

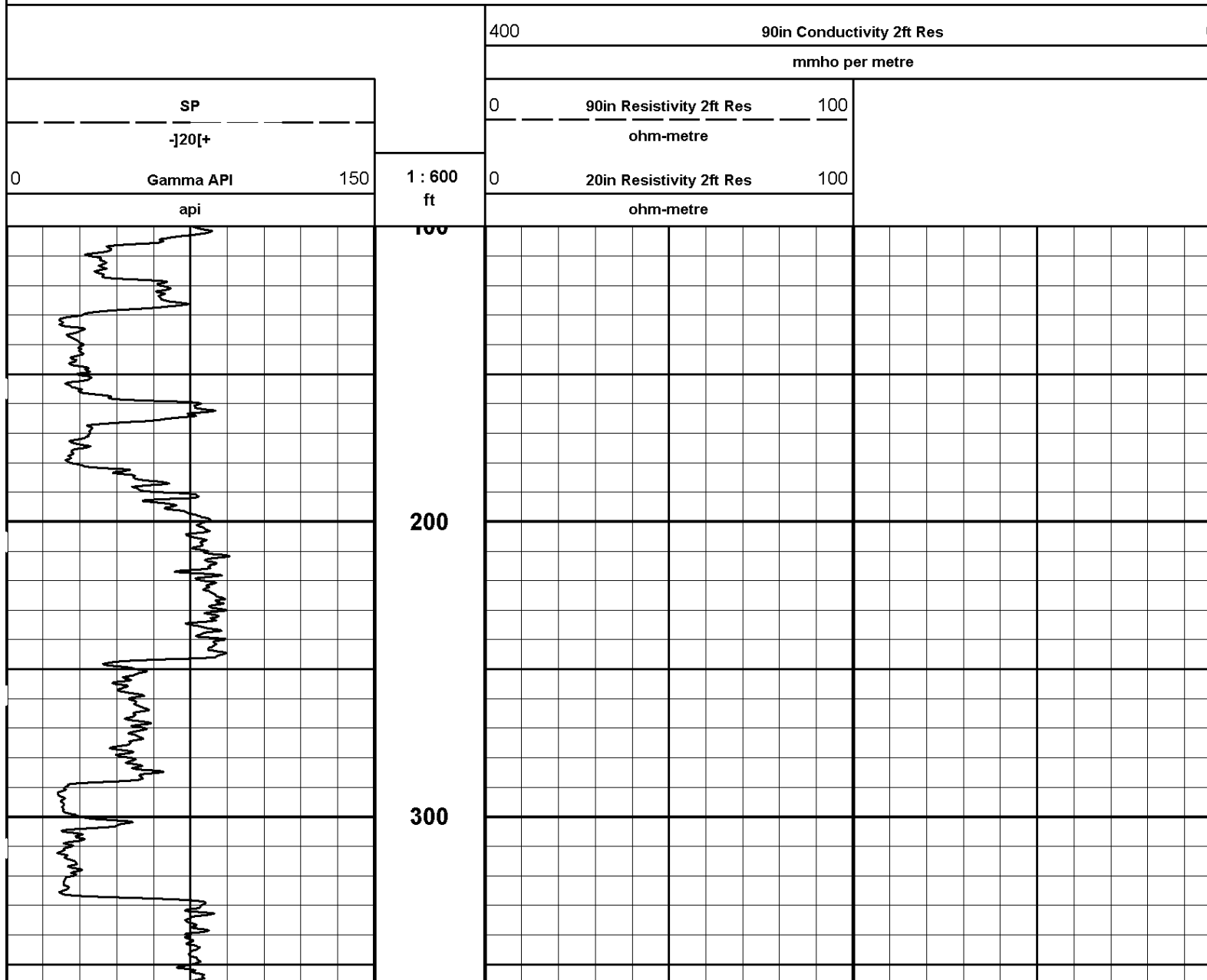
<div>HALLIBURTON</div>										<div>ARRAY COMPENSATED RESISTIVITY SPECTRAL DENSITY DUAL SPACED NEUTRON MICROLOG</div>									
COMPANY STORM CAT ENERGY (USA) OPERATING CORP										COMPANY STORM CAT ENERGY (USA) OPERATING CORP									
WELL ROBERTS 1-13H										WELL ROBERTS 1-13H									
FIELD B-43										FIELD B-43									
COUNTY VAN BUREN										COUNTY VAN BUREN									
STATE ARKANSAS										STATE ARKANSAS									
API No. 03-141-10360										Other Services: SED									
Location 2080' FSL & 2304' FEL																			
Sect. 13 Twp. 11N Rge. 17W																			
GROUND LEVEL										Elev. 1614.0 ft									
Log measured from KELLY BUSHING										15.0 ft above perm. Datum									
Drilling measured from KELLY BUSHING										Elev.: K.B. 1629.0 ft D.F. 1628.0 ft G.L. 1614.0 ft									
Date 02-Apr-08 18:53																			
Run No. 1																			
Depth - Driller 1002.0 ft																			
Depth - Logger 1001.0 ft																			
Bottom - Logged Interval 999																			
Top - Logged Interval 662																			
Casing - Driller 9.625 in @ 662.0 ft										@									
Casing - Logger 662.0 ft																			
Bit Size 8.875 in										@									
Type Fluid in Hole WBM																			
Density Viscosity																			
PH Fluid Loss																			
Source of Sample																			
Rm @ Meas. Temperature 1.39 ohmm @ 65.00 degF										@									
Rmf @ Meas. Temperature 1.22 ohmm @ 65.00 degF										@									
Rmc @ Meas. Temperature 1.65 ohmm @ 65.00 degF										@									
Source Rmf Rmc CALC CALC																			
Rm @ BHT 1.22 ohmm @ 75.0 degF										@									
Time Since Circulation 1.8 hr																			
Time on Bottom 02-Apr-08 20:45																			
Max. Rec. Temperature 75.0 degF @ 1001.0 ft										@									
Equipment Location 10975786 FORT SMITH																			
Recorded By SCHICKEDANZ																			
Witnessed By MR. MAJORS																			

