



Borehole: CS-MW H-LGR

Logs: GAMMA, CALIPER, SP, RESISTIVITY

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: TO42-Camp Stanley Storage Act. Date: 09-06-02

Client: Geoprojects Int. County: Bexar

Location(GPS): State: TX

Drilling Contractor: GPI Driller T.D.: 382'

Elevation: Logger T.D.: 382'

Depth Ref: G.L. Date Drilled: 09-05-02

BIT RECORD				CASING RECORD	
RUN	BIT SIZE	FROM	TO	SIZE/WGT/THK	FROM
1	7 7/8"	0	382'	none	
2					
3					

Drill Method: Air Rotary Weight: Fluid Level: 195'

Hole Medium: Mud Type: Time Since Circ:

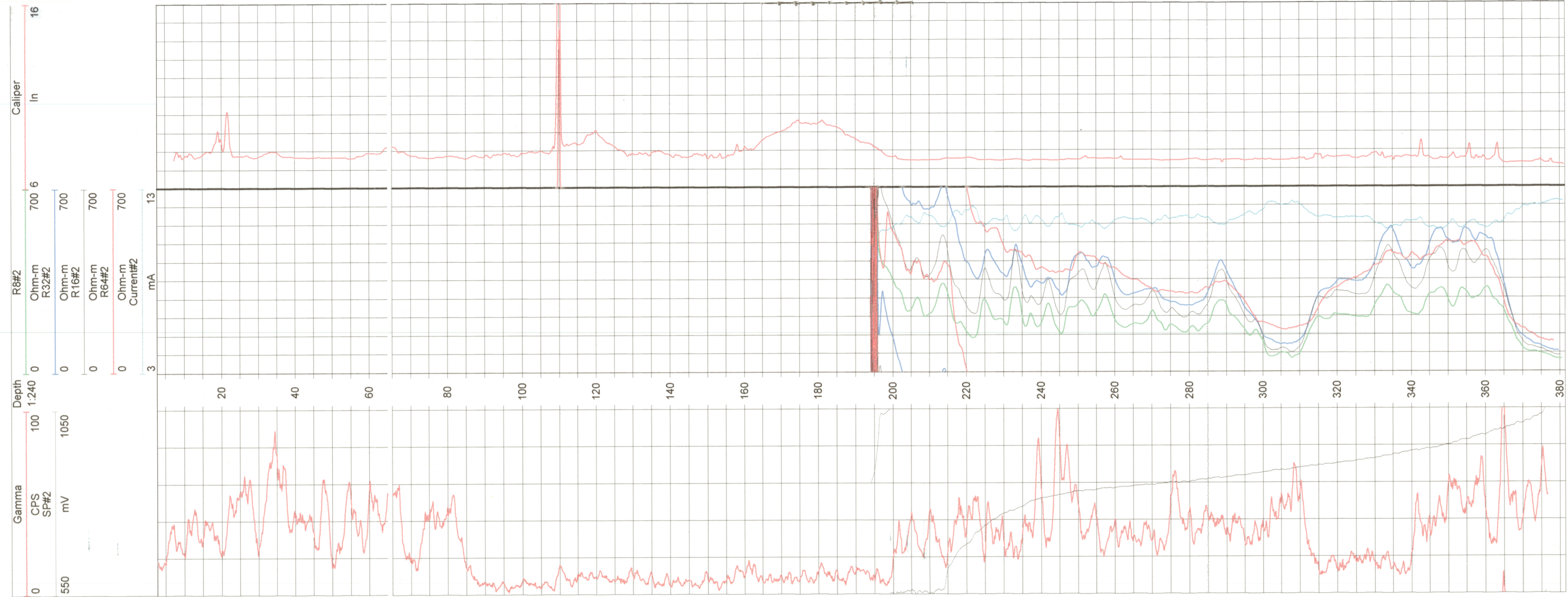
Viscosity: Rm: at: Deg C

Logged by: Michael Miller Unit/Truck: 01

Witness: Parsons Engineering

LOG TYPE	RUN NO	SPEED	FROM	TO	FT./ IN.
CALIPER	1	15'	380.5'	7'	20'
GAMMA	1	15'	376'	3'	20'
SP, RESISTIVITY	1	15'	380'	194'	20'

Comments:





Borehole: CS-MW12-CC
 BS & CC Formations
 Logs: GAMMA, CALIPER, SP,
 RESISTIVITY

Water Well Logging & Video Recording Services
 Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: TO42-Camp Stanley Storage Act. Date: 09-26-02
 Client: Geoprojects Int. County: Bexar
 Location(GPS): MW 12 State: TX

Drilling Contractor: GPI Driller T.D.: 502'
 Elevation: Logger T.D.: 502'
 Depth Ref: G.L. Date Drilled: 09-25-02

BIT RECORD				CASING RECORD	
RUN	BIT SIZE	FROM	TO	SIZE/WGT/THK	FROM
1	7 7/8"	0	372'	DRILL STEM	+5 375'
2	4"	372'	502'	NONE	
3					

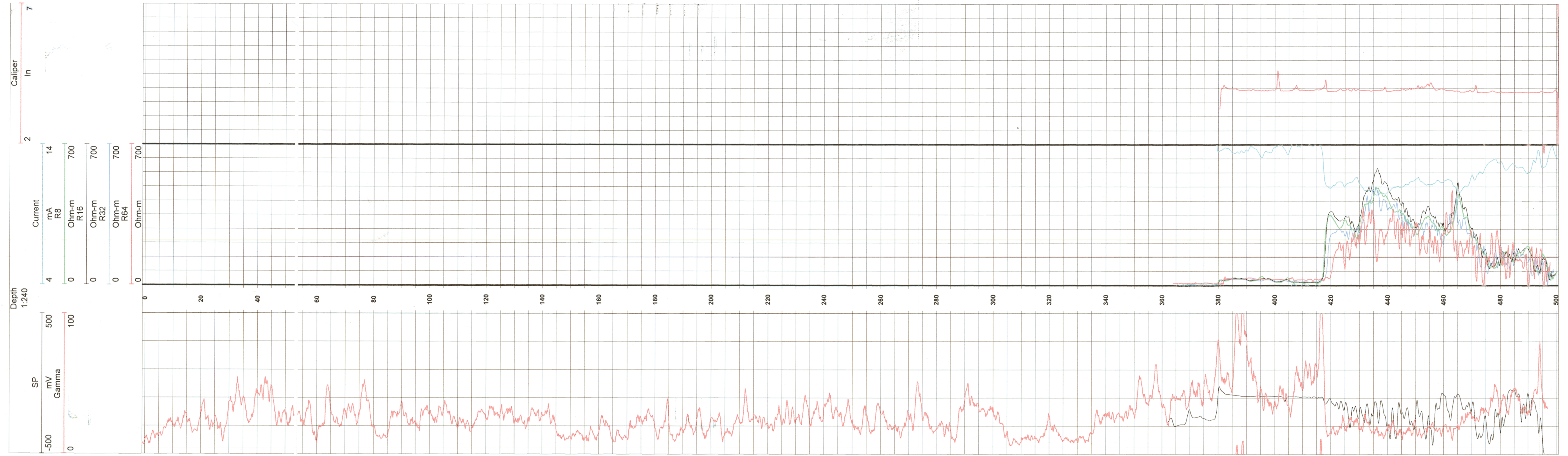
Drill Method: Air Rotary Weight: Fluid Level: NA
 Hole Medium: Mud Type: Time Since Circ:
 Viscosity: Rm: at: Deg C

Logged by: Michael Miller Unit/Truck: 01

Witness: SCOTT PEARSON

LOG TYPE	RUN NO	SPEED	FROM	TO	FT./ IN.
CALIPER	1	17'	501'	380'	20'
GAMMA	1 & 2	17'	496'	+2'	20'
SP, RESISTIVITY	1	17'	500'	380'	20'

Comments:





Borehole: CS-MW12-LGR

Logs: GAMMA, CALIPER, SP, RESISTIVITY

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: TO42-Camp Stanley Storage Act. Date: 09-12-02
 Client: Geoprojects Int. County: Bexar
 Location(GPS): MW12 State: TX

Drilling Contractor: GPI Driller T.D.: 382'
 Elevation: Logger T.D.: 382'
 Depth Ref: G.L. Date Drilled: 09-11-02

