background Reading:	10.713	cps
Calibrator Reading:	126.474	cps
Sensitivity:	1.03662	GAPI/cps



Company	Diversified Drilling Corp.	Well	RO-115
Field	Naples	County	Collier
Location	Vanderbilt Road Extension North Collier Regional WTP Hazen & Sawyer, Inc.	State/Prv	Florida
Permanent Datum	G.L.	Elevation	
Log Measured From	G.L.	K/B D/F	
Drilling Measured From	G.L.	Elevation	NONE
Date	13-JAN-2005	Run Number	TWO
Depth Driller	422	Bottom Logger	422
Bottom Logged Interval	SURFACE	Top Log Interval	SURFACE
Open Hole Size	32"	Type Fluid	MWD
Density / Viscosity	NA/NA	Max. Recorded Temp.	na
Estimated Cement Top	na	Estimated Cement Bottom	na
Time Used (min)	10:00	Time Used (hr)	17:30
Time Used (hr)	10:00	Time Used (min)	17:30
Equipment Number	MNCS-1	Location	FL Myers
Recorded By	S. Miller	Witnessed By	J. McNealley (HS)
Run Number	140'	Bit	32"
ONE	140'	SURFACE	422'
TWO	140'	SURFACE	422'
Casing Record	Size	Weight	From
Surface String	24	WT	140'
Production String	31/32 WT	WT	140'
Line	2005009	P. O. #	
Job No.		Job No.	

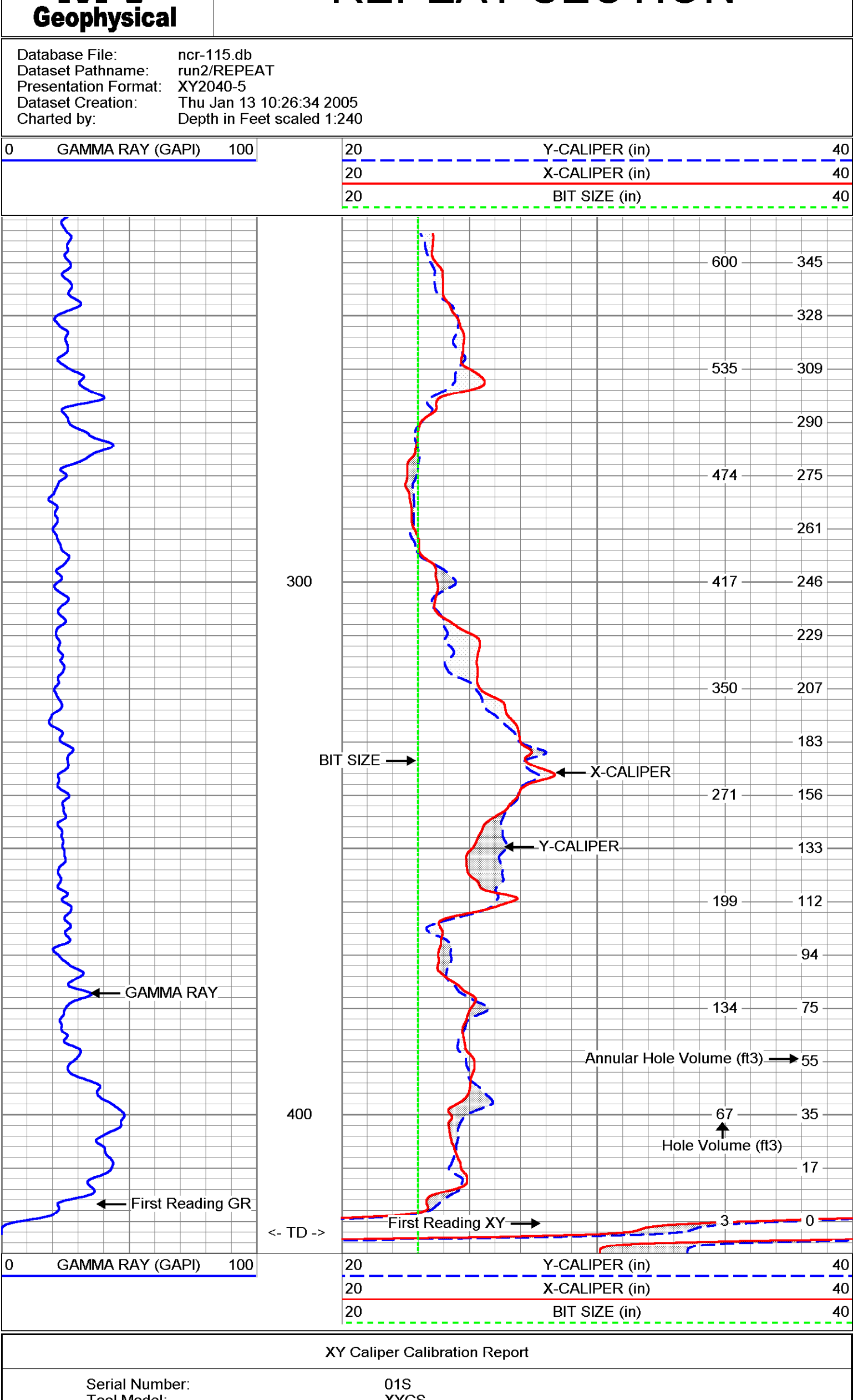
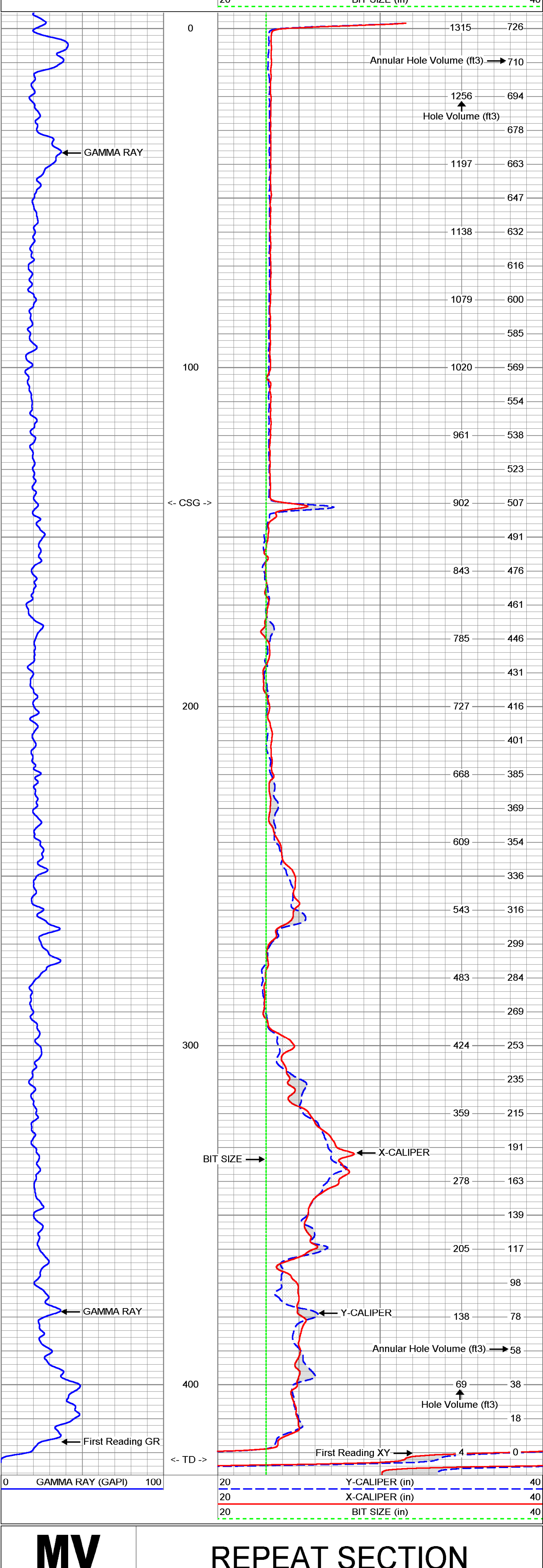
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Comments

X-Y Caliper Arm Extensions: 33"

Future Casing Size: 16"