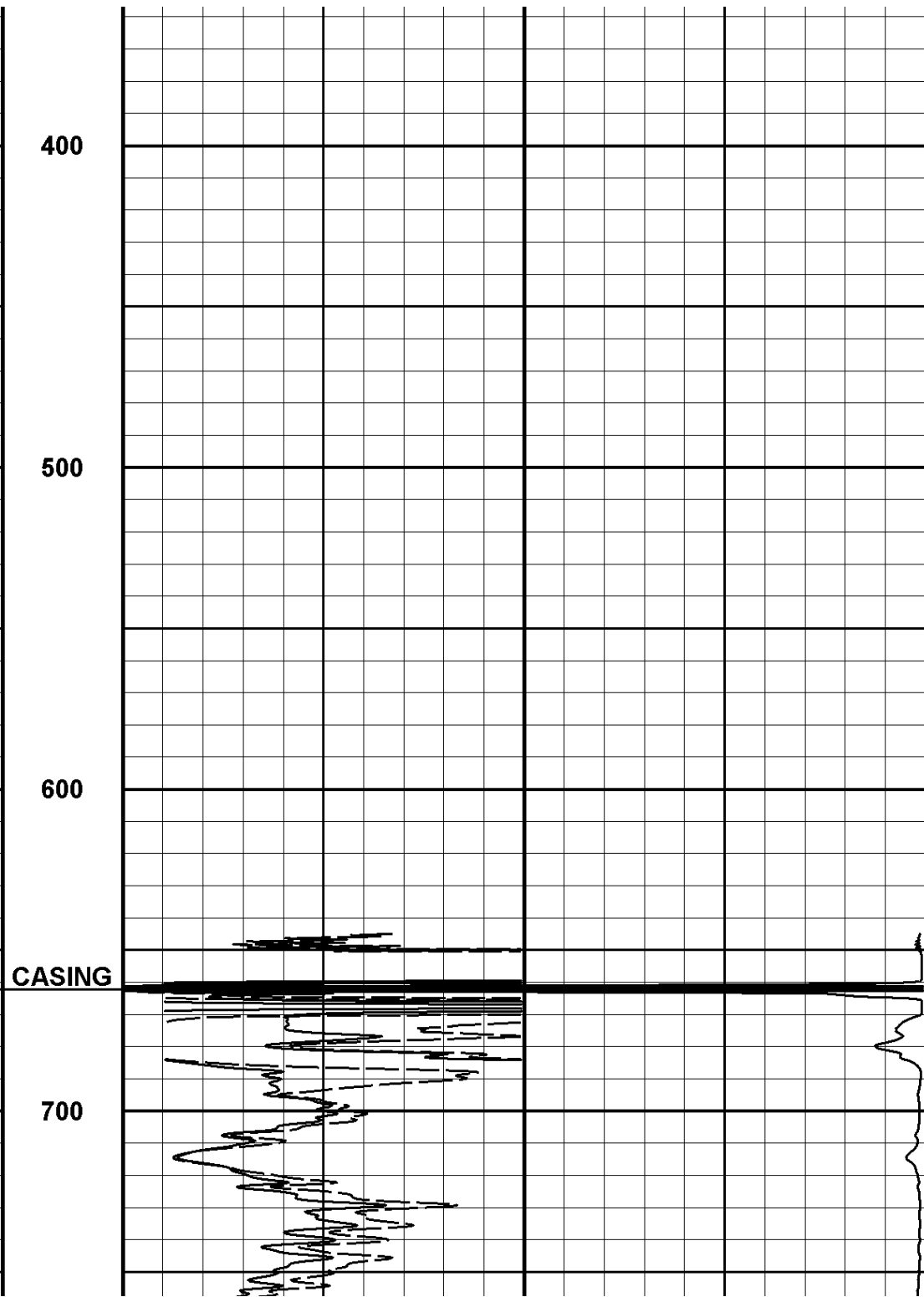
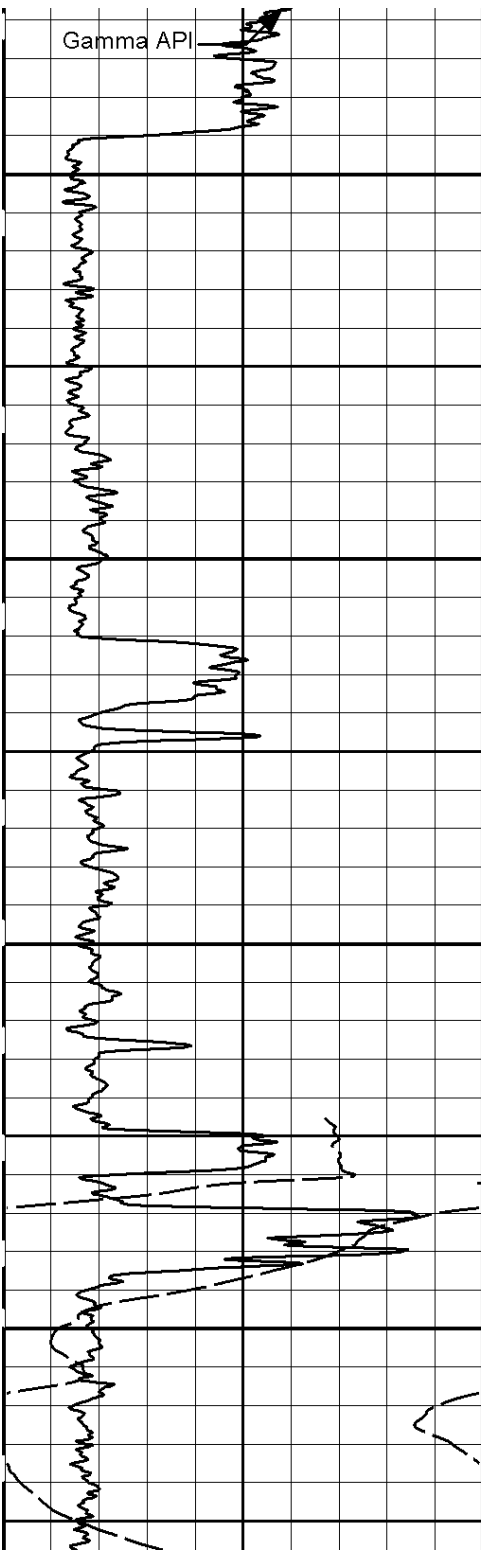
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Service Ticket No.: 5790580										API Serial No.: 03-141-10360										PGM Version: WL INSITE R2.0 (Build 22)									
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE										RESISTIVITY SCALE CHANGES																			
Date		Sample No.								Type Log		Depth		Scale Up Hole		Scale Down Hole													
Depth-Driller																													
Type Fluid in Hole																													
Density		Viscosity																											
Ph		Fluid Loss																											
Source of Sample										RESISTIVITY EQUIPMENT DATA																			
Rm @ Meas. Temp		@				@				Run No.		Tool Type & No.		Pad Type		Tool Pos.		Other											