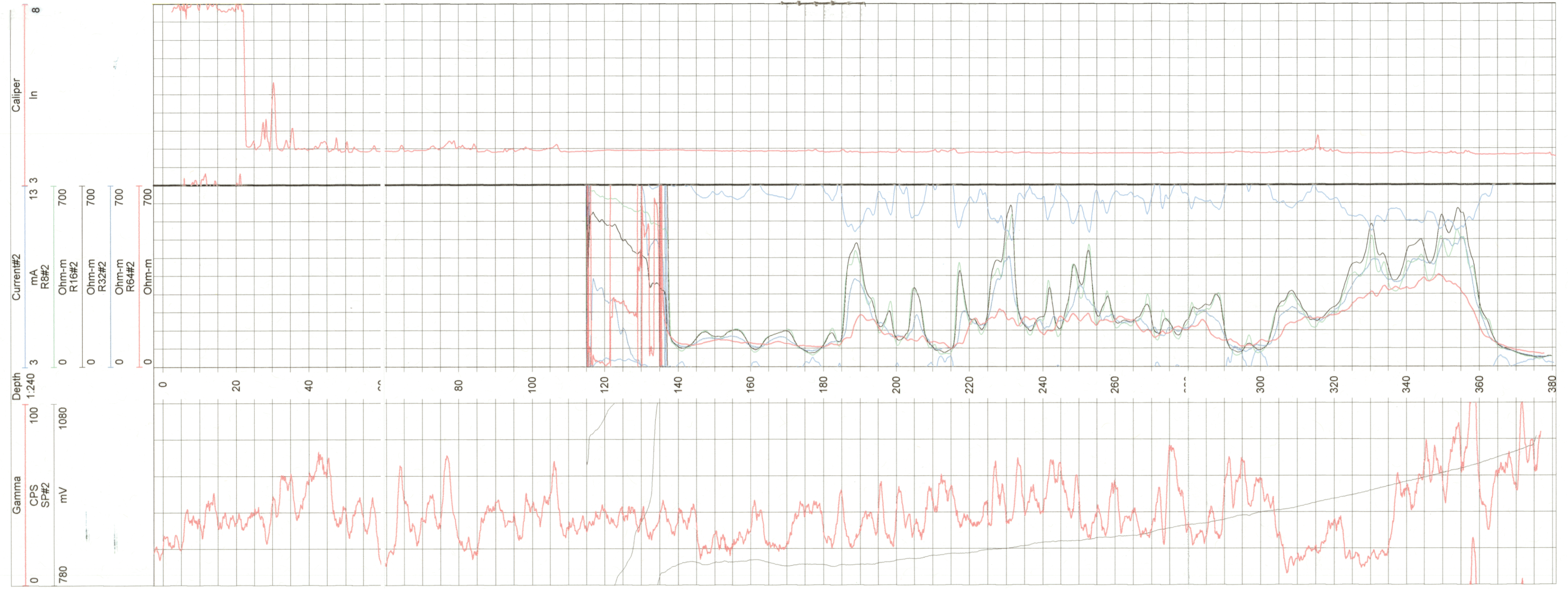
BIT RECORD				CASING RECORD	
RUN	BIT SIZE	FROM	TO	SIZE/WGT/THK	FROM
1	4"	0	382'	none	
2					
3					

Drill Method: Air Rotary Weight: Fluid Level: EST. 116'
 Hole Medium: Mud Type: Time Since Circ:
 Viscosity: Rm: at: Deg C

Logged by: Michael Miller Unit/Truck: 01

LOG TYPE	RUN NO	SPEED	FROM	TO	FT./ IN.
CALIPER	1	21'	381'	2'	20'
GAMMA	1	20'	376'	+2'	20'
SP, RESISTIVITY	1	20'	379'	115'	20'

Comments:





Borehole: CS-MW17-LGR

Logs: GAMMA, CALIPER, SP, RESISTIVITY

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: T042 -Camp Stanley Storage Act. Date: 08-15-02

Client: Geoprojects Int. County: Bexar

Location(GPS): MW17 State: TX

BOREHOLE DATA

Drilling Contractor: GPI Driller T.D.: 401'

Elevation: Logger T.D.: 401'

Depth Ref: G.L. Date Drilled: 08-15-02

BIT RECORD CASING RECORD

RUN	BIT SIZE	FROM	TO	SIZE/WGT/THK	FROM
1	4"	0	401'	none	
2					
3					

Drill Method: Air Rotary Weight: Fluid Level: 0'

Hole Medium: Mud Type: Time Since Circ:

Viscosity: Rm: at: Deg C

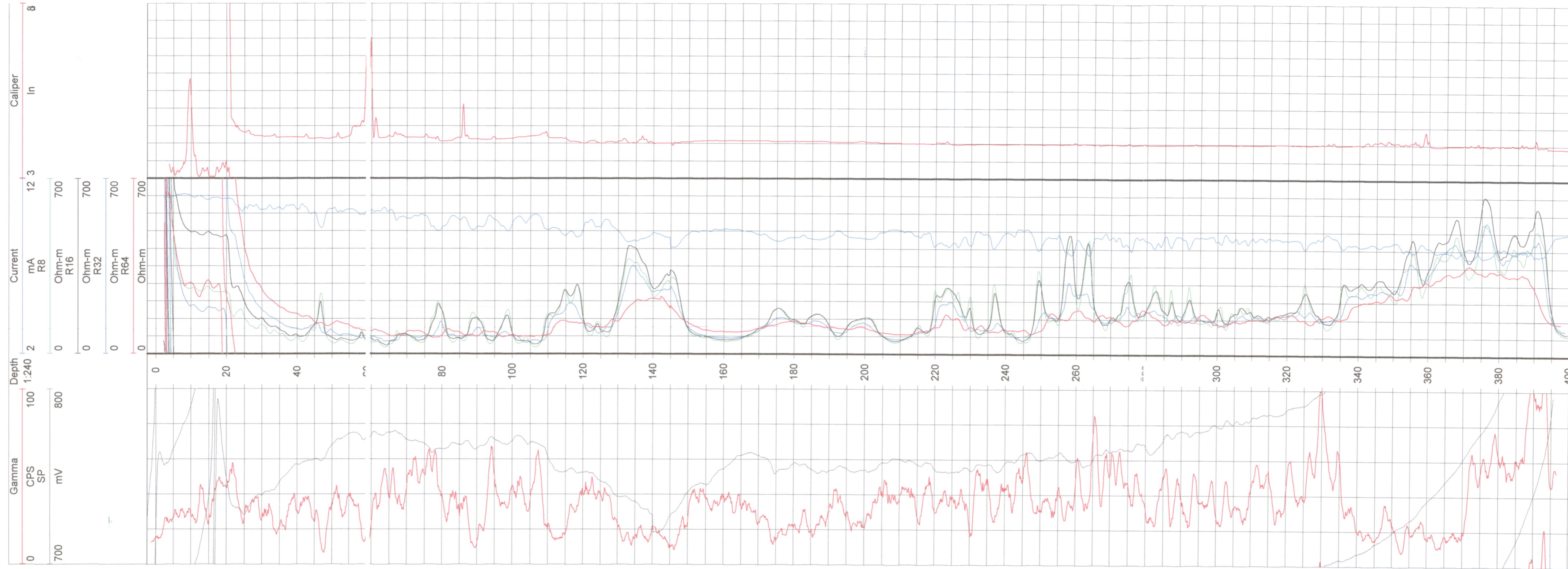
GENERAL DATA

Logged by: Michael Miller Unit/Truck: 01

Witness: Parsons Engineering

LOG TYPE	RUN NO	SPEED	FROM	TO	FT./IN.
CALIPER	1	15'	400'	4'	20'
GAMMA	1	15'	396'	0'	20'
SP, RESISTIVITY	1	15'	399'	3'	20'

Comments:





Borehole: CS-MW18-LGR

Logs: GAMMA, CALIPER, SP, RESISTIVITY

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: TO42 -Camp Stanley Storage Act. Date: 07-23-02

Client: Geoprojects Int. County: Bexar

Location(GPS): State: TX

Drilling Contractor: GPI Driller T.D.: 422'
Elevation: Logger T.D.: 422'
Depth Ref: G.L. Date Drilled: 07-23-02

BIT RECORD				CASING RECORD	
RUN	BIT SIZE	FROM	TO	SIZE/WGT/THK	FROM
1	4"	0	422'	none	
2					
3					

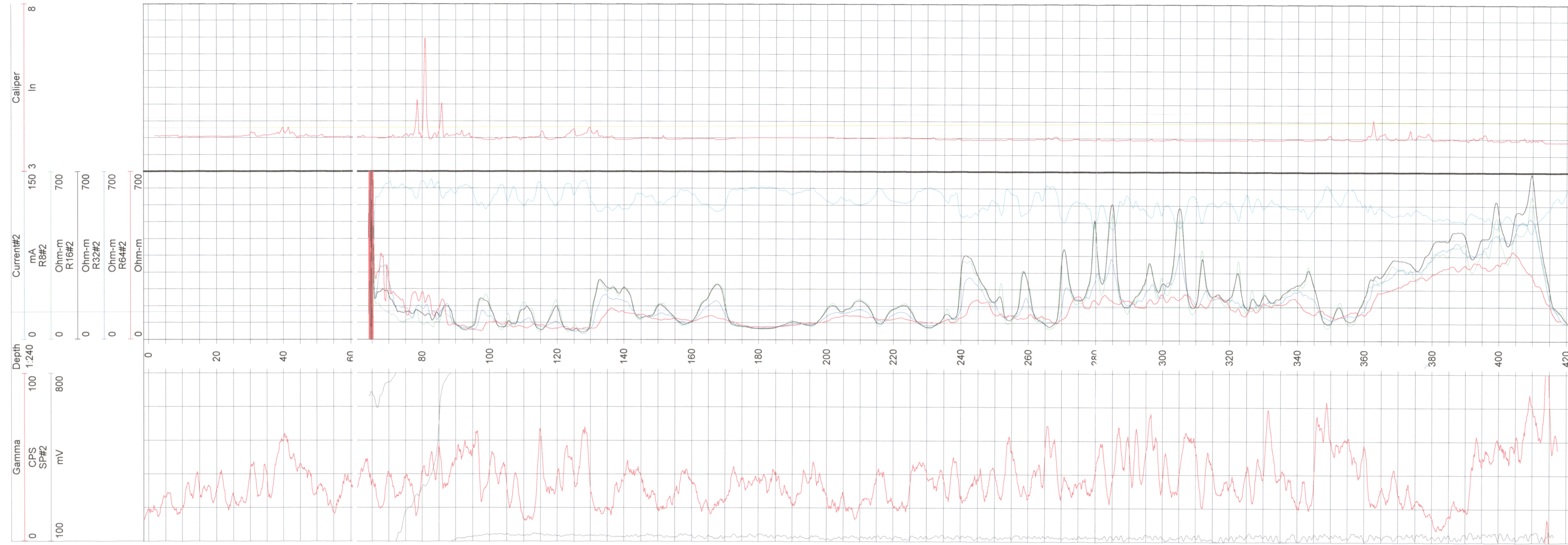
Drill Method: Air Rotary Weight: Fluid Level: NONE
Hole Medium: Mud Type: Time Since Circ:
Viscosity: Rm: at: Deg C