**XY Caliper Calibration Report**

Serial Number: 01S  
 Tool Model: XYCS  
 Performed: Thu Jan 13 10:40:34 2005

Small Ring: 23.25 in  
 Large Ring: 33 in

Reading with Small Ring: 808.4 cps  
 Reading with Large Ring: 1046.21 cps

Gain: 0.0409991  
 Offset: -9.8937

X Caliper: 797.4 cps  
 Y Caliper: 1059 cps

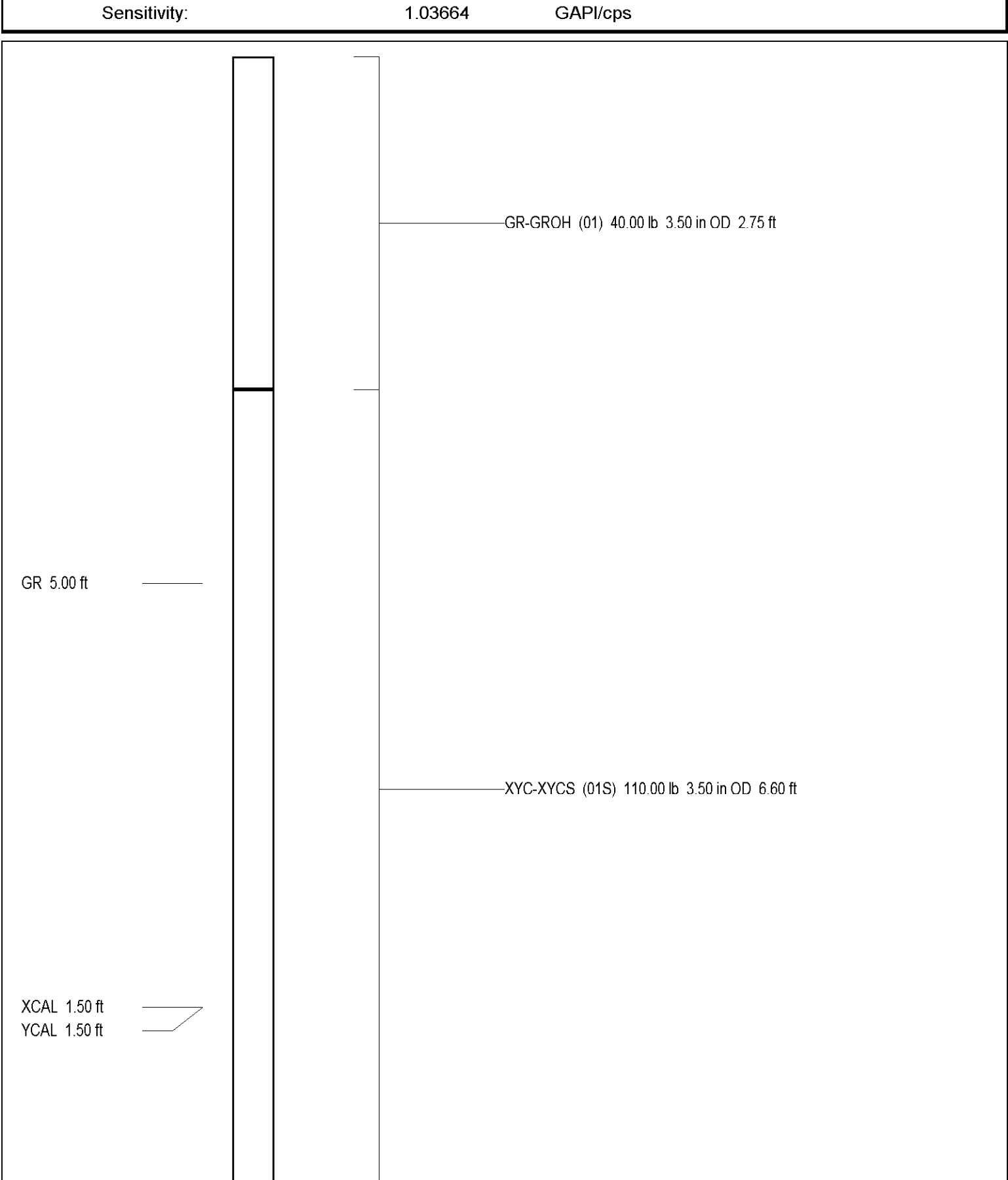
**Gamma Ray Calibration Report**

Serial Number: 01  
 Tool Model: GROH  
 Performed: Thu Jan 13 10:29:00 2005

Calibrator Value: 120 GAPI

Background Reading: 10.7153 cps  
 Calibration Reading: 126.474 cps

Sensitivity: 1.03664 GAPI/cps



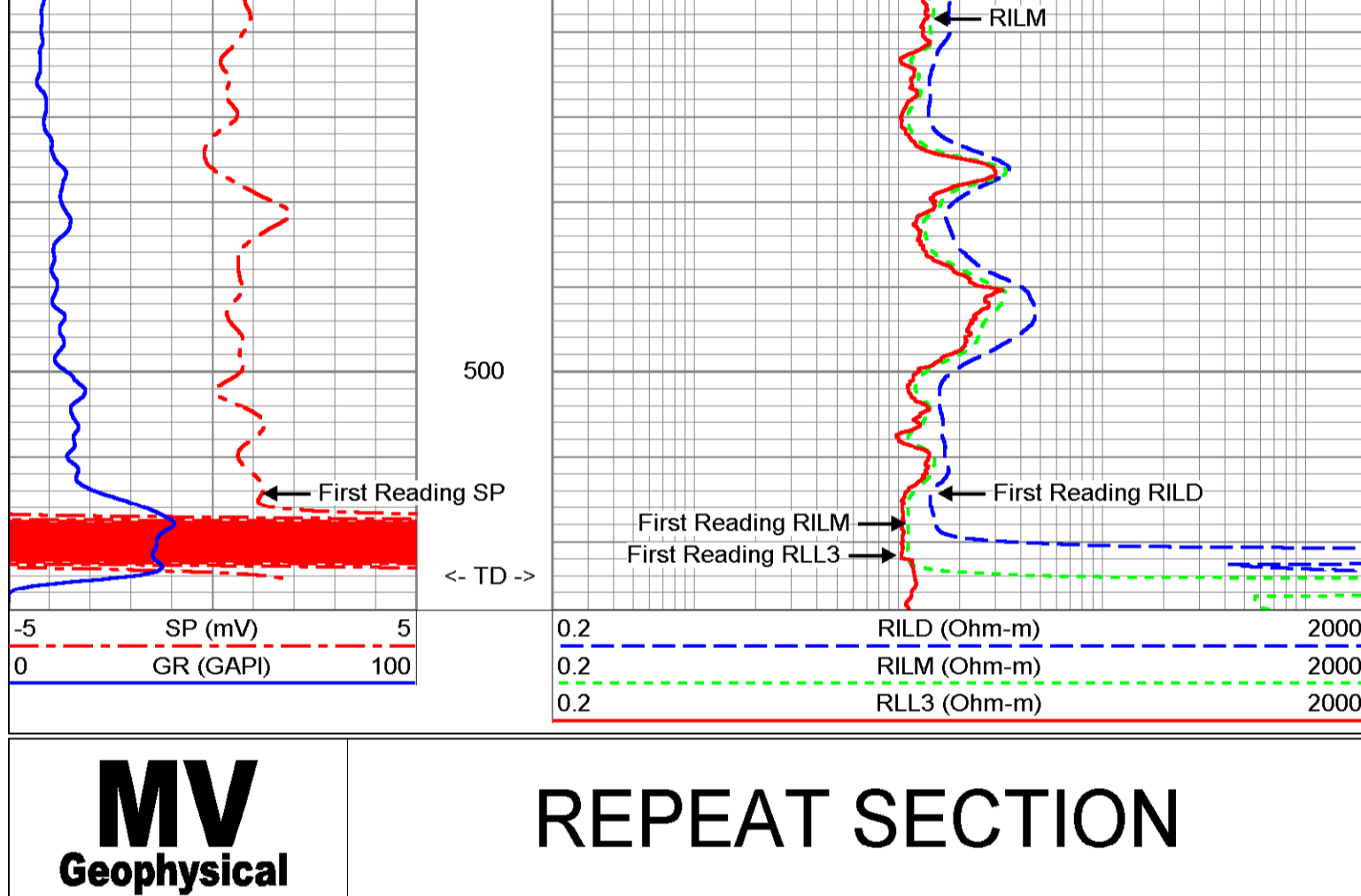
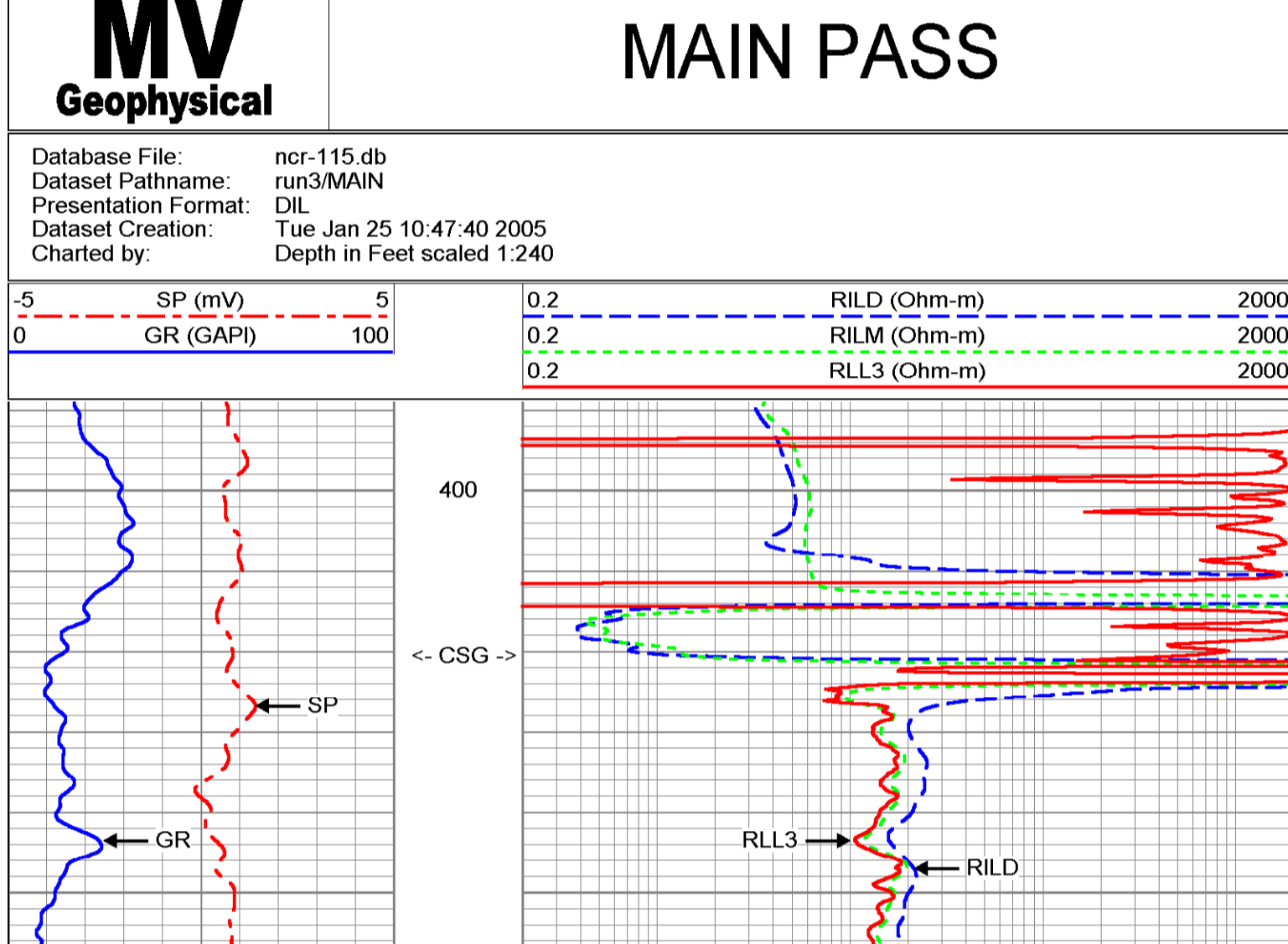
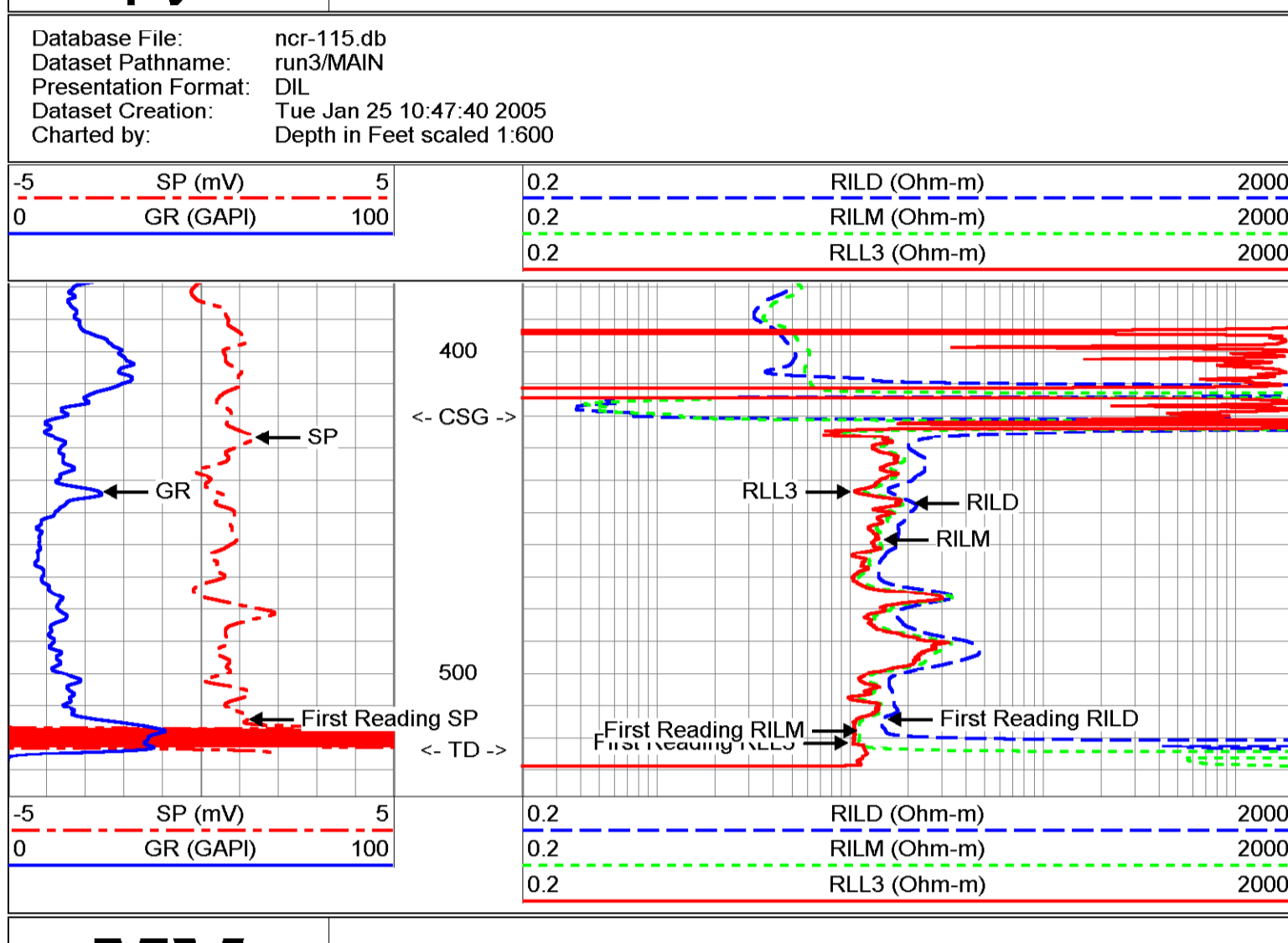
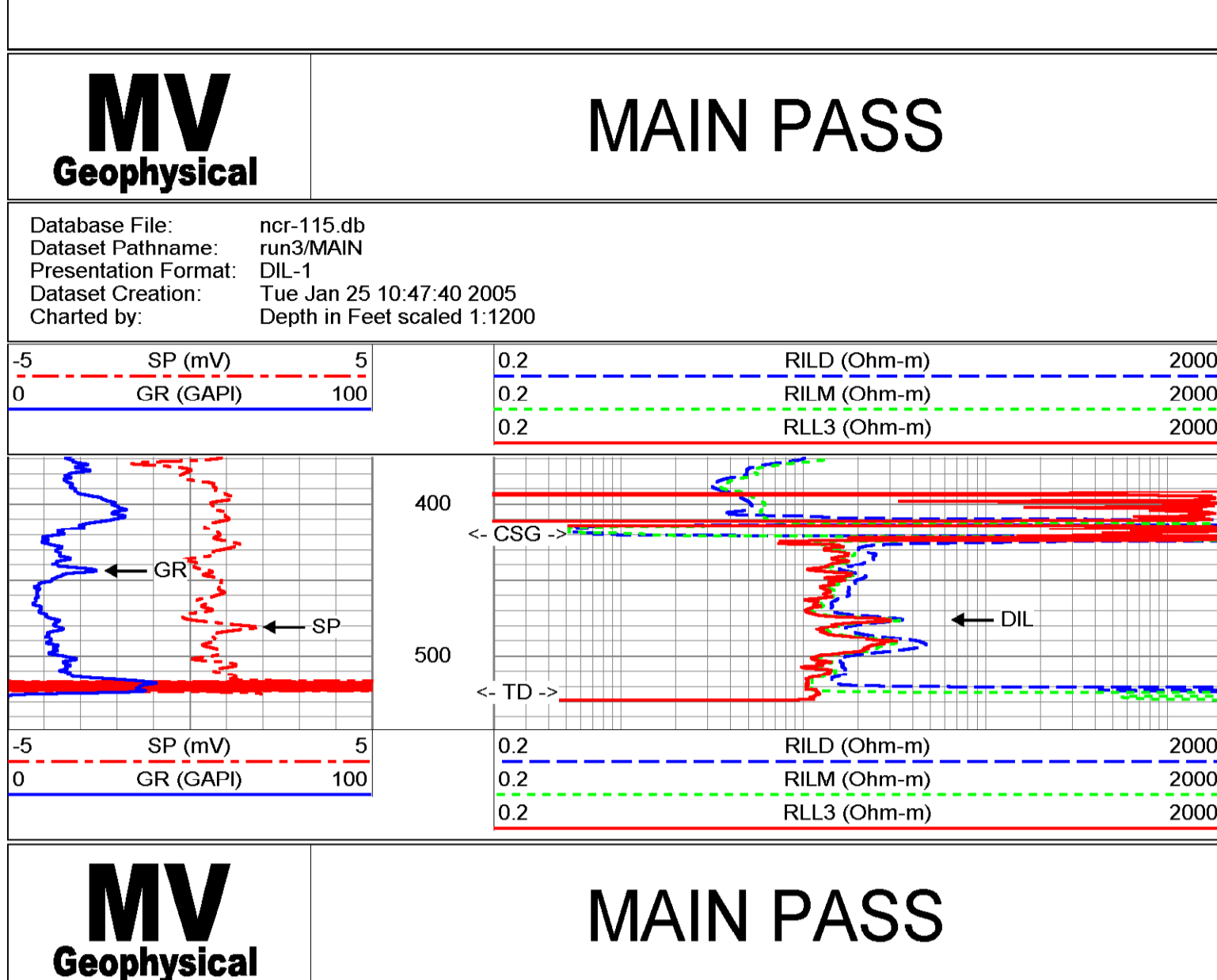
Company	Diversified Drilling Corp.	Well	RO-115
Field	Collier	County	Collier
Location	Vanderbilt Road Extension North Collier Regional WTP	State/Prv	Florida
Company	Diversified Drilling Corporation	Well	RO-115
Field	Collier	County	Collier
Location	Vanderbilt Road Extension North Collier Regional WTP	State/Prv	Florida
Other Services	XYGR FLOW	Elevation	
Permanent Datum	G.L.	Elevation	
Log Measured From	G.L.	K.B.	
Drilling Measured From	G.L.	D.F.	
Date	25-JAN-2005	Run Number	THREE
Depth Driller	525'	Depth Logger	524'
Bottom Logged Interval	522'	Top Log Interval	420'
Open Hole Size	14.75"	Type Fluid	WATER
Density / Viscosity	NA	Max. Recorded Temp.	NA
Estimated Cement Top	09.00 1/25/05	Time Well Ready	11.00 1/25/05
Location	FI Myers	Equipment Number	MMGS-1
Witnessed By	J. Whalley (HS)	Recorded By	S. Miller
Run Number	ONE	Bit	140'
ONE	32"	SURFACE	42'
TWO	23"	140'	42'
THREE	14.75"	420'	53'
Size	24"	Weight	140'
Surface String	16" FRP	Surface	140'
Production String		Surface	420'
Job No.	2005012	P.O. #.	