## 2 INCH MAIN LOG





FR Gamma API

800

900

1000

0	Gamma API	150
	api	
	SP	
	-]20[+	

1 : 600  
ft

0	20in Resistivity 2ft Res	100
	ohm-metre	
0	90in Resistivity 2ft Res	100
	ohm-metre	

400	90in Conductivity 2ft Res	0
	mmho per metre	

**HALLIBURTON**

Plot Time: 02-Apr-08 20:23:45

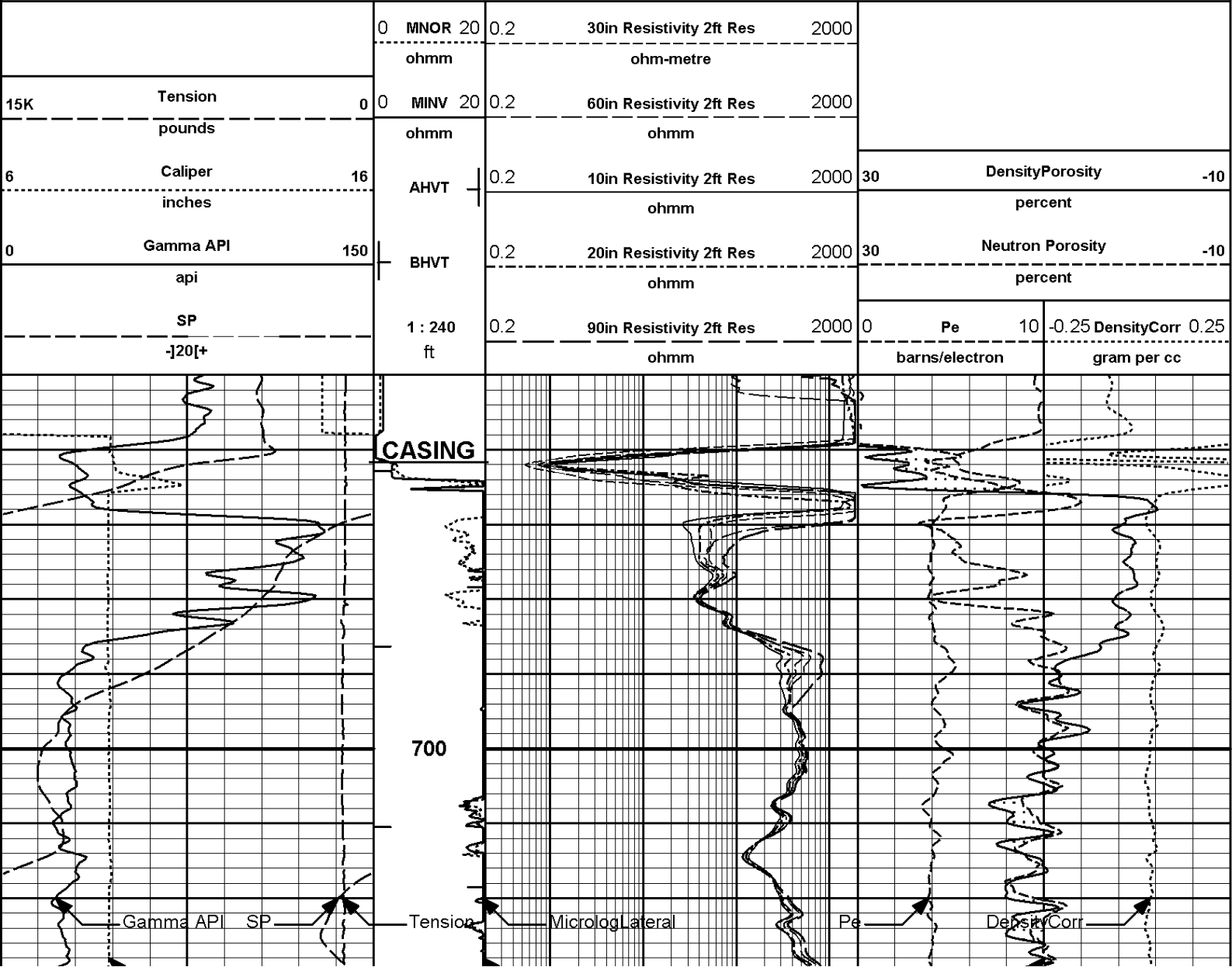
Plot Range: 100 ft to 1010 ft

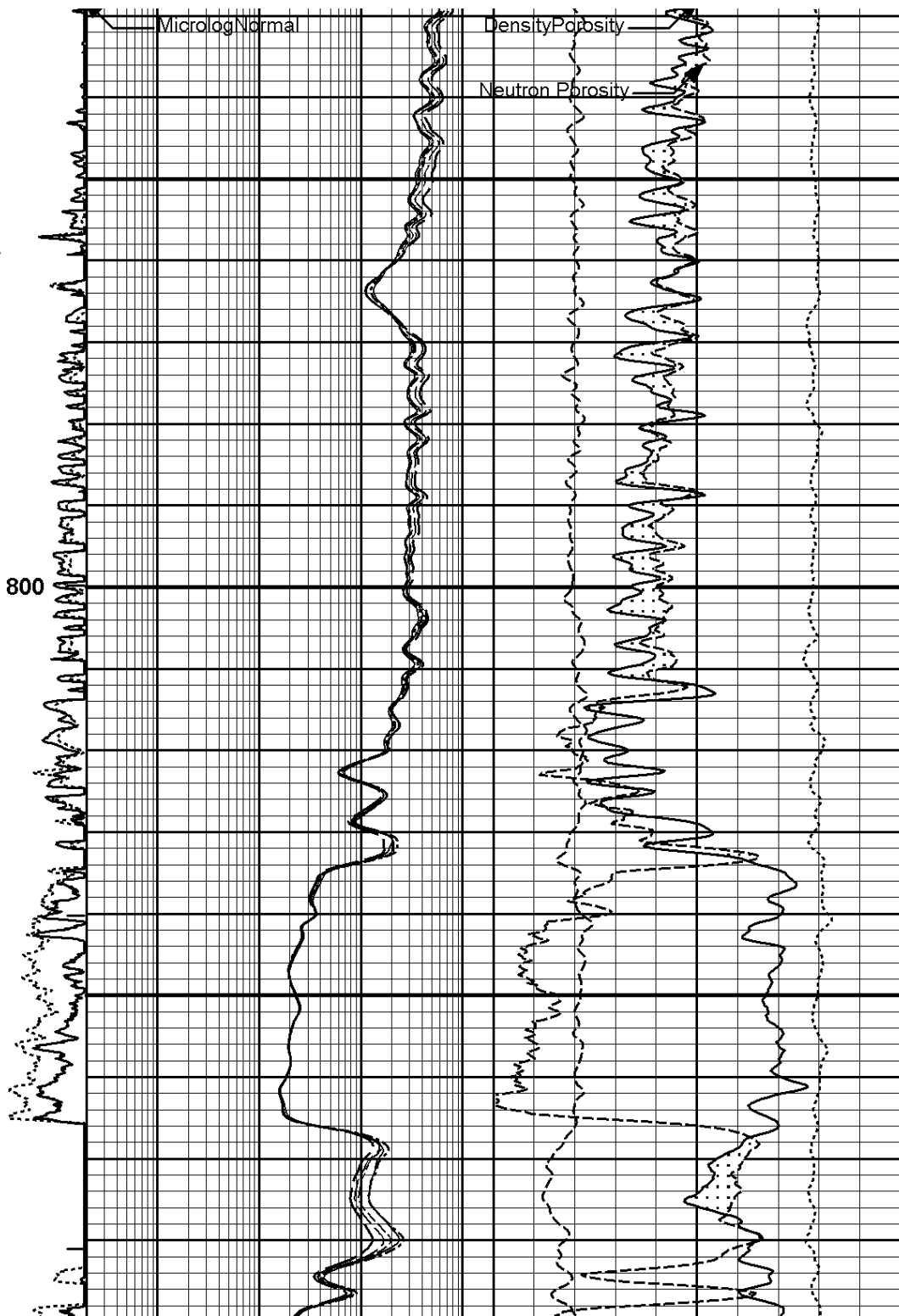
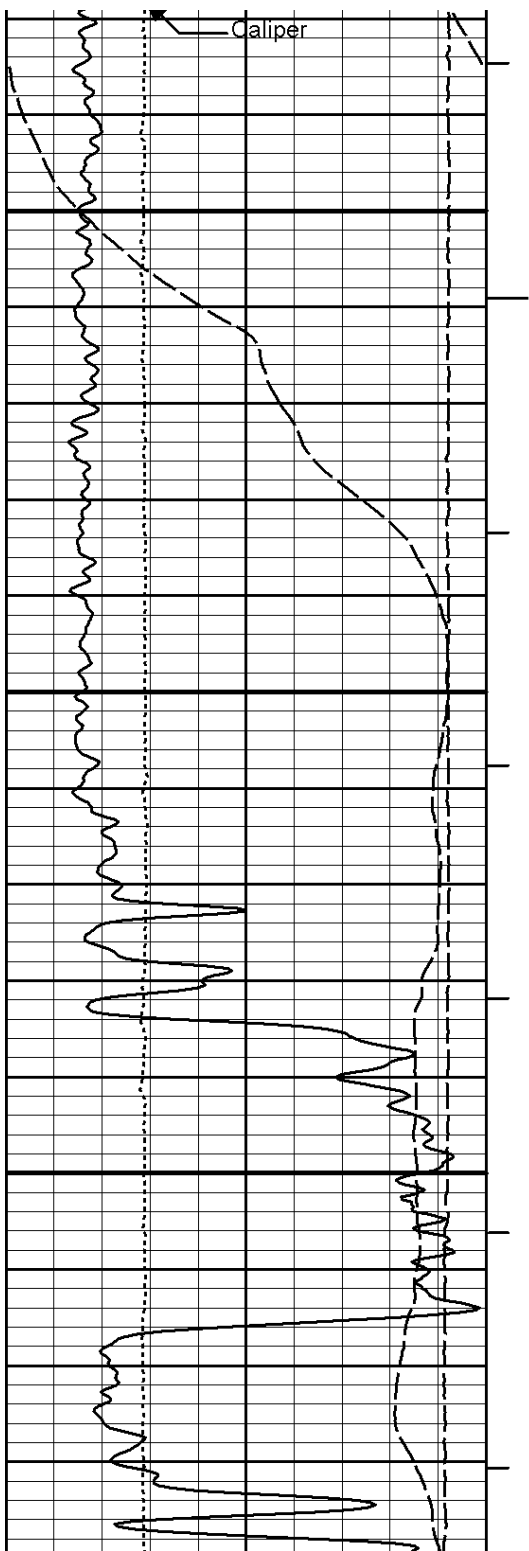
Data: STORMCT\_ROBERTS\Well Based\DAQ-0001-003\