Logged by: Michael Miller Unit/Truck: 01

Witness: Parsons Engineering

LOG TYPE	RUN NO	SPEED	FROM	TO	FT./IN.
CALIPER	1	15'	421'	2'	20'
GAMMA	1	15'	416'	0'	20'
SP, RESISTIVITY	1	15'	420'	64'	20'

Comments:





Borehole: CS-MW19-LGR
 Logs: GAMMA, CALIPER, SP, RESISTIVITY

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: TO42-Camp Stanley Storage Act. Date: 08-02-02
 Client: Geoprojects Int. County: Bexar
 Location(GPS): State: TX

Drilling Contractor: GPI Driller T.D.: 382'
 Elevation: Logger T.D.: 380'
 Depth Ref: G.L. Date Drilled: 08-02-02

BIT RECORD				CASING RECORD	
RUN	BIT SIZE	FROM	TO	SIZE/WGT/THK	FROM
1	4"	0	382'	none	
2					
3					

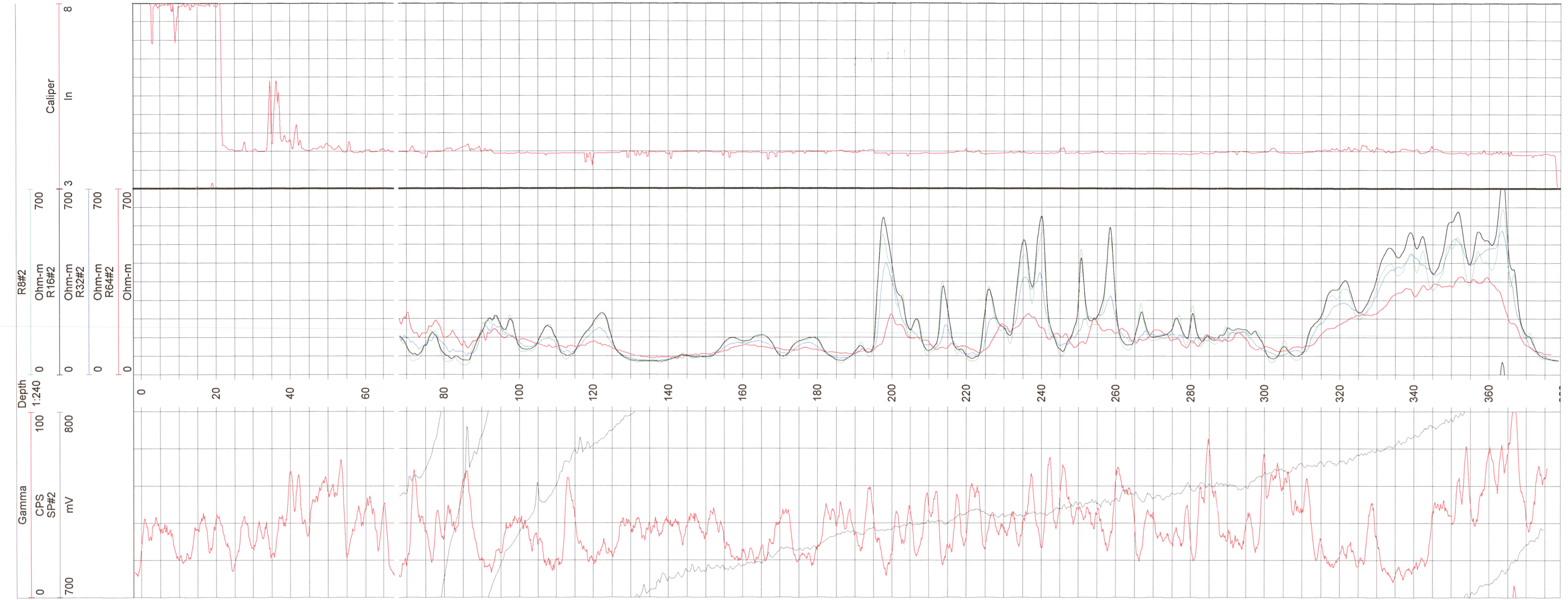
Drill Method: Air Rotary Weight: Fluid Level: 71'
 Hole Medium: Mud Type: Time Since Circ:
 Viscosity: Rm: at: Deg C

Logged by: Michael Miller Unit/Truck: 01

Witness: Parsons Engineering- SCOTT PEARSON

LOG TYPE	RUN NO	SPEED	FROM	TO	FT. / IN.
CALIPER	1	15'	379'	2'	20'
GAMMA	1	15'	376'	0'	20'
SP, RESISTIVITY	1	15'	379'	68'	20'

Comments:





Borehole: CS-MW1-CC-FINAL

Logs: GAMMA, CALIPER, SP, RESISTIVITY

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: TO42 - Camp Stanley Storage Act. Date: 12-19-02

Client: Geoprojects Int. County: Bexar

Location(GPS): MW1 State: TX

Drilling Contractor: GPI Driller T.D.: 472'
Elevation: Logger T.D.: 472'
Depth Ref: G.L. Date Drilled: 12-18-02

BIT RECORD				CASING RECORD	
RUN	BIT SIZE	FROM	TO	SIZE/WGT/THK	FROM
1	4"	0	324'		
2	8"	324'	352'		
3	4.25"	352'	472'		

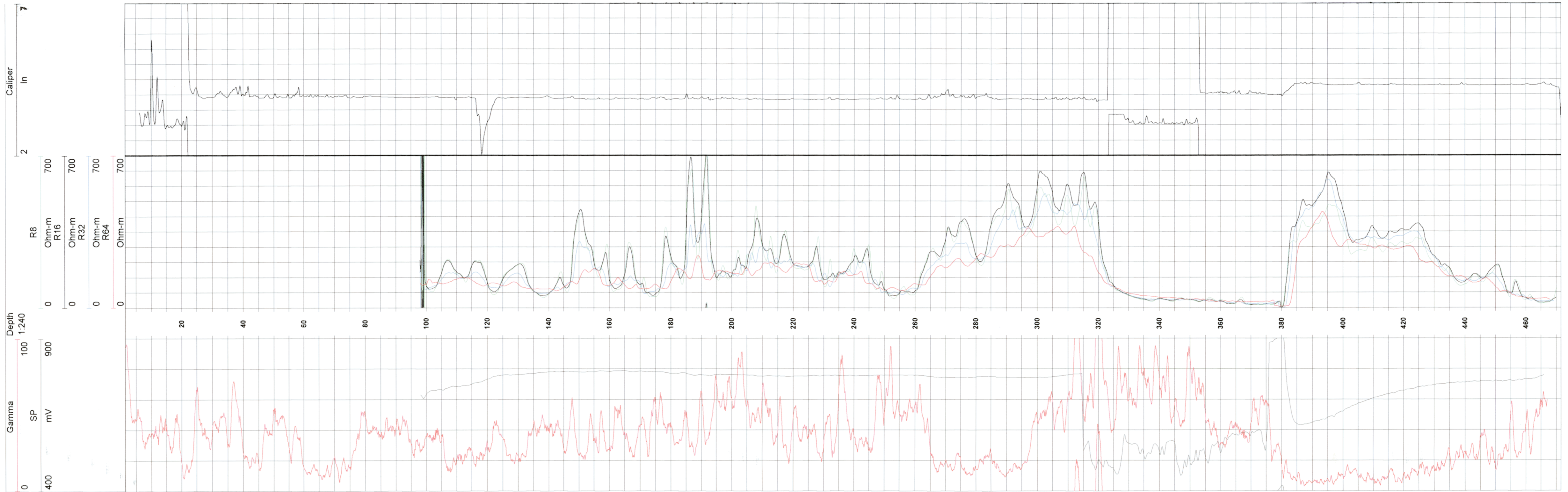
Drill Method: Air Rotary Weight: Fluid Level: NA
Hole Medium: Mud Type: Time Since Circ:
Viscosity: Rm: at: Deg C