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Comments

Rw=2.164 ohm-m @ 80.1 degF



Dual Induction Calibration Report

Serial-Model: 5390-R  
 Surface Cal Performed: Mon Feb 24 16:52:46 2003  
 Downhole Cal Performed: Tue Jan 25 11:01:48 2005  
 After Survey Verification Performed: Tue Jan 25 11:43:43 2005

Surface Calibration

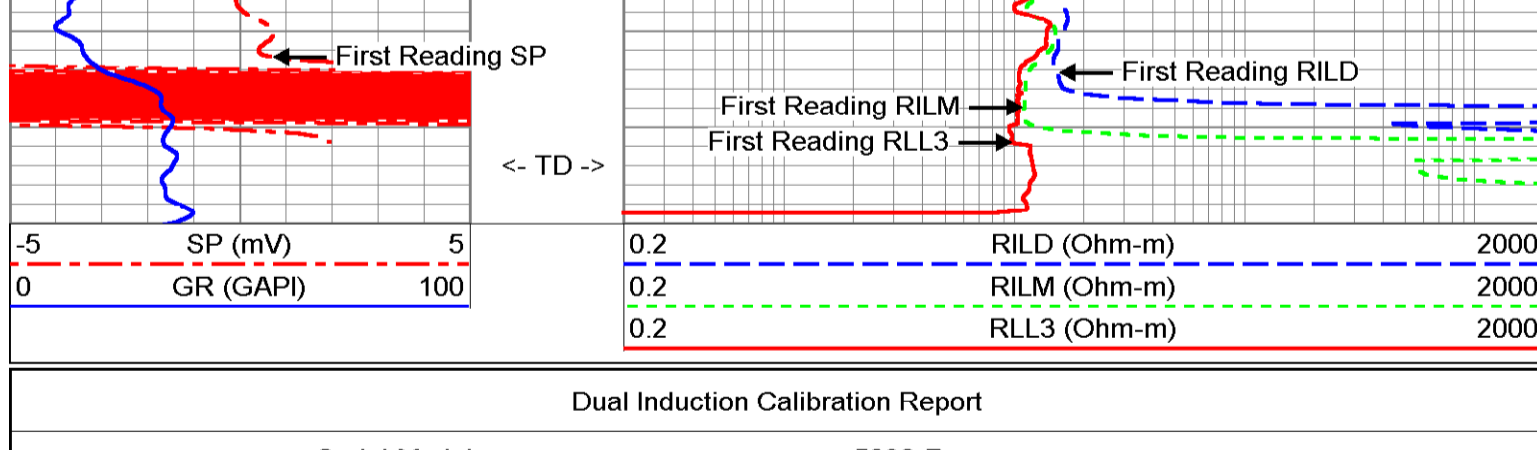
Loop:	Readings		References	Results	
	Air	Loop		m	b
Deep	0.041	0.637	0.000	400.000	670.900
Medium	-0.006	0.700	0.000	464.000	656.366

Downhole Calibration

Internal:	Readings		References	Results	
	Zero	Cal		m	b
Deep	-0.242	399.465	-19.983	406.966	1.068
Medium	22.828	487.440	-2.972	495.796	1.074
Shallow	2.545	0.024	494.500	2.000	1.074

After Survey Verification

Internal:	Readings		Targets	Results	
	Zero	Cal		m'	b'
Deep	-19.373	399.460	-0.242	399.465	1.068
Medium	12.996	488.946	22.827	487.440	1.074
Shallow	486.436	2.212	494.500	2.000	1.074



Dataset: run3/pass7  
 Total Length: 20.90 ft  
 Total Weight: 345.00 lb  
 O.D.: 4.00 in



# FLUID CONDUCTIVITY TEMPERATURE LOG

Company: Diversified Drilling Corp.  
Well: RO-115  
Field: Naples  
County: Collier  
State/Prv: Florida

Company: Diversified Drilling Corporation  
Well: RO-115  
Field: Naples  
County: Collier  
State/Prv: Florida

Location: Vanderbilt Road Extension  
North Collier Regional WTP  
Hazan & Sawyer, Inc.

Permanent Datum: G.L.  
Log Measured From: G.L.  
Drilling Measured From: G.L.

Elevation: G.L.  
Elevation: G.L.  
Elevation: G.L.

Date: 25-JAN-2005  
Run Number: THREE  
Depth Driller: 625  
Depth Logger: 624  
Bottom Logged Interval: 624  
Top Log Interval: 370  
Open Hole Size: 14.75"

Type Fluid: WATER  
Density / Viscosity: NANA  
Max. Recorded Temp.: NA  
Estimated Cement Top: NA  
Time Well Ready: 09:00 1/25/05  
Time Logger on Bottom: 09:30 1/25/05  
Equipment Number: MM/GS-1  
Location: Ft Myers  
Recorded By: S.Miller  
Witnessed By: J.Wheatley (HS)

Borehole Record  
Run Number: ONE  
Bit: 32"  
TWO: 23"  
THREE: 14.75"

From: 140'  
To: 422'  
420'

From: 140'  
To: 420'

Size: 24"  
Wgt/Ft: 375\*WT  
Prof. String: 16" FRP  
Production String: 15.875" ID  
Liner: 20050112  
P.O. #: Job No.: \*FIELD PRINT\*

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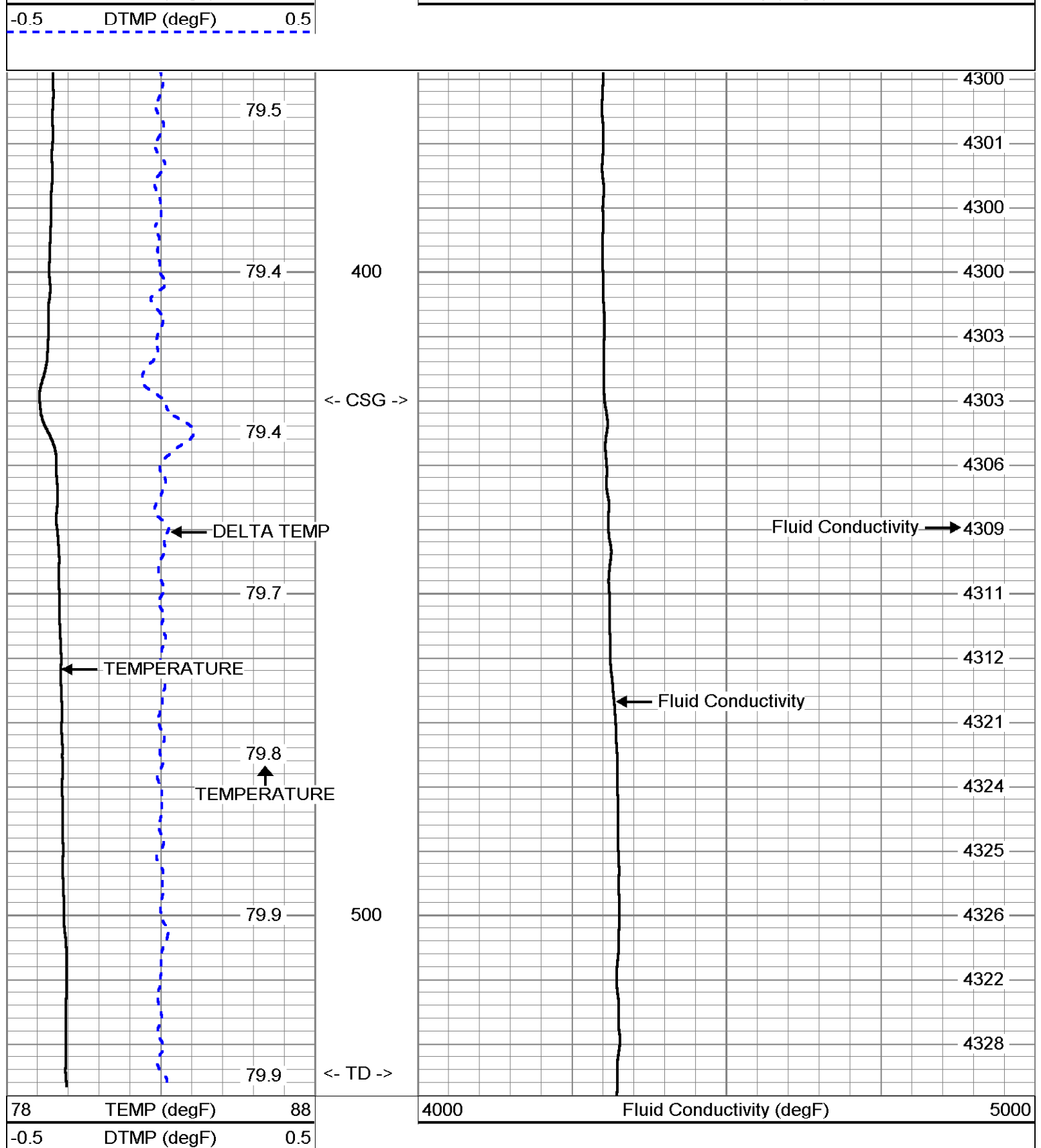
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## Comments