Logged by: Michael Miller Unit/Truck: 01

Witness: ERIC TENNYSON

LOG TYPE	RUN NO	SPEED	FROM	TO	FT./ IN.
CALIPER		15'	371'	6'	20'
GAMMA		15'	367'	2'	20'
SP, RESISTIVITY		15'	370'	98'	20'

Comments:





Borehole: CS-MW2-CC

Logs: GAMMA, CALIPER, SP, RESISTIVITY

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: TO42-Camp Stanley Storage Act. Date: 03-05-03

Client: Geoprojects Int. County: Bexar

Location(GPS): MW2 FINAL State: TX

Drilling Contractor: GPI Driller T.D.: 492'

Elevation: Logger T.D.: 492'

Depth Ref: G.L. Date Drilled: 03-05-03

BIT RECORD				CASING RECORD		
RUN	BIT SIZE	FROM	TO	SIZE/WGT/THK	FROM	TO
1	NA	0	361'	12"	+2'	357'
2	4.25"	361'	492'	COREHOLE		
3						

Drill Method: Air Rotary Weight: Fluid Level: NA

Hole Medium: Mud Type: Time Since Circ:

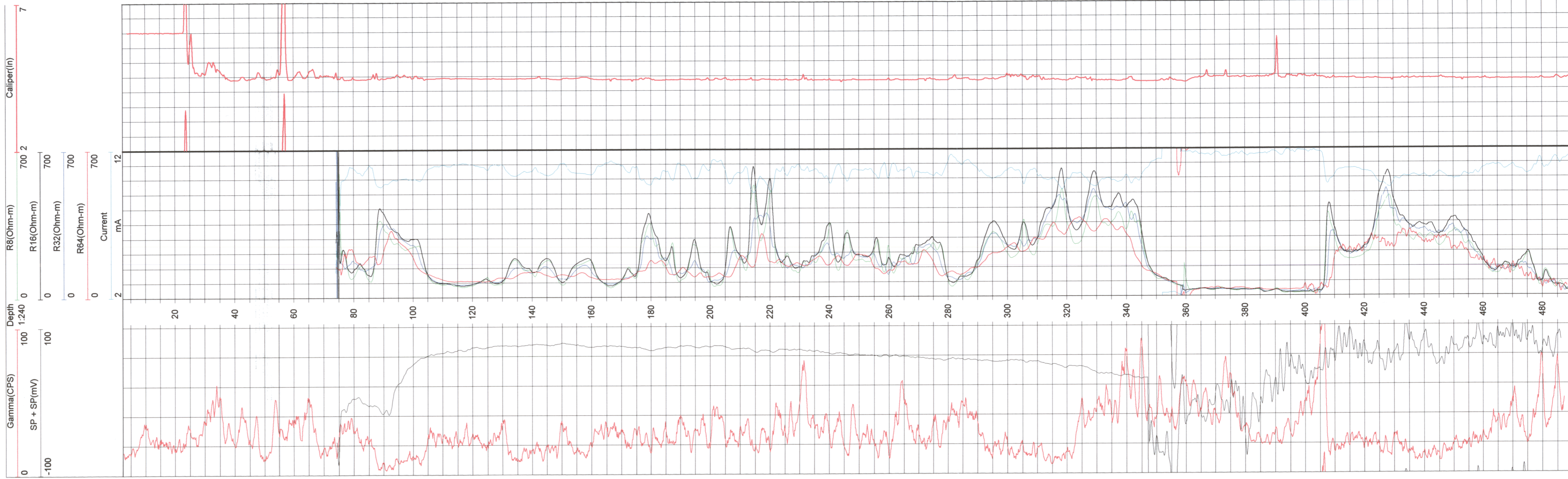
Viscosity: Rm: at: Deg C

Logged by: Michael Miller Unit/Truck: 01

Witness: ERIC TENNYSON

LOG TYPE	RUN NO	SPEED	FROM	TO	FT. / IN.
CALIPER	1	17'	491'	3'	20'
GAMMA	2	17'	487'	3'	20'
SP, RESISTIVITY	2	17'	400'	74'	20'

Comments:



GEO CAM Borehole: CS-WB04
 Logs: Gamma, SP, Resistivity Caliper
 Water Well Logging & Video Recording Services
 Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: TO 42 CAMP STANLEY Date: 07-17-03
 Client: Geoprojects Int./ PARSONS County: Bexar
 Location(GPS): N29° 40'52.4", W098° 38'02.6" State: TX

Drilling Contractor: GPI Driller T.D.: 513'
 Elevation: 1179 MSL BY GPS Logger T.D.: 512.5'
 Depth Ref: G.L. Date Drilled: 07-16-03

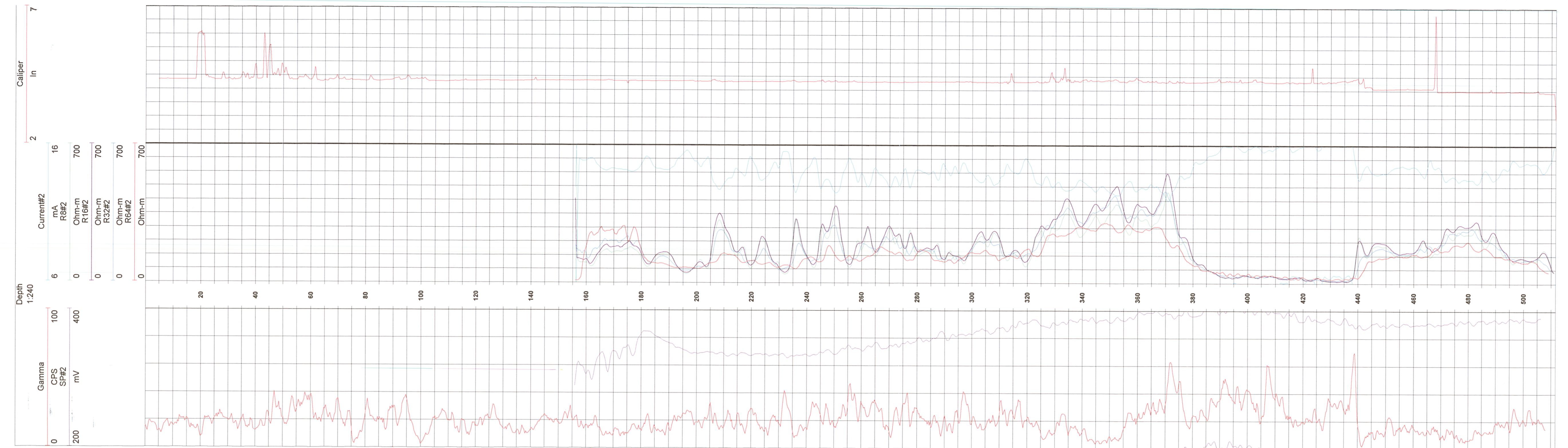
BIT RECORD				CASING RECORD		
RUN	BIT SIZE	FROM	TO	SIZE/WGT/THK	FROM	
1	4.25"	21'	445	5" SURF.	+2.2'	18'
2	4"	445	513			
3						

Drill Method: CORE Weight: Fluid Level: 157.2'
 Hole Medium: Mud Type: Time Since Circ: NA
 Viscosity: Rm: at: Deg C

Logged by: Michael Miller Unit/Truck: 01
 Witness: ERIC TENNYSON

LOG TYPE	RUN NO	SPEED	FROM	TO	FT./ IN.
Gamma	2	17ft/min	508'	0'	20'
SP, Resist	2	17ft/min	511'	156'	20'
Cal	1	17ft/min	511'	4'	20'

Comments: CORE HOLE OFF BASE.





**Borehole: MW 16 - C.C.- MERGED
BS & CC Formations**

Logs: Gamma, Res, Cal, SP

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: CSSA TO42 Date: 06-03-03
Client: GeoProjects County: Bexar
Location(GPS): MW16 - CC State: TX

BOREHOLE DATA

Drilling Contractor: Geo Projects **Driller T.D.: 473'**
 Elevation: Logger T.D.: 473'
 Depth Ref: Ground Surface Date Drilled: 05-03-03

BIT RECORD

CASING RECORD

RUN	BIT SIZE	FROM	TO	SIZE/WGT/THK	FROM	TO
1				12"	+1'	1'
2				8"	+2'	393'
3	4.25"	393'	473'	OPEN		

Drill Method: Air Rotary Weight: **Fluid Level: EST. 114'**
 Hole Medium: Mud Type: Time Since Circ:
 Viscosity: Rm: at: Deg C

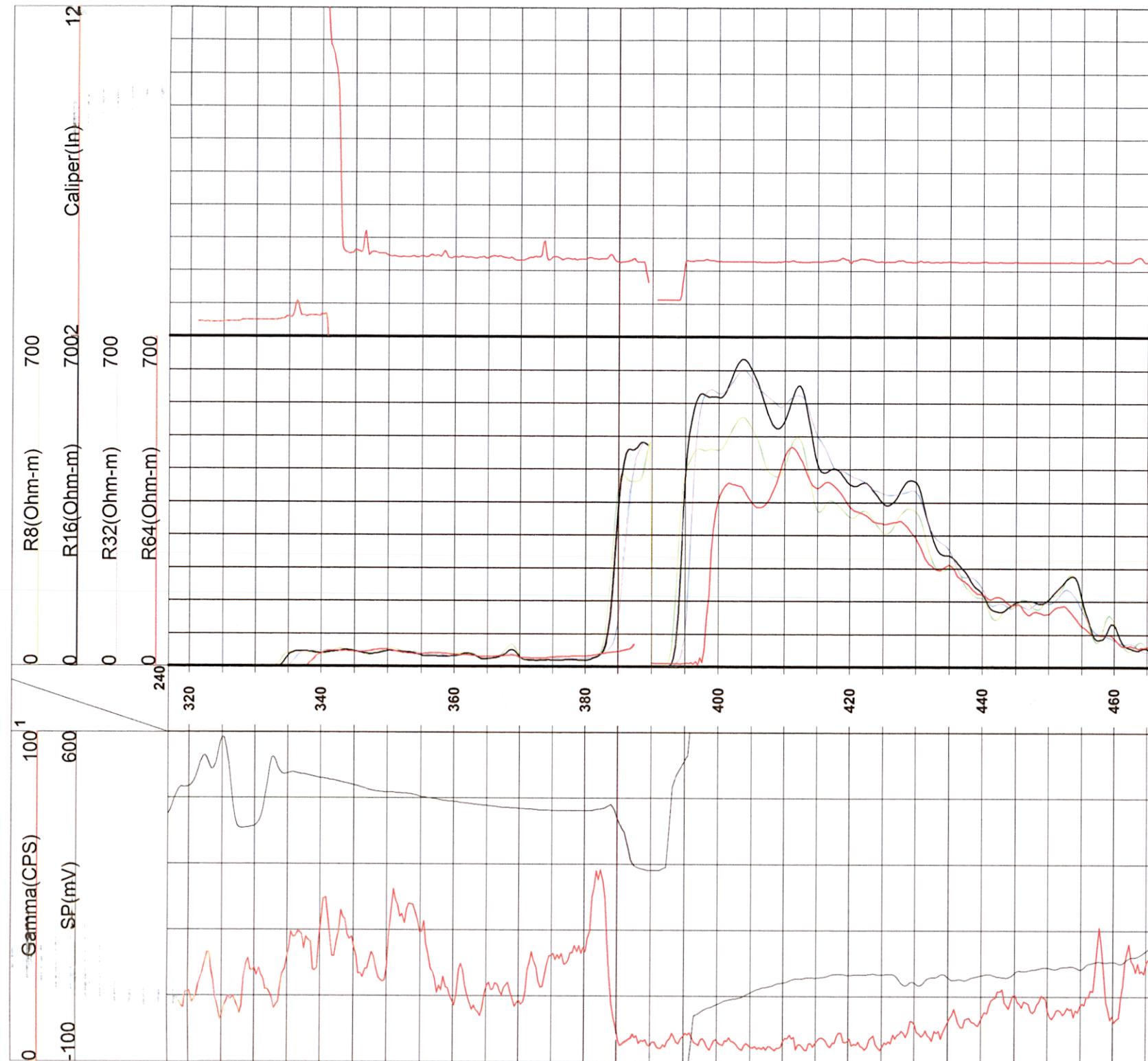
GENERAL DATA

Logged by: Edward Miller Unit/Truck: 01

Witness: Lee Gabbert, ERIC TENNYSON, MGM

LOG TYPE	RUN NO	SPEED	FROM	TO	FT./ IN.
Gamma	1	18ft/min	468'		20
Resistivity	1	18ft/min	472'		20
Caliper	2	16ft/min	472'		20

Comments:





Borehole: **MW 16 - COW CREEK**
LGR Formation
 Logs: **Gamma, Res, Cal, SP**

Water Well Logging & Video Recording Services
 Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: **CSSA TO42** Date: 04-16-03
 Client: **GeoProjects** County: Bexar
 Location(GPS): **MW16 - CC** State: TX

Drilling Contractor: **Geo Projects** Driller T.D.: **342.5'**
 Elevation: Logger T.D.: **342.4'**
 Depth Ref: **Ground Surface** Date Drilled: **04-16-03**

BIT RECORD				CASING RECORD		
RUN	BIT SIZE	FROM	TO	SIZE/WGT/THK	FROM	TO
1	7 7/8"	0	18'	10"	+1'	1'
2	4.25"	18'	343'	NONE		
3						

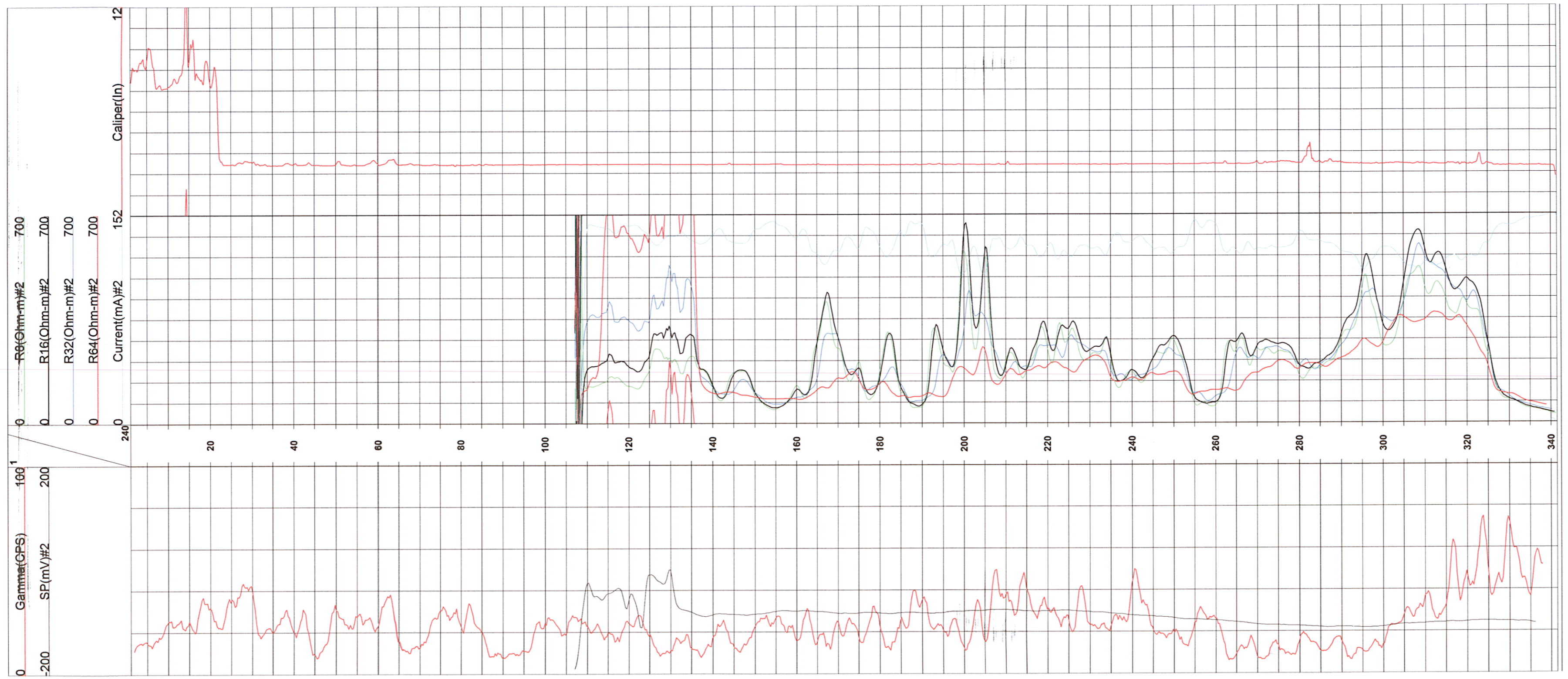
Drill Method: **Air Rotary** Weight: **Fluid Level: 110'**
 Hole Medium: **Mud Type:** Time Since Circ:
 Viscosity: Rm: at: Deg C

Logged by: **Edward Miller** Unit/Truck: **01**

Witness: **Lee Gabbert**

LOG TYPE	RUN NO	SPEED	FROM	TO	FT. / IN.
Gamma	1	18ft/min	338	2'	20
Resistivity	1	18ft/min	340	107'	20
Caliper	2	16ft/min	341'	2'	20

Comments:





Borehole: MW11A-LGR

Logs: Gamma, Res, Cal, SP

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: CSSA T042 Date: 03-28-03
Client: GeoProjects County: Bexar
Location(GPS): MW11-BS State: TX

Drilling Contractor: Geo Projects Driller T.D.: 494'
Elevation: Logger T.D.: 493'
Depth Ref: Ground Surface Date Drilled: 03-28-03

Table with BIT RECORD and CASING RECORD columns. BIT RECORD includes Run, Bit Size, From, To. CASING RECORD includes From, To.