STATIC and DYNAMIC DOWN passes were performed.  
Cw=4303 uS/cm @ 79.4 degF (Dynamic Sample). Q = ~460 gpm.  
FLUID RESISTIVITY CALIBRATION REPORT (Performed: 16-JAN-05 10:00)  
OHM-M CPS  
821.4 4403.32  
1526.5 3893.21  
3316.3 3568.53  
TEMPERATURE CALIBRATION REPORT (Performed: 16-JAN-05 10:45)  
DEG-F CPS  
35.9 2349.44  
145.9 6956.74

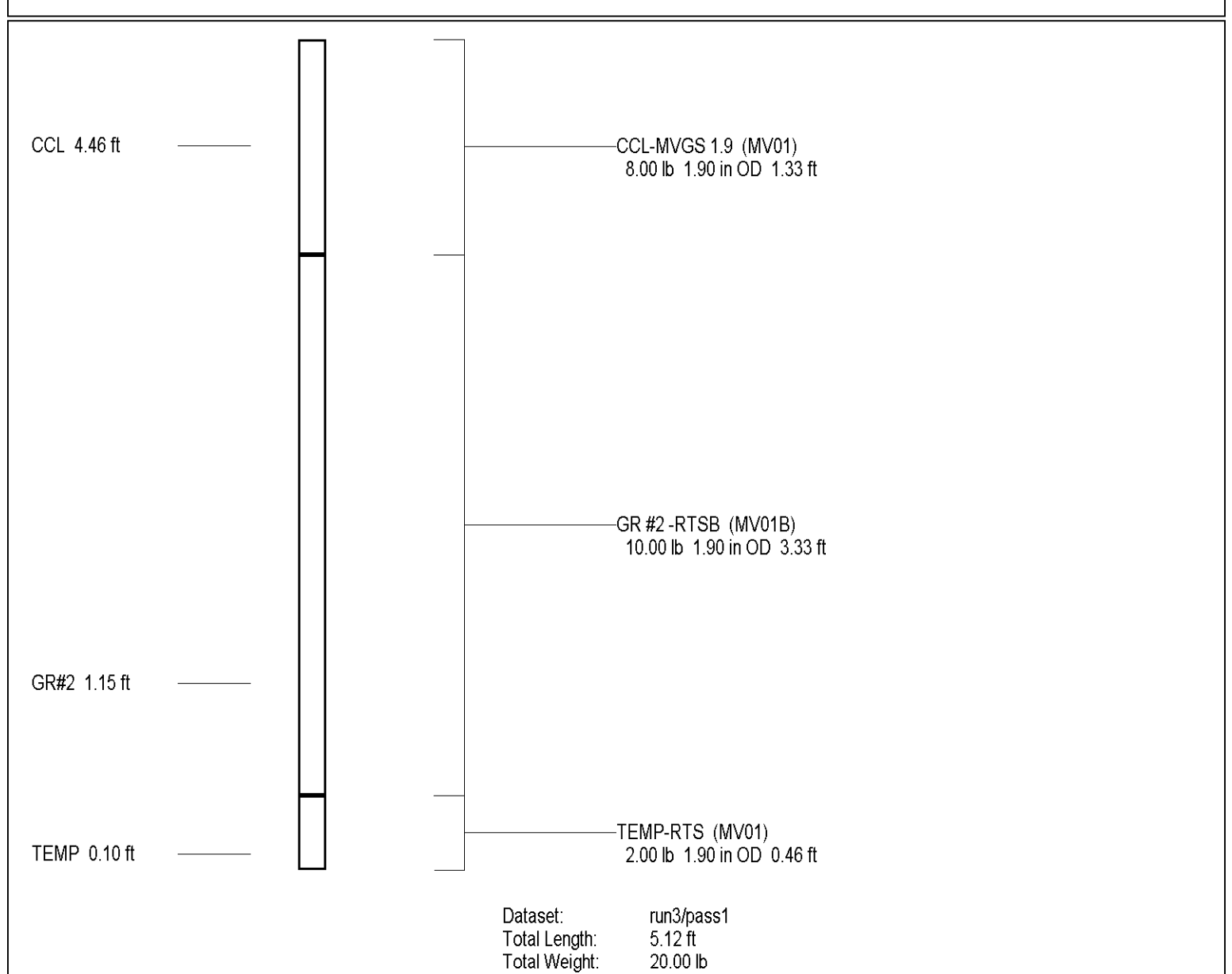
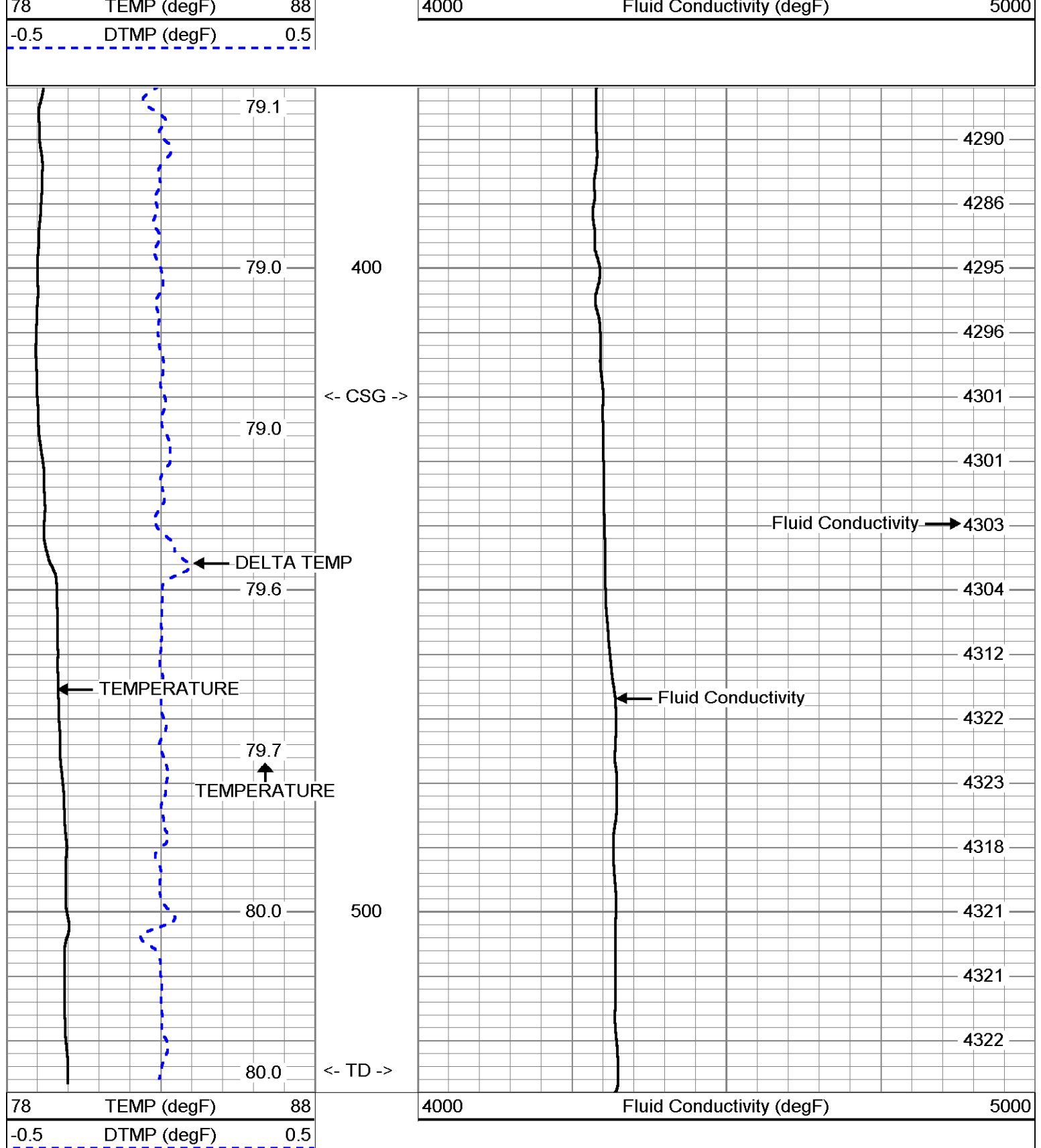
# MV Geophysical DYNAMIC FCT DOWN

Database File: ncr-115.db  
Dataset Pathname: run3/dfct  
Presentation Format: FCT116  
Dataset Creation: Tue Jan 25 14:13:11 2005  
Charted by: Depth in Feet scaled 1:240



# MV Geophysical STATIC FCT DOWN

Database File: ncr-115.db  
Dataset Pathname: run3/SFCT  
Presentation Format: FCT116  
Dataset Creation: Wed Jan 19 09:04:16 2005  
Charted by: Depth in Feet scaled 1:240



Company: Diversified Drilling Corp.		Well: RO-115		Company: Diversified Drilling Corporation	
Field: Naples		County: Collier		Well: RO-115	
State/Prv: Florida		Location: Vanderbilt Road Extension North Collier Regional WTP		Field: Naples	
County: Collier		State/Prv: Florida		County: Collier	
Permanent Datum: G.L.		Elevation: G.L.		Other Services: A/GRS, D/LSP, FCT	
Log Measured From: G.L.		Elevation: G.L.		Date: 25-JAN-2005	
Drilling Measured From: G.L.		Elevation: G.L.		Run Number: THREE	
Date: 25-JAN-2005		Depth Driller: 525'		Bottom Logger: 524'	
Bottom Logged Interval: 370'		Top Log Interval: 370'		Open Hole Size: 4.75"	
Type Fluid: WATER		Density / Viscosity: 8.33 / 10.00		Max. Record Temp: 100.00	
Estimated Cement Top: 12.00		Time Used / Bottom: 12.00 / 125.00		Equipment Number: 1220 / 125.00	
Recorder: S. Miller		Recorded By: J. Whalley (HS)		Nate (DDC)	
Witnessed By: J. Whalley (HS)		Tubing Record: From To		Tubing Record: From To	
Run Number: ONE		Bit From: 140'		Size: 23"	
ONE		SURFACE: 140'		SURFACE: 422'	
THREE		SURFACE: 14.75'		SURFACE: 420'	
Casing Record: 10 TRP		Casing String: 33.5 FT		Bottom: 430	
Surface String: 10 TRP		Surface String: 33.5 FT		Surface: 420	
Production String: 10 TRP		Production String: 33.5 FT		Production: 420	
Line: 20060712		P.O.#:		Job No.:	