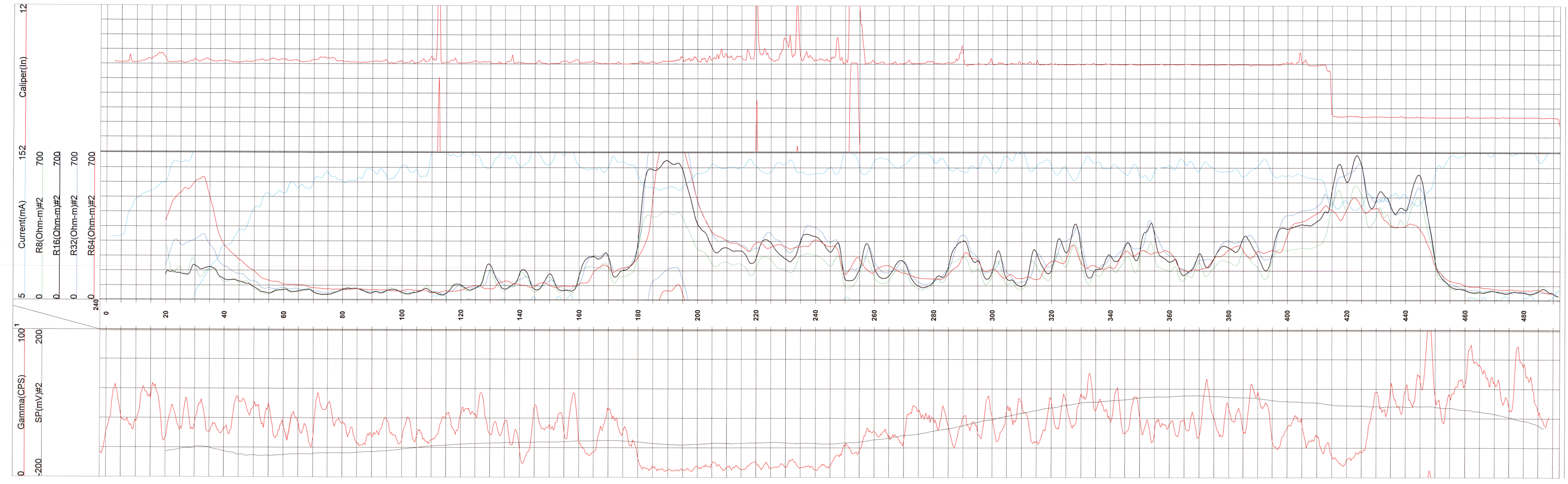
Drill Method: Air Rotary Weight: Fluid Level: 48'
Hole Medium: Mud Type: Time Since Circ:
Viscosity: Rm: at: Ueg C

Logged by: Edward Miller Unit/Truck: 01

Witness: Jonathan Skaggs, Lee Gabard

Table with LOG TYPE, RUN NO, SPEED, FROM, TO, FT./IN. columns. Rows for Gamma, Resistivity, Caliper.

Comments:





Borehole: **MW11B-LGR**

Logs: **GAMMA, CALIPER, RES.**

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: CSSA TO42 Date: 04-09-03
Client: GEO PROJECTS County: BEXAR
Location(GPS): MW-11 LGR-B State: TX

BOREHOLE DATA

Drilling Contractor: **GEO PROJECTS** **Driller T.D.: 260'**
 Elevation: Logger T.D.: 259.5'
 Depth Ref: **GROUND SURFACE** Date Drilled: 04-09-03

BIT RECORD				CASING RECORD		
RUN	BIT SIZE	FROM	TO	SIZE/WGT/THK	FROM	TO
1	7-7/8"	0	260	NONE		
2						
3						

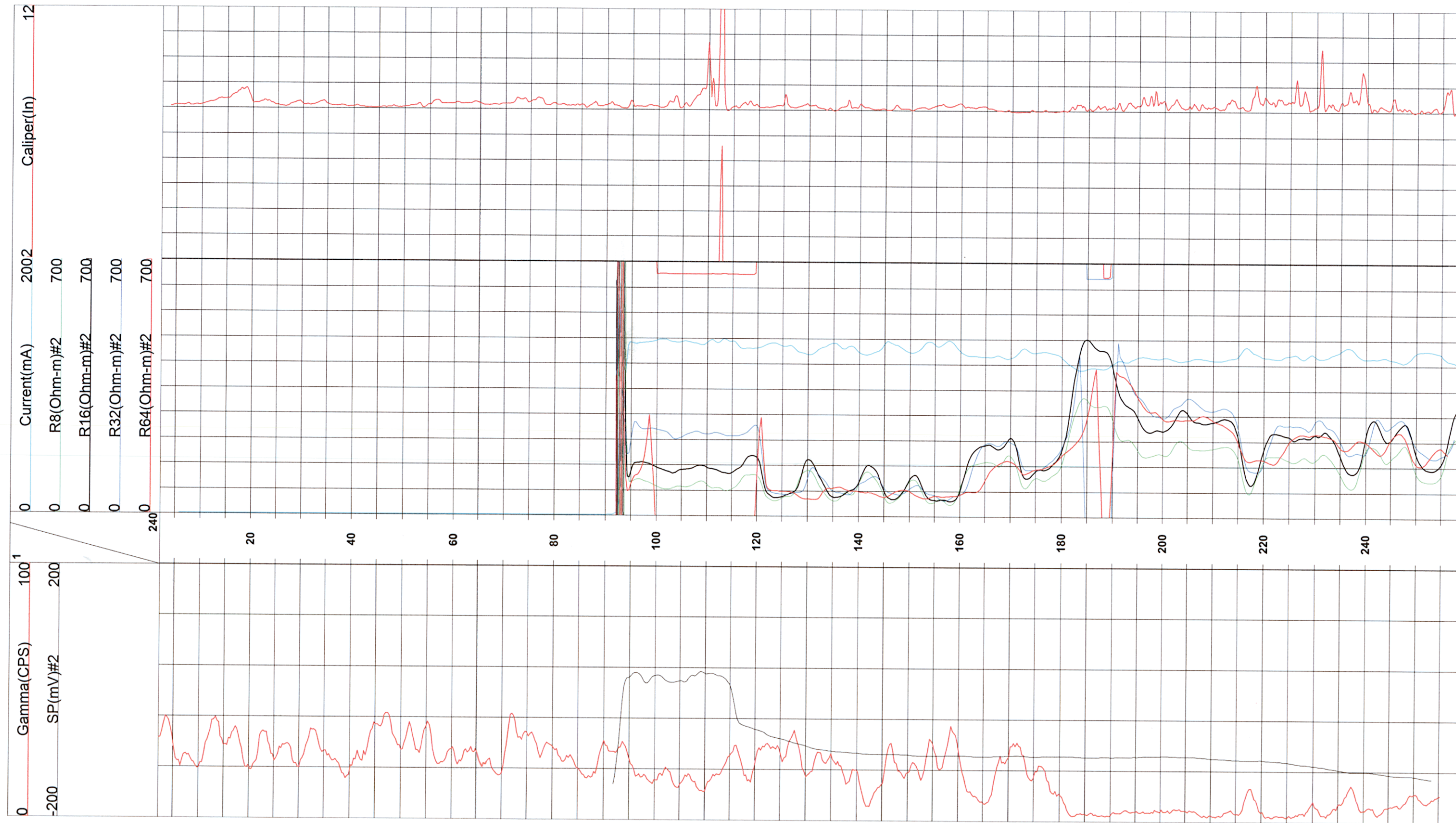
Drill Method: **AIR ROTARY** Weight: **Fluid Level: 94'**
 Hole Medium: Mud Type: Time Since Circ:
 Viscosity: Rm: at: Deg C

GENERAL DATA

Logged by: **Edward Miller** Unit/Truck: 01
 Witness: **MIKE MILLER**

LOG TYPE	RUN NO	SPEED	FROM	TO	FT./IN.
GAMMA	1	18FT/MIN	255	2	20
RESISTIVITY	1	18FT/MIN	258	94	20
CALIPER	1	18FT/MIN	258	4	20

Comments:





Borehole: WB01-LGR

Logs: GAMMA, CALIPER, SP, RESISTIVITY

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: TO42 -Camp Stanley Storage Act. Date: 06-12-03
Client: Geoprojects Int. County: Bexar
Location(GPS): State: TX

Drilling Contractor: GPI Driller T.D.: 314'
Elevation: Logger T.D.: 314'
Depth Ref: G.L. Date Drilled: 06-12-03

Table with BIT RECORD and CASING RECORD columns. BIT RECORD includes RUN, BIT SIZE, FROM, TO. CASING RECORD includes SIZE/WGT/THK, FROM.

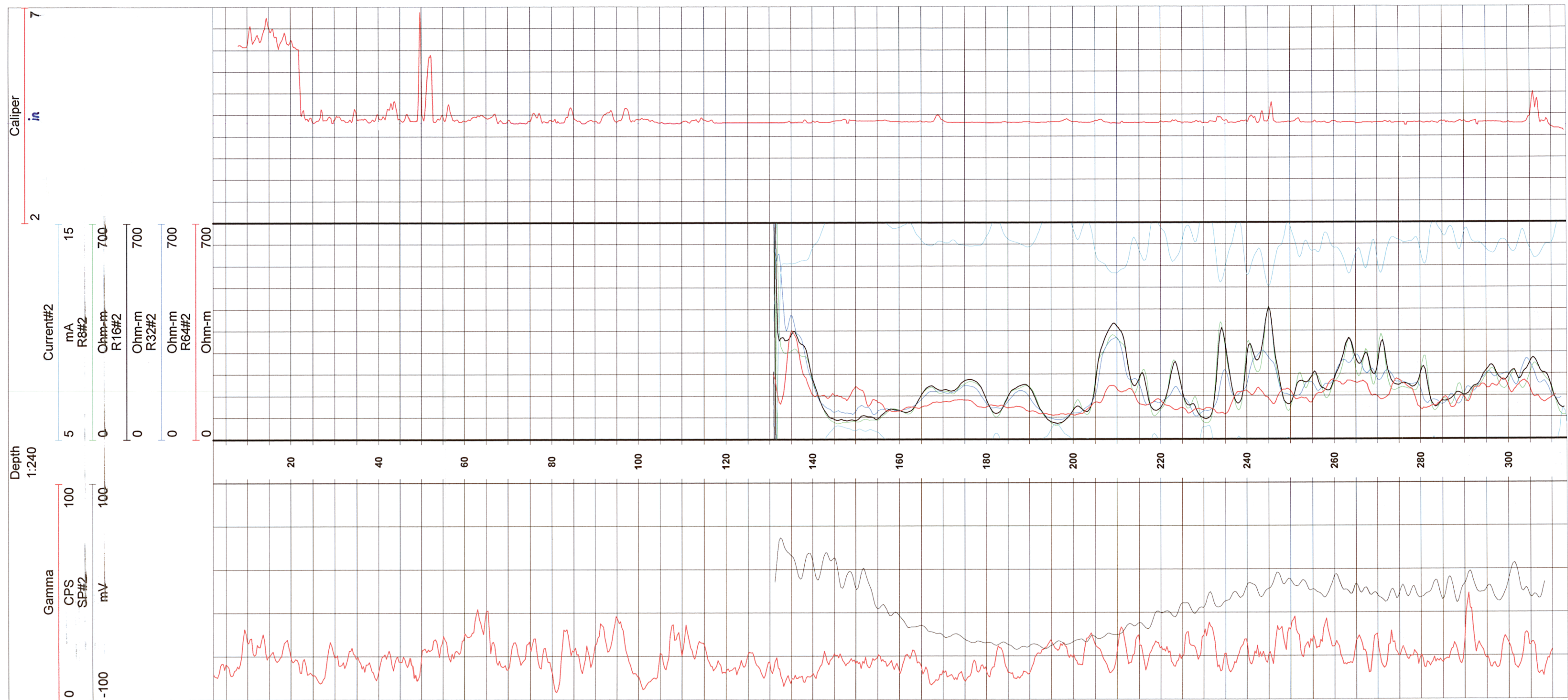
Drill Method: Air Rotary Weight: Fluid Level: 132.2'
Hole Medium: Mud Type: Time Since Circ:
Viscosity: Rm: at: Deg C

Logged by: Michael Miller Unit/Truck: 01

Witness: ERIC TENNYSON

Table with LOG TYPE, RUN NO, SPEED, FROM, TO, FT./IN. columns. Includes entries for CALIPER, GAMMA, and SP, RESISTIVITY.

Comments:





Borehole: WB-02
 Logs: Gamma, Res, Cal, SP

Water Well Logging & Video Recording Services
 Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: CSSA T042 Date: 06-20-03
 Client: Geo Projects County: Bexar
 Location(GPS): State: TX

Drilling Contractor: Geo Projects Driller T.D.: 313'
 Elevation: Logger T.D.: 309'
 Depth Ref: Ground Surface Date Drilled: 06-20-03

BIT RECORD				CASING RECORD		
RUN	BIT SIZE	FROM	TO	SIZE/WGT/THK	FROM	TO
1	4.25	27'	313'	4.0 in PVC	+2	27
2						
3						

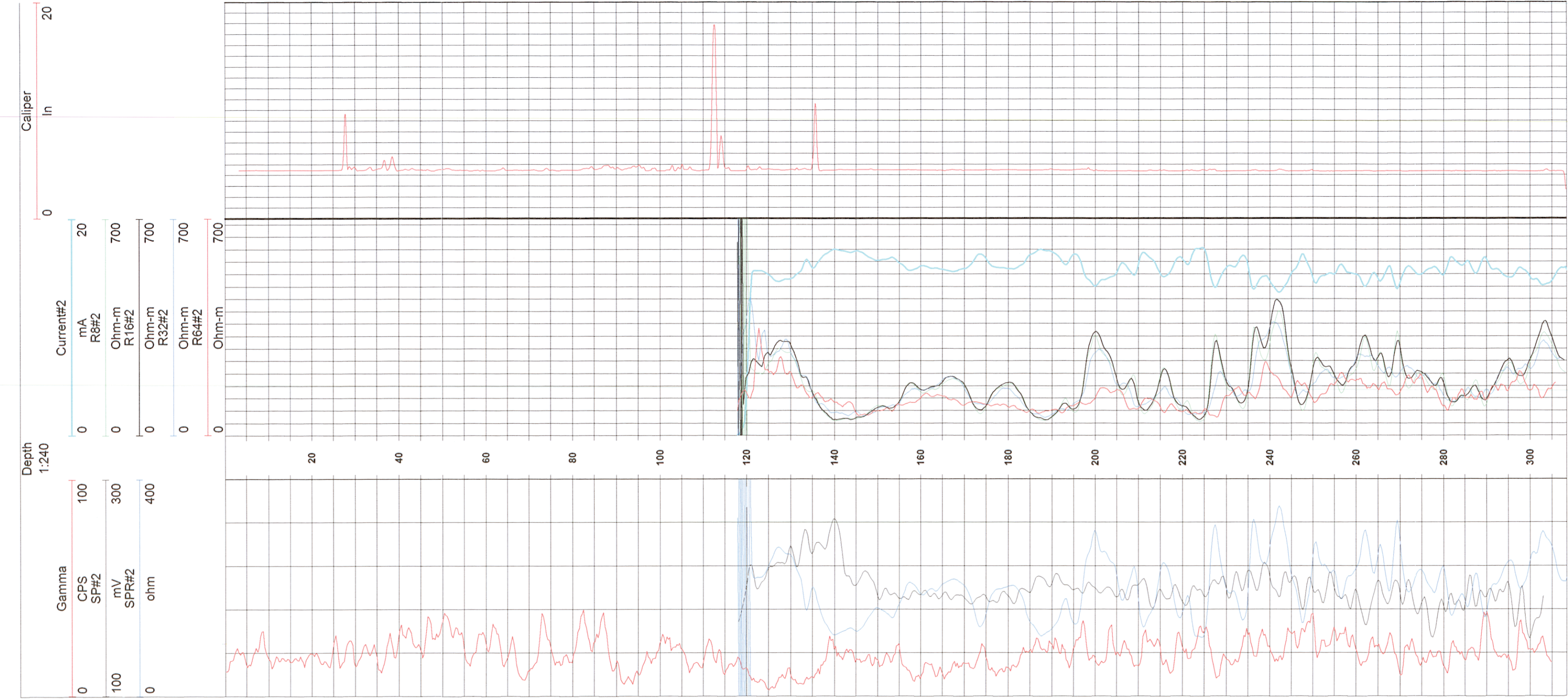
Drill Method: Air Rotary Weight: Fluid Level: 121'
 Hole Medium: Mud Type: Time Since Circ:
 Viscosity: Rm: at: Deg C

Logged by: Edward Miller Unit/Truck: 01

Witness: Jonathan Skaggs Eric North

LOG TYPE	RUN NO	SPEED	FROM	TO	FT./ IN.
Gamma	1	18ft/min	305'	1'	20
Resistivity	1	18ft/min	308'	118'	20
Caliper	2	16ft/min	308'	3'	20

Comments:





Borehole: WBO3-LGR

Logs: GAMMA, CALIPER, RESISTIVITY, SP

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: CSSA TO42 Date: 06-27-03

Client: Geoprojects Int. County: Bexar

Location(GPS): State: TX

Drilling Contractor: GPI Driller T.D.: 312'
Elevation: Logger T.D.: 311.5'
Depth Ref: G.L. Date Drilled: 06-26-03