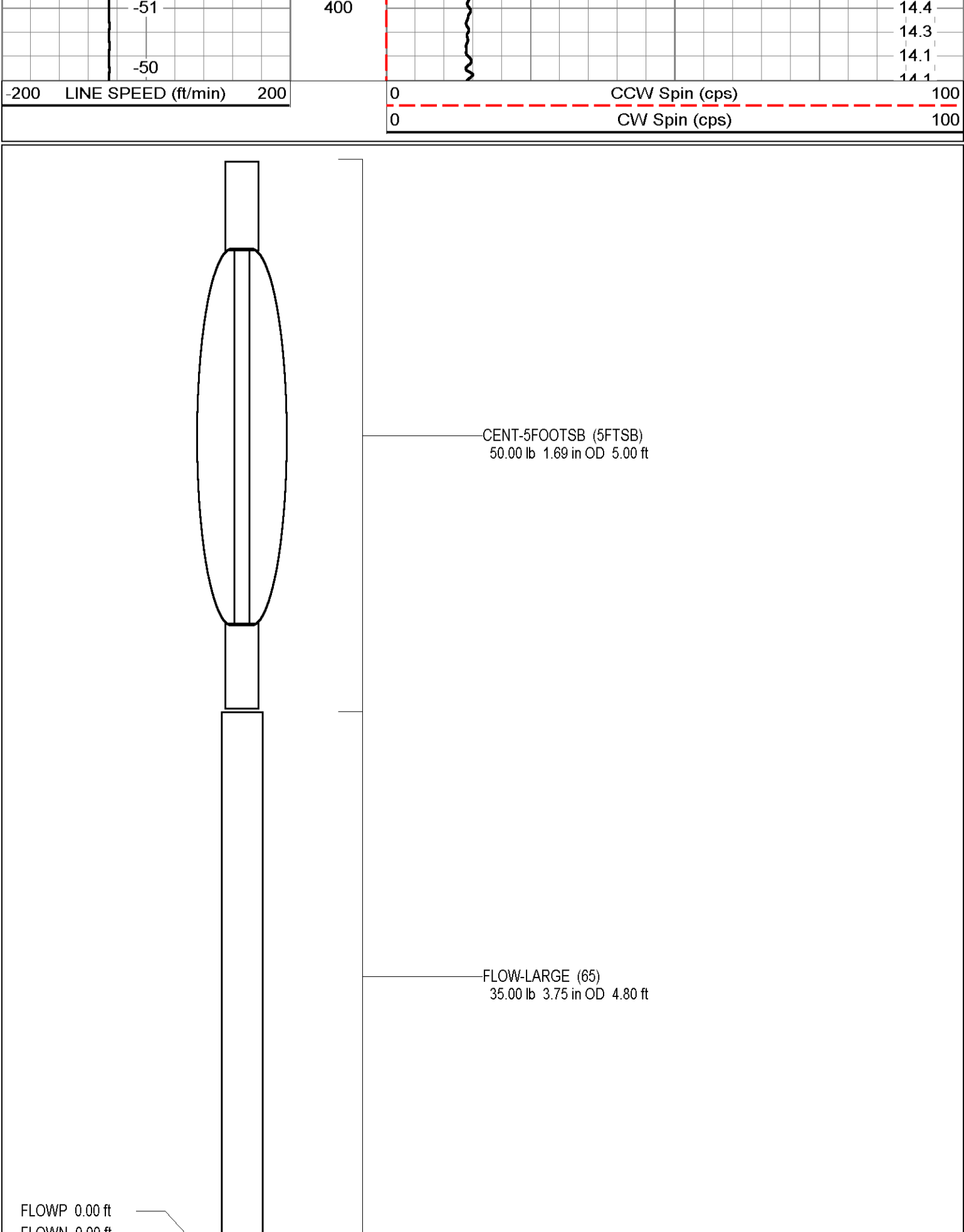
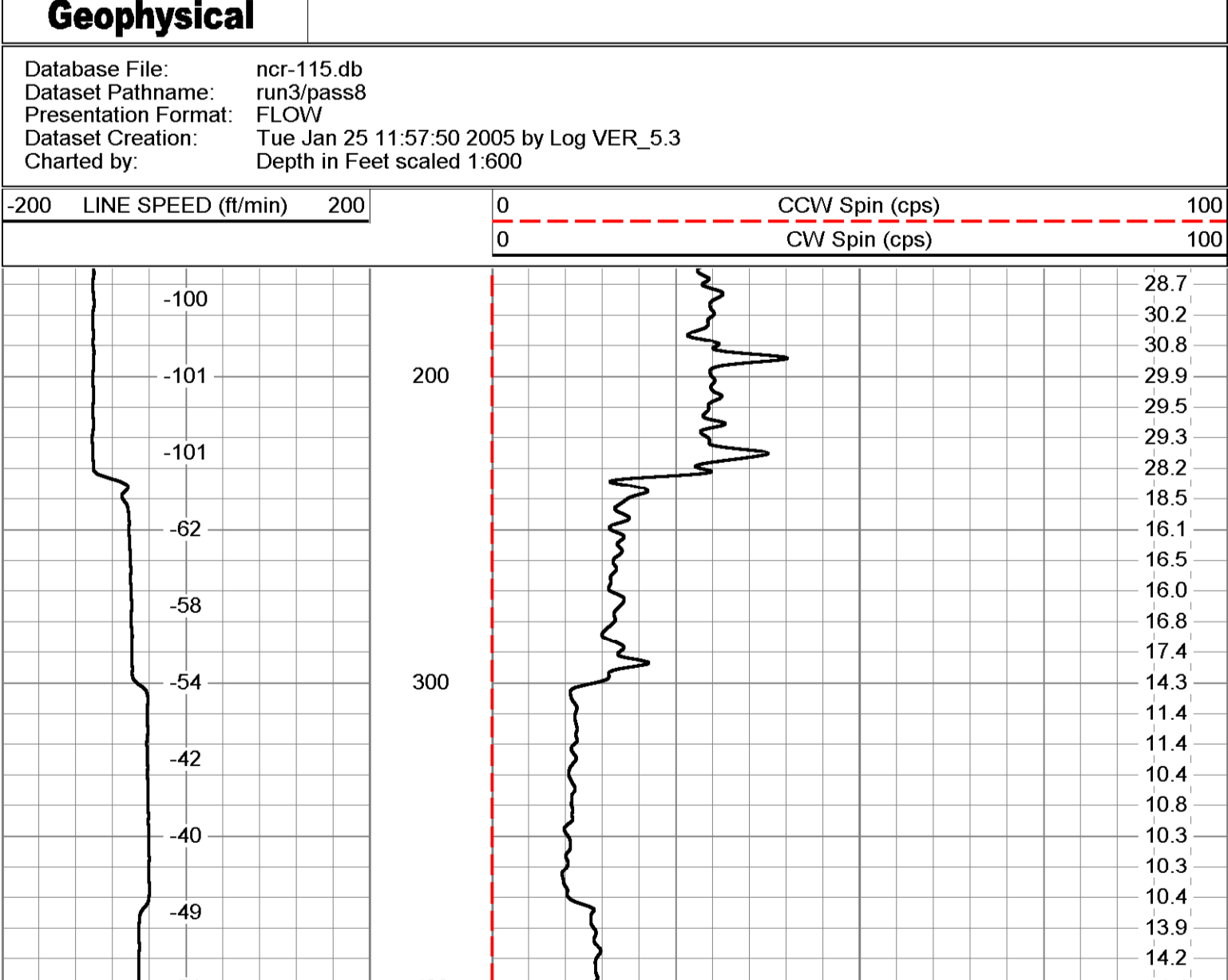
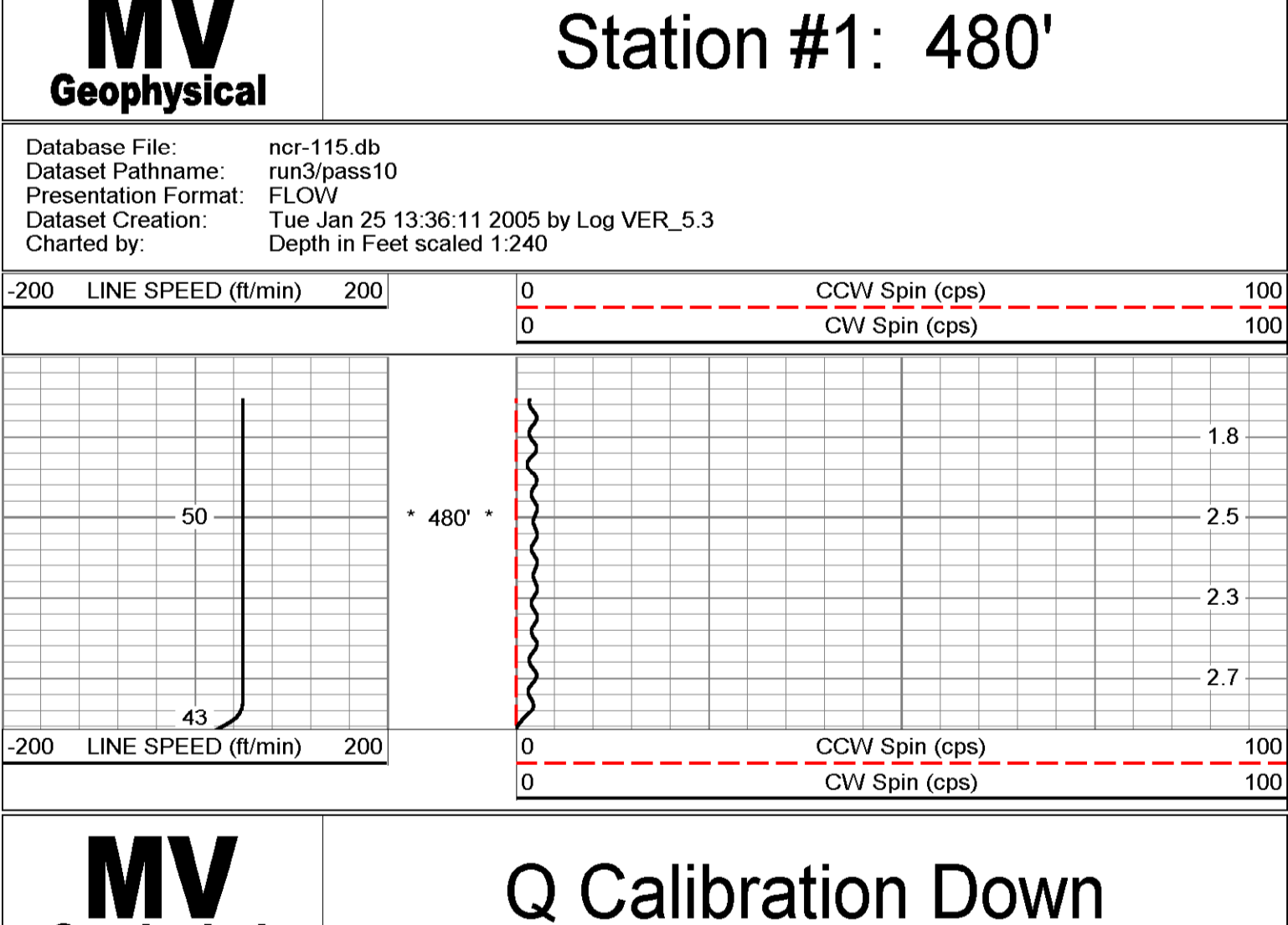
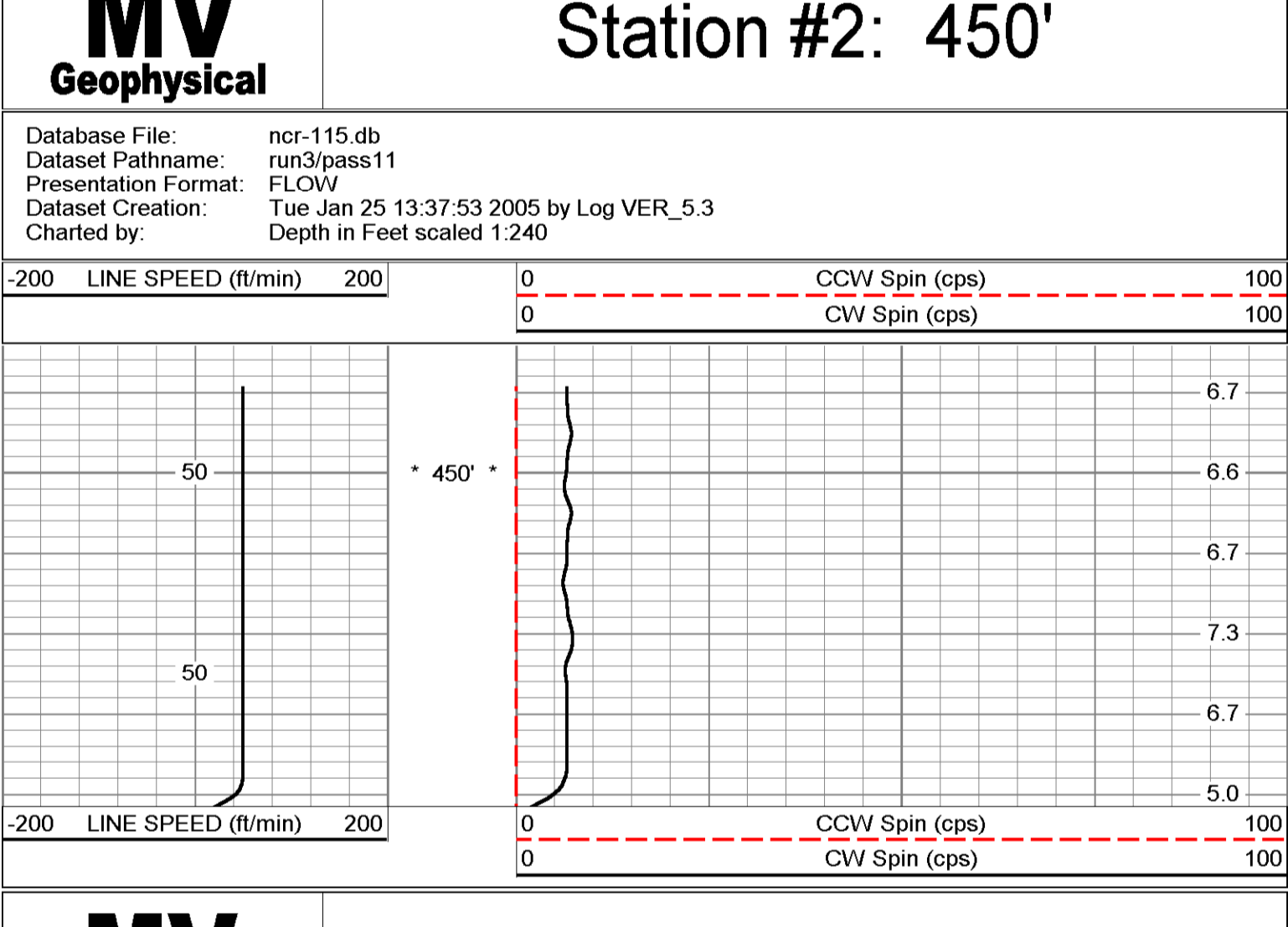