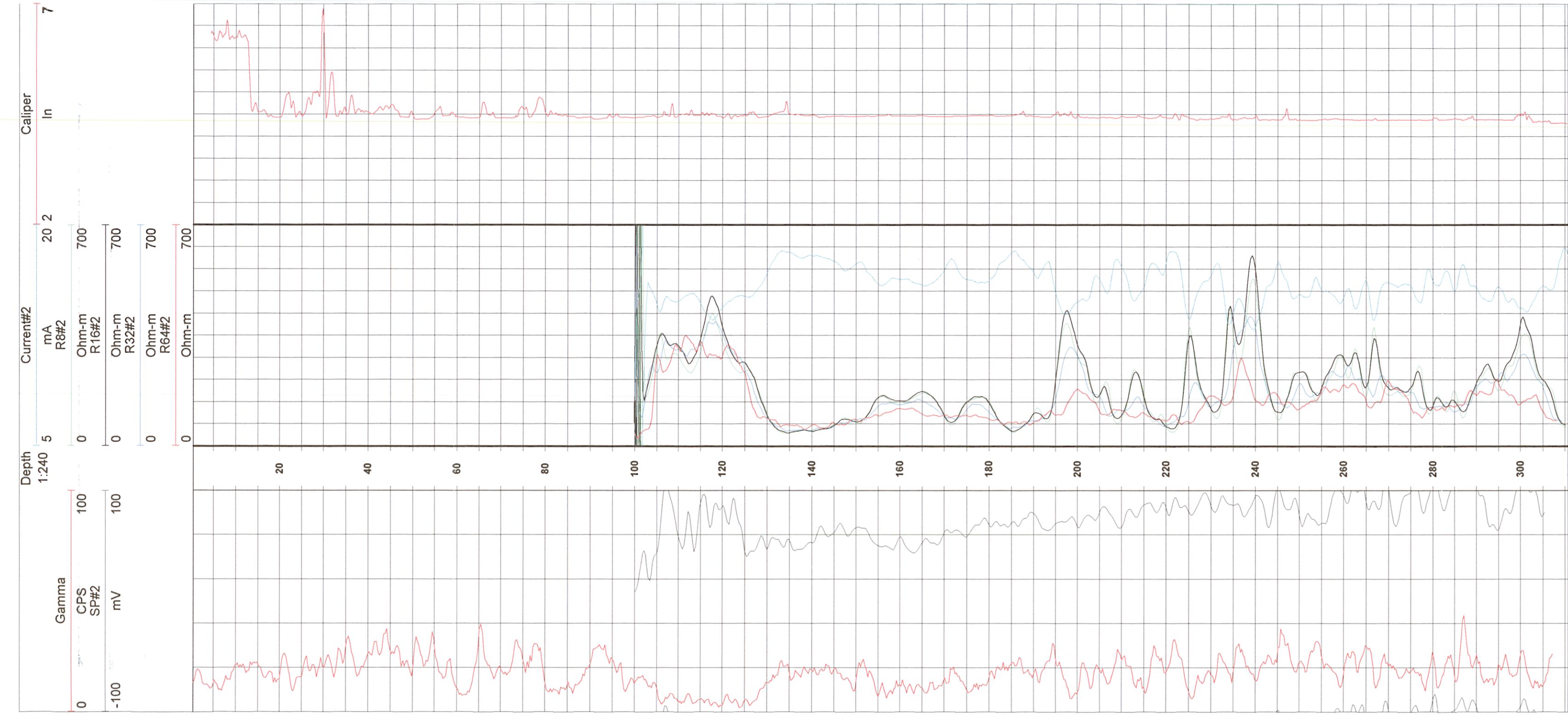
Table with BIT RECORD and CASING RECORD columns. BIT RECORD includes RUN, BIT SIZE, FROM, TO, SIZE/WGT/THK. CASING RECORD includes FROM.

Drill Method: Air Rotary Weight: Fluid Level: 101'
Hole Medium: Mud Type: Time Since Circ:
Viscosity: Rm: at: Deg C

Logged by: Michael Miller Unit/Truck: 01

Table with LOG TYPE, RUN NO, SPEED, FROM, TO, FT./IN. columns. Includes entries for CALIPER, GAMMA, and SP, RESISTIVITY.

Comments:





Borehole: WELL G

Logs: GAMMA, CALIPER, SP, RESISTIVITY

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: T042 -Camp Stanley Storage Act.

Date: 08-21-02

Client: Geoprojects Int.

County: Bexar

Location(GPS): WELL G

State: TX

BOREHOLE DATA

Drilling Contractor: NA

Driller T.D.: NA

Elevation:

Logger T.D.: 339'

Depth Ref: G.L.

Date Drilled: NA

BIT RECORD				CASING RECORD		
RUN	BIT SIZE	FROM	TO	SIZE/WGT/THK	FROM	TO
1	NA			5 1/2"	+1'	155'
2	EST. 7"		T.D.			
3						

Drill Method: Air Rotary

Weight:

Fluid Level: 191'

Hole Medium:

Mud Type:

Time Since Circ:

Viscosity:

Rm: at: Deg C

GENERAL DATA

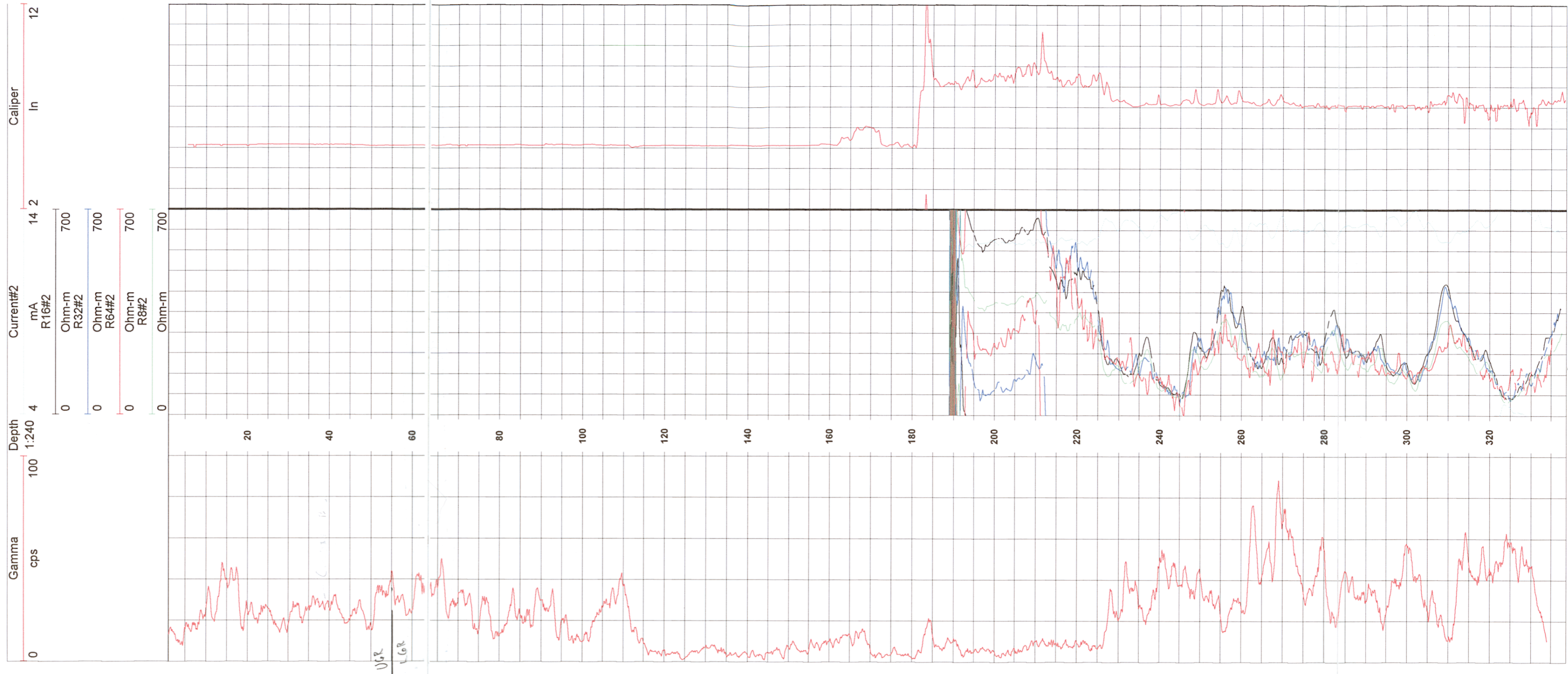
Logged by: Michael Miller

Unit/Truck: 01

Witness: Parsons Engineering

LOG TYPE	RUN NO	SPEED	FROM	TO	FT./ IN.
CALIPER	1	15'	338'	5'	20'
GAMMA	1	15'	334'	1'	20'
SP, RESISTIVITY	1	15'	338'	189'	20'

Comments:





Borehole: Windmill Well - I

Logs: Gamma, Res, Cal, SP

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: TO42 Date: 09-23-03

Client: Geo Projects County: Bexar

Location(GPS): N29°43'29.4", W098°36'04.8" State: TX

BOREHOLE DATA

Drilling Contractor: NA Driller T.D.: 360'
Elevation: 1276 ft msl by GPS Logger T.D.: 361'
Depth Ref: Ground Surface Date Drilled: Unknown

BIT RECORD				CASING RECORD		
RUN	BIT SIZE	FROM	TO	SIZE/WGT/THK	FROM	TO
1	NA			7 IN OD	+1.55'	361'
2						
3						

Drill Method: NA Weight: Fluid Level: 258'
Hole Medium: Mud Type: Time Since Circ:
Viscosity: Rm: at: Deg C

GENERAL DATA

Logged by: Edward Miller Unit/Truck: 01

Witness: Jonathan L. Gebbert

LOG TYPE	RUN NO	SPEED	FROM	TO	FT. / IN.
Resistivity	1	16ft/min	357'	257'	20
Gamma	2	16ft/min	356'	3'	20
Caliper	2	16ft/min	360'	7'	20

Comments: Windmill Well