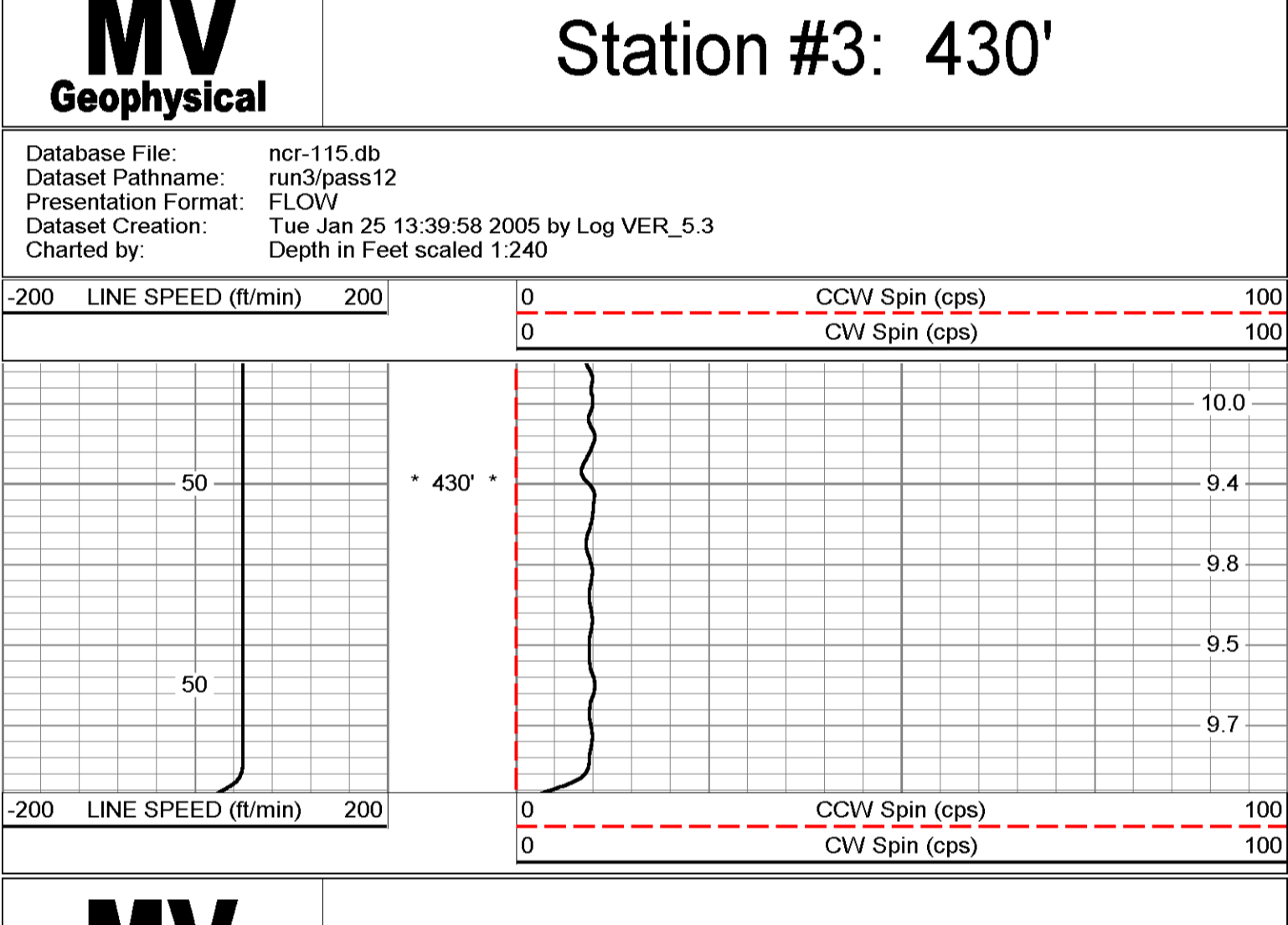
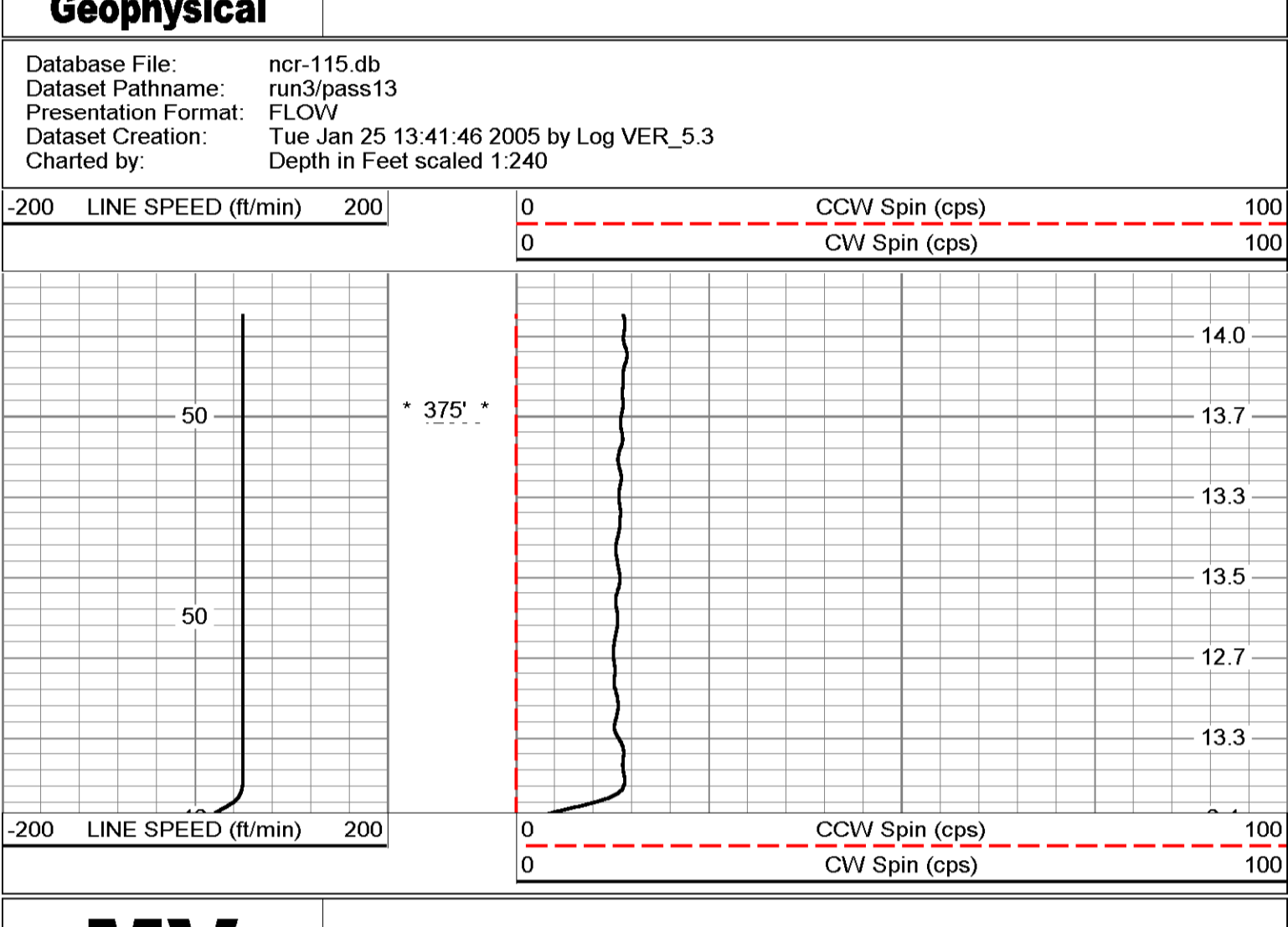
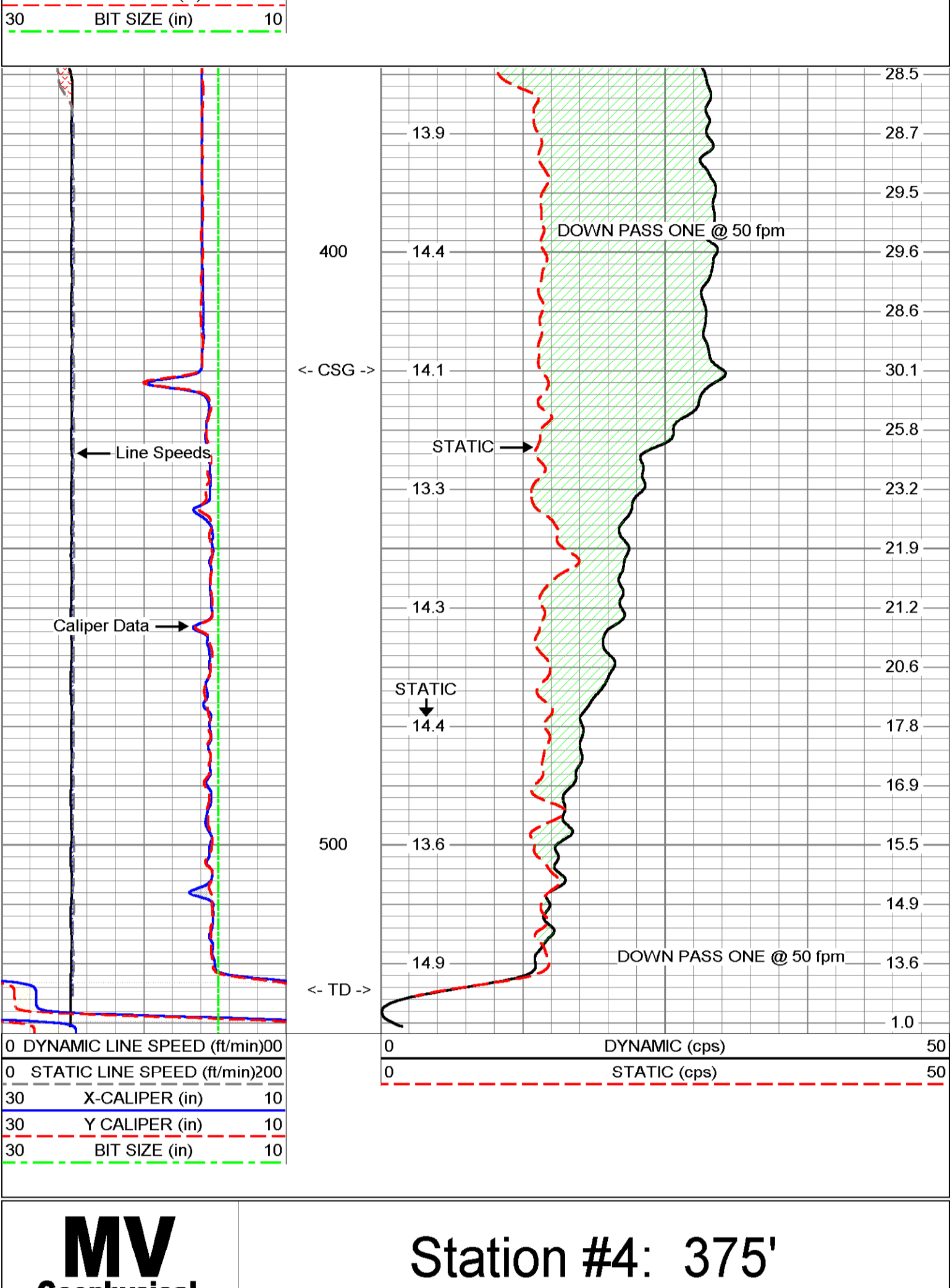
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Comments

TATIC and DYNAMIC down passes were made at 50 fpm.

4 Station was performed.

Q ≈ 460 gpm

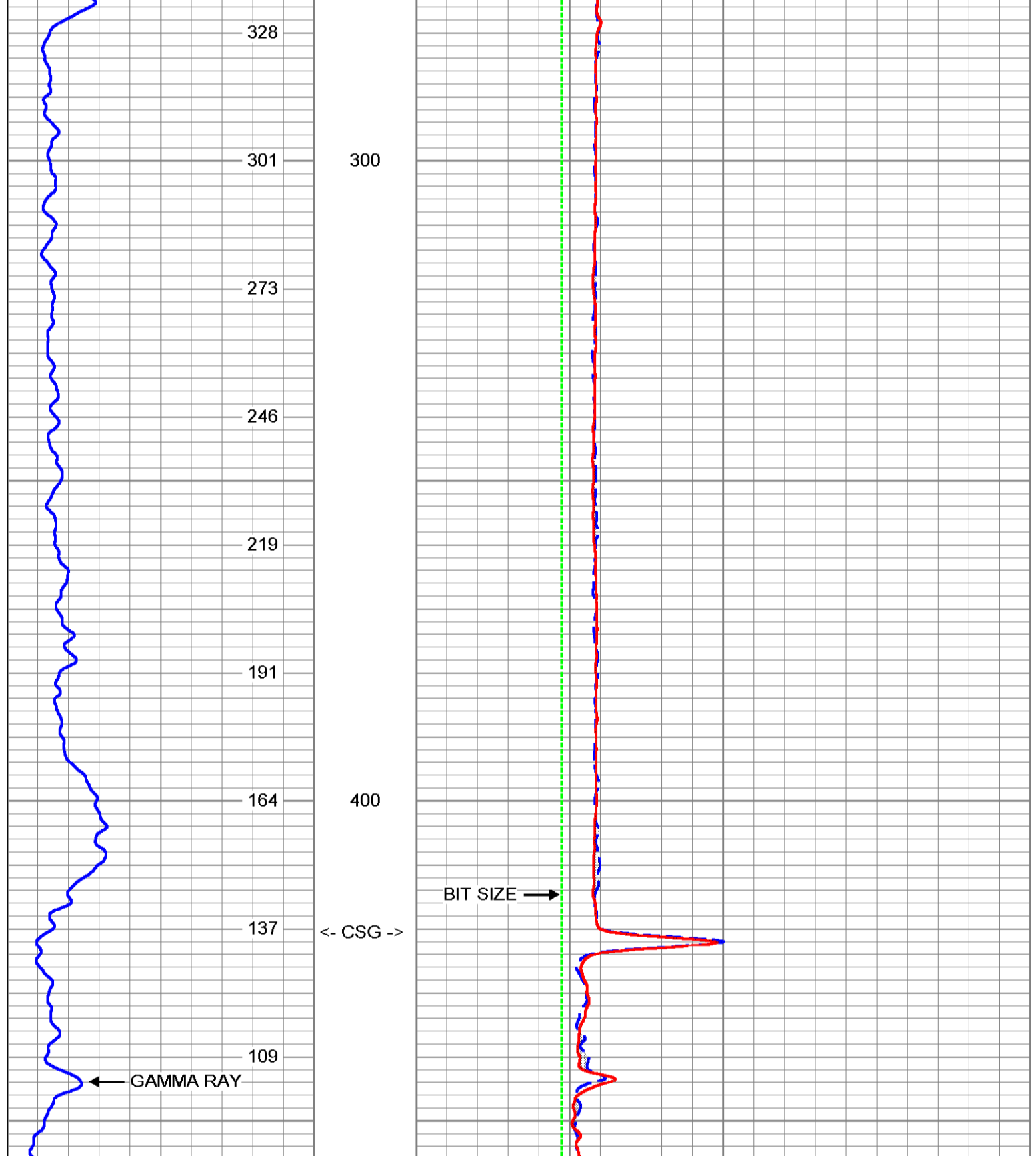
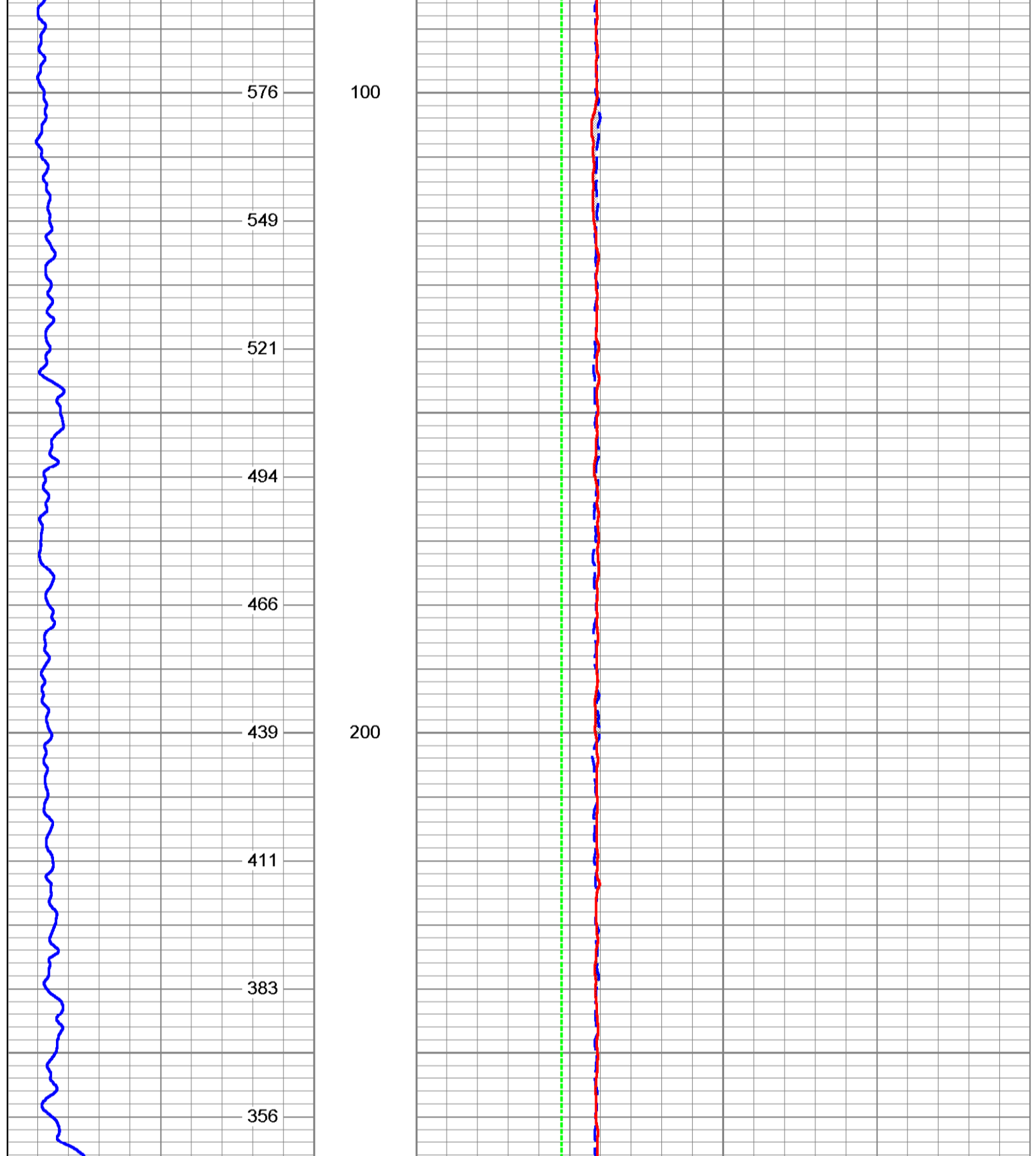
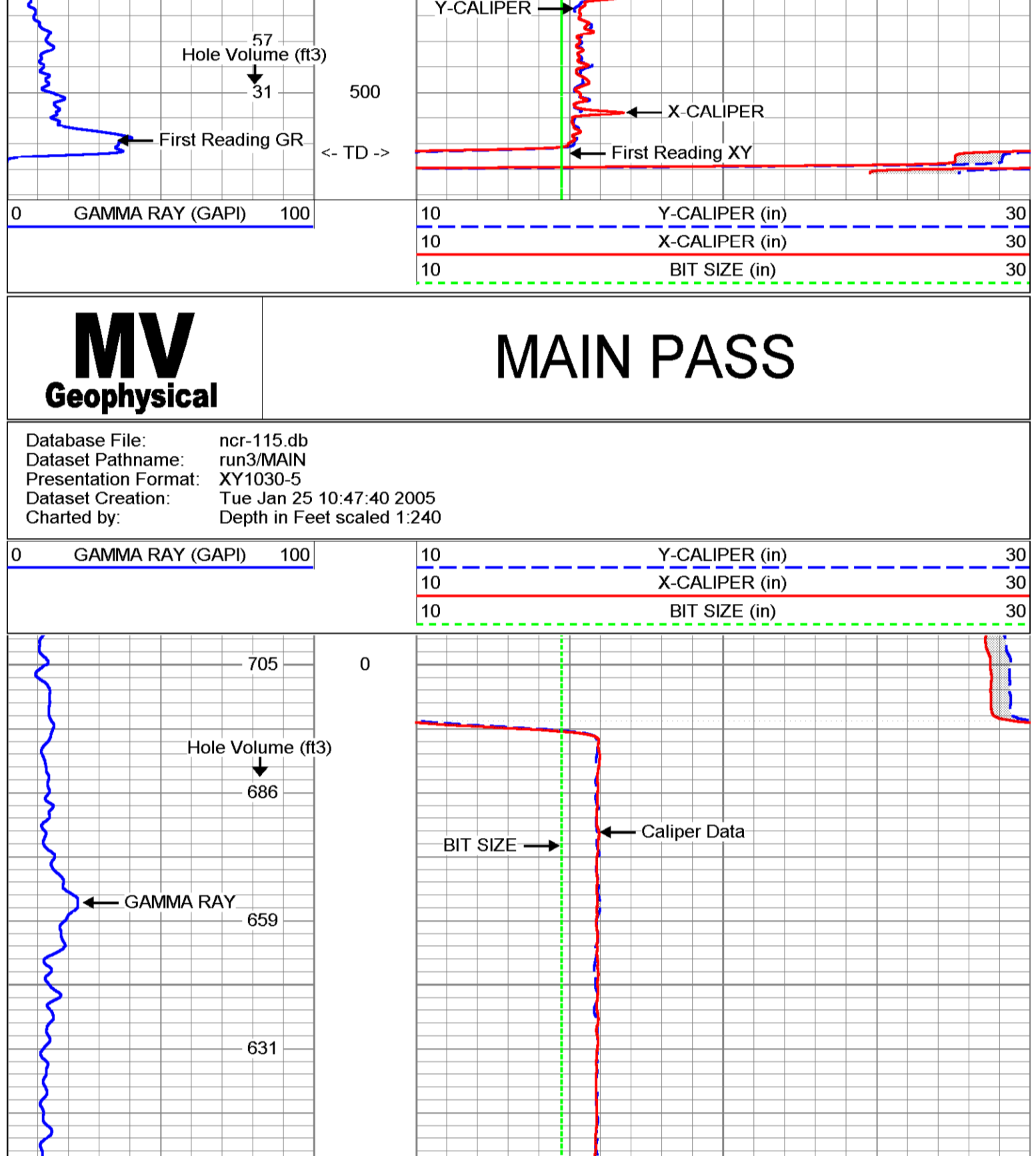
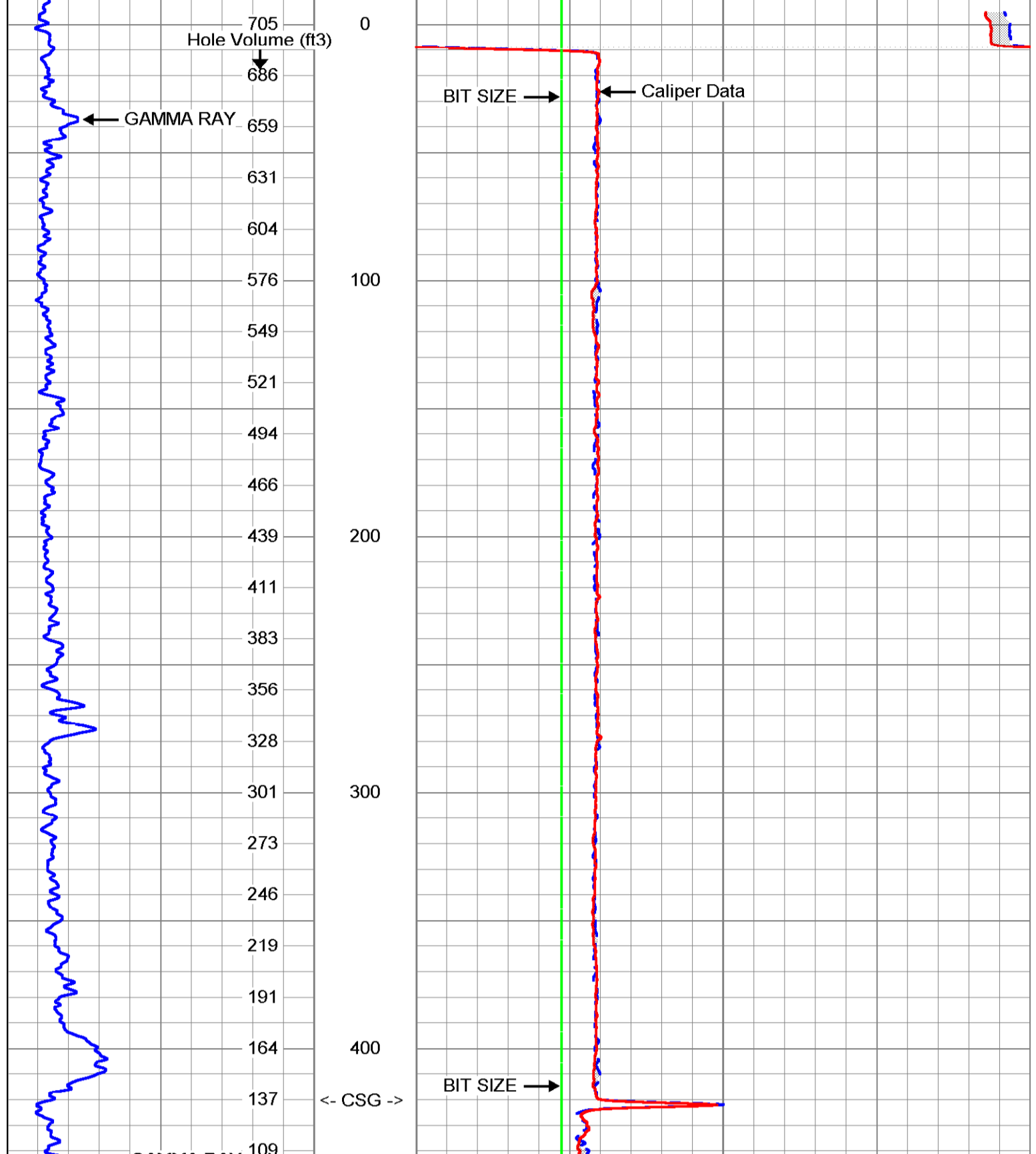
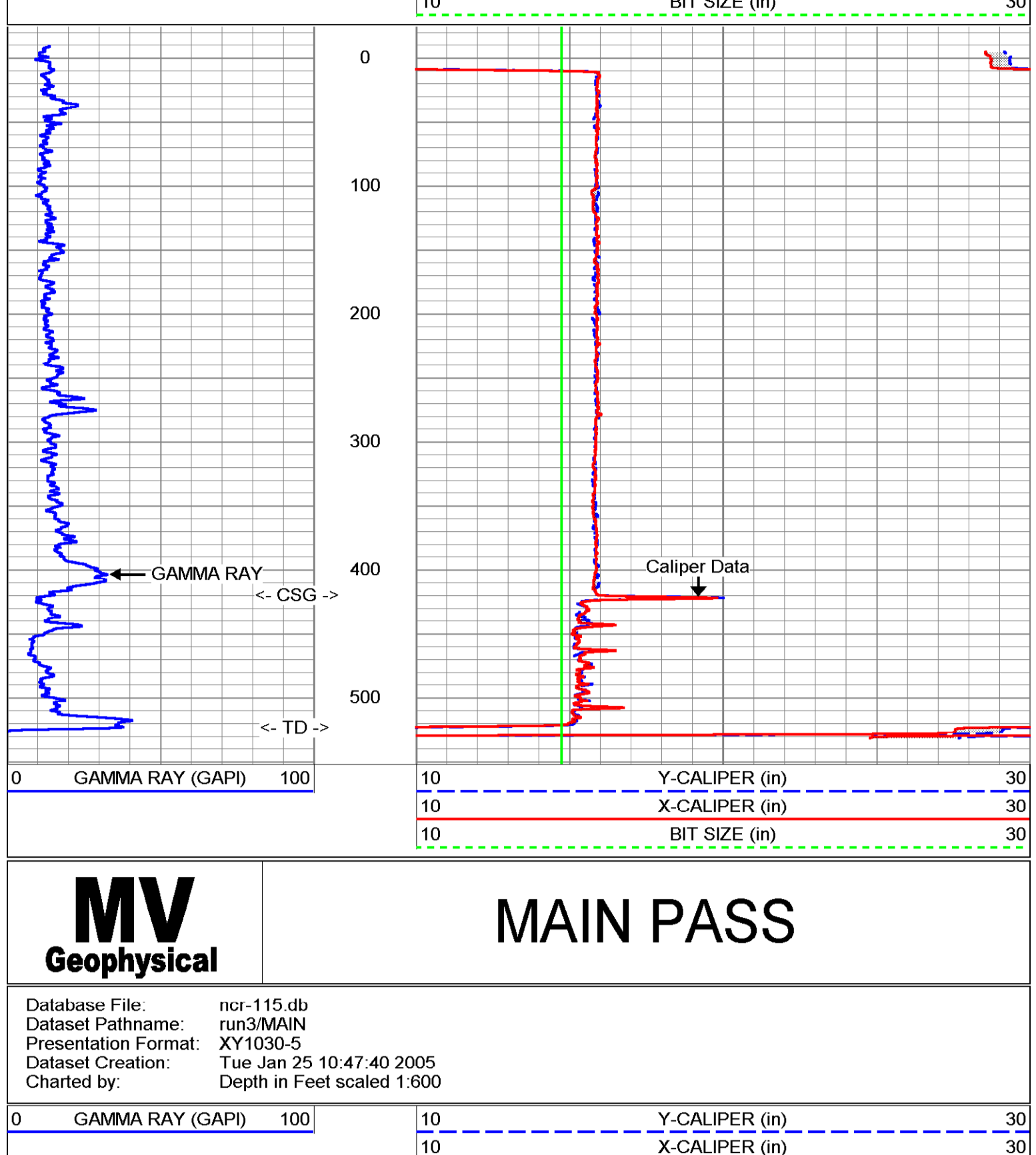


Company	Diversified Drilling Corp.	Well	RO-115	Company	Diversified Drilling Corporation
Field	Naples	County	Collier	Field	Naples
State/Ctry	Florida	County	Collier	State/Ctry	Florida
Location	Vanderbilt Road Extension North Collier Regional WTP	Location	Hazen & Sawyer, Inc.	Other Services	DJLSP FLOW
Permanent Datum	G.L.	Elevation	G.L.	Drilling Measured From	G.L.
Log Measured From	THREE	Bottom Logged Interval	52'	Open Hole Size	14.75"
Date	25-JAN-2005	Type of Recorder	VALER	Max. Recorded Temp.	NA
Run Number	THREE	Estimated Cement Top	09.00172905	Time Logger on Bottom	10.00172905
Run Date	25-JAN-2005	Equipment Name	FRS-35	Log Measured From	10.00172905
Depth	52'	Recorder By	S.Miller	Estimated Cement Top	09.00172905
Bottom Logged Interval	52'	Witnessed By	J.Walshley (HS)	Time Logger on Bottom	10.00172905
Open Hole Size	14.75"	Bit	7 1/2"	Log Measured From	10.00172905
Type of Recorder	VALER	Bit Size	7 1/2"	Estimated Cement Top	09.00172905
Max. Recorded Temp.	NA	Bit Size	7 1/2"	Log Measured From	10.00172905
Estimated Cement Top	09.00172905	Bit Size	7 1/2"	Log Measured From	10.00172905
Time Logger on Bottom	10.00172905	Bit Size	7 1/2"	Log Measured From	10.00172905
Log Measured From	10.00172905	Bit Size	7 1/2"	Log Measured From	10.00172905
Estimated Cement Top	09.00172905	Bit Size	7 1/2"	Log Measured From	10.00172905
Time Logger on Bottom	10.00172905	Bit Size	7 1/2"	Log Measured From	10.00172905
Log Measured From	10.00172905	Bit Size	7 1/2"	Log Measured From	10.00172905
Estimated Cement Top	09.00172905	Bit Size	7 1/2"	Log Measured From	10.00172905
Time Logger on Bottom	10.00172905	Bit Size	7 1/2"	Log Measured From	10.00172905

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Comments

X-Y Caliper Arm Extensions: 33"



**XY Caliper Calibration Report**

Serial Number:	01S		
Tool Model:	XYCS		
Performed:	Tue Jan 25 10:41:48 2005		
Small Ring:	15.875	in	
Large Ring:	33	in	
	X Caliper	Y Caliper	
Reading with Small Ring:	674.7	658.9	cps
Reading with Large Ring:	1046.2	1059.1	cps
Gain:	0.0460969	0.0427911	
Offset:	-15.2266	-12.3201	

**Gamma Ray Calibration Report**

Serial Number:	01	
Tool Model:	GROH	
Performed:	Tue Jan 25 10:42:07 2005	
Calibrator Value:	120	GAPI
Background Reading:	10.7151	cps
Calibrator Reading:	126.475	cps
Sensitivity:	1.03663	GAPI/cps