Plot File: \\-LOCAL-STORMCT\_ROBERTS\0001 GTET-DSNT-SDLT-ACRT\combo\ACRT\_2\_main

**2 INCH MAIN LOG**

5 INCH MAIN LOG







SP			1 : 240 ft	0.2 90in Resistivity 2ft Res 2000		0 Pe 10	-0.25 DensityCorr 0.25	
-J20[+				ohmm			barns/electron gram per cc	
0	Gamma API	150	BHVT	0.2	20in Resistivity 2ft Res 2000	30	Neutron Porosity -10	
api				ohmm		percent		
6	Caliper	16	AHVT	0.2	10in Resistivity 2ft Res 2000	30	DensityPorosity -10	
inches				ohmm		percent		
15K	Tension	0	MINV 20	0.2	60in Resistivity 2ft Res 2000			
pounds			ohmm					
			0 MNOR 20	0.2	30in Resistivity 2ft Res 2000			



ohmm

ohm-metre

**HALLIBURTON**

Plot Time: 02-Apr-08 20:23:48

Plot Range: 650 ft to 1005 ft

Data: STORMCT\_ROBERTS\Well Based\DAQ-0001-003\

Plot File: \\combo\SEECO\_TRIPLE\_ML\_IQ

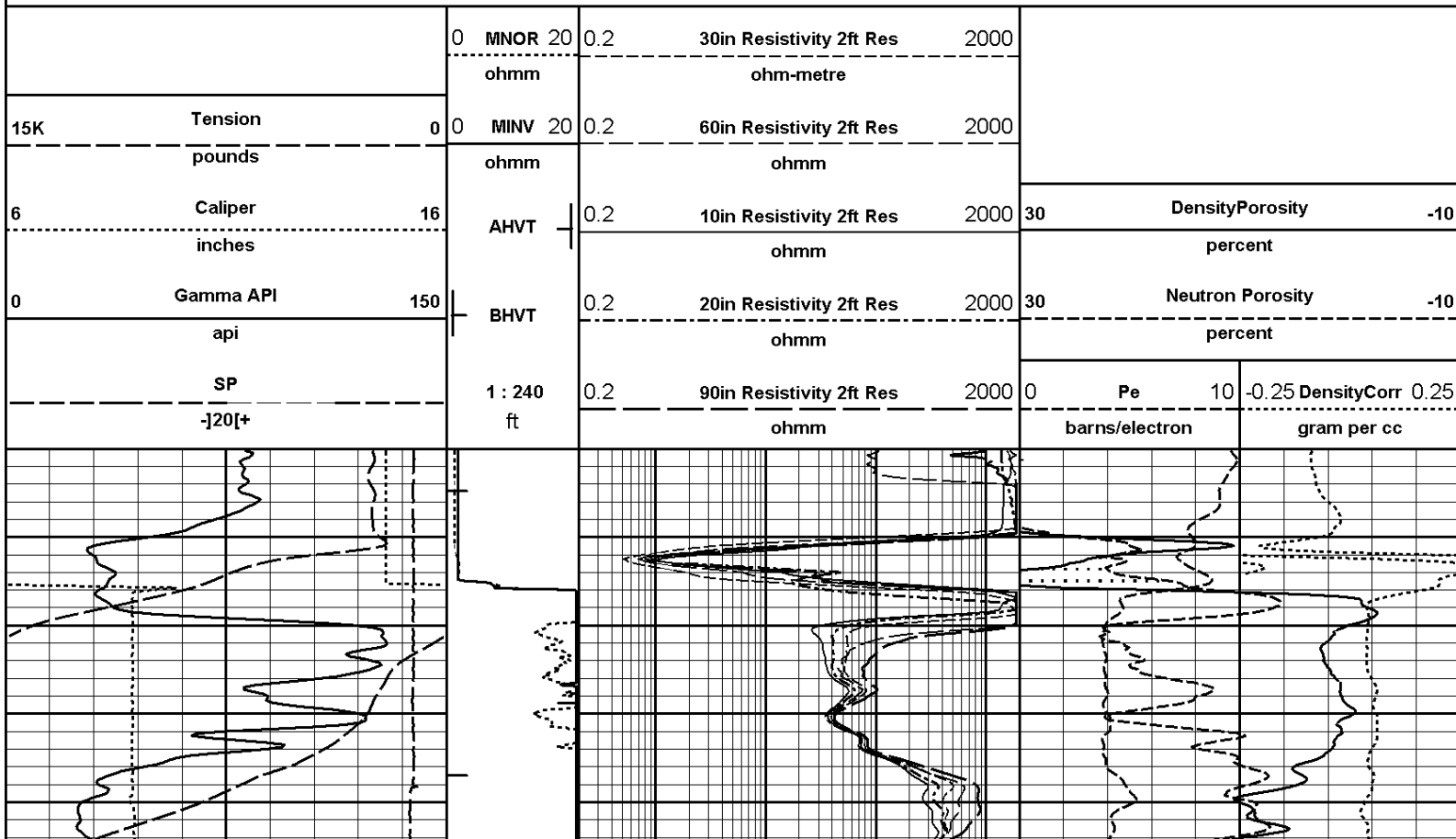
**5 INCH MAIN LOG****HALLIBURTON**

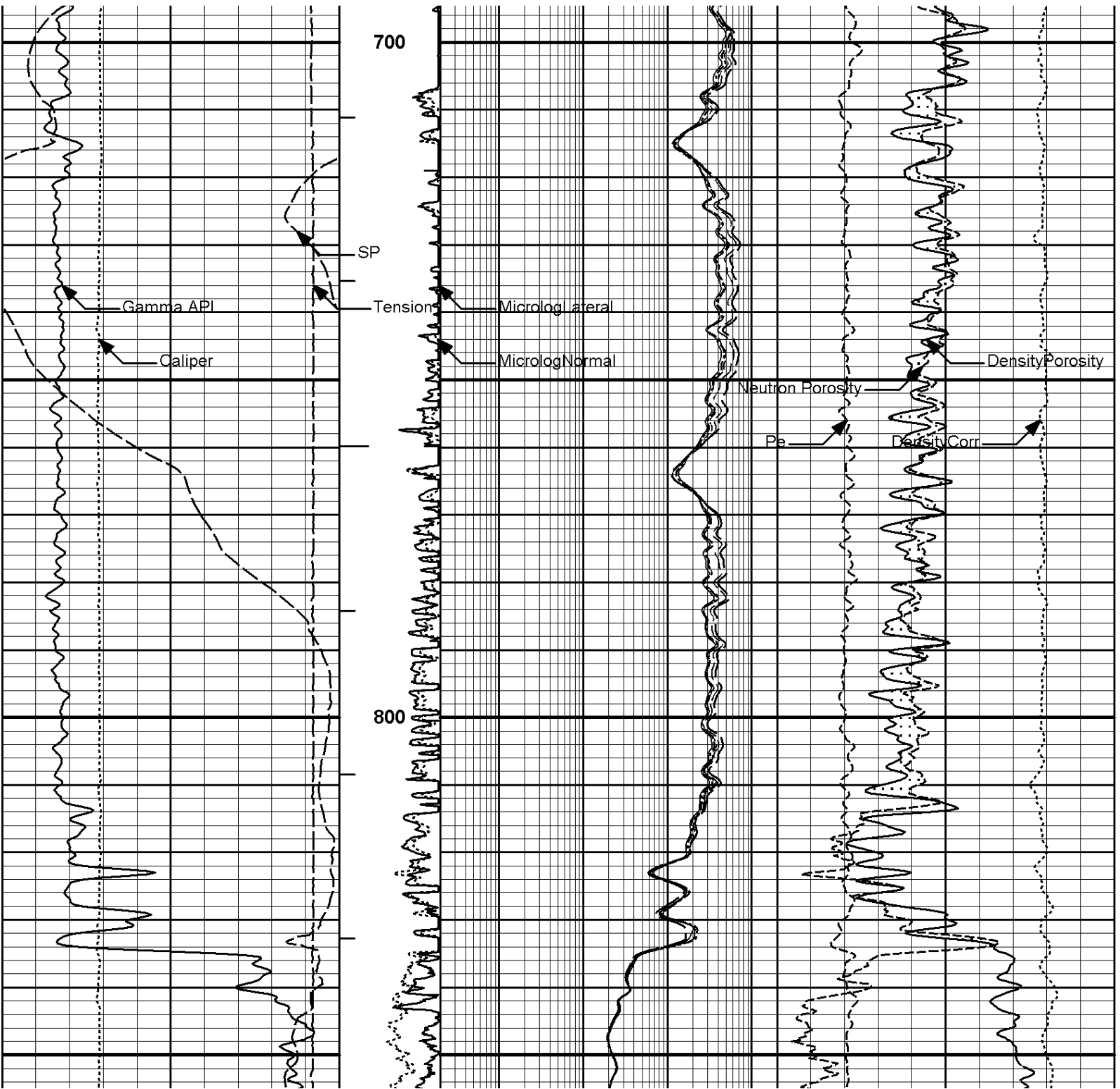
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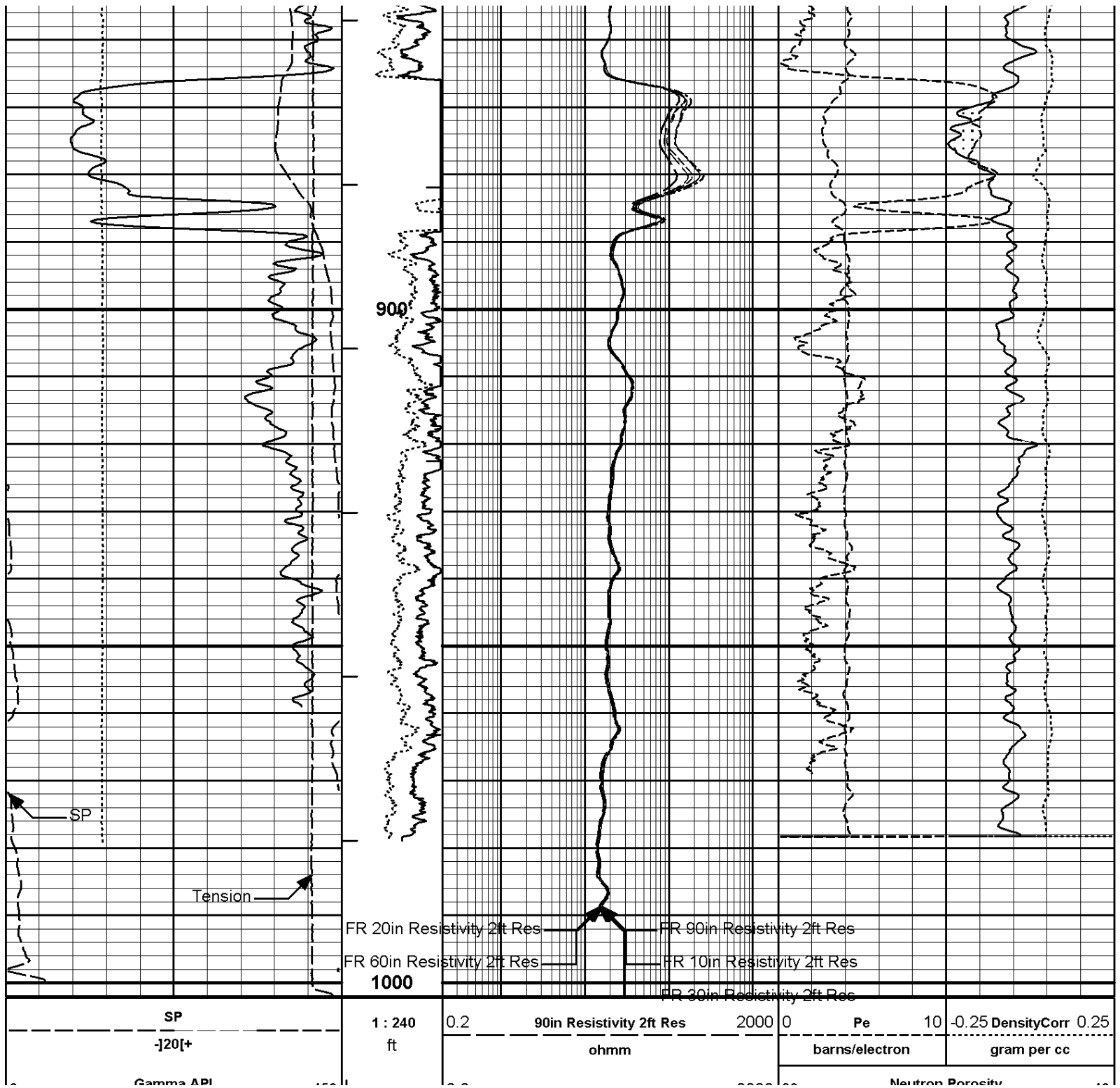
Plot Range: 650 ft to 1002 ft

Data: STORMCT\_ROBERTS\Well Based\DAQ-0001-002\

Plot File: \\combo\SEECO\_TRIPLE\_ML\_IQ\_RPT

**REPEAT SECTION**





0	Summary Plot	150	BHVT	0.2	20in Resistivity 2ft Res	2000	30	Resistivity Porosity	-10
	api				ohmm			percent	
6	Caliper	16	AHVT	0.2	10in Resistivity 2ft Res	2000	30	DensityPorosity	-10
	inches				ohmm			percent	
15K	Tension	0	MINV 20	0.2	60in Resistivity 2ft Res	2000			
	pounds				ohmm				
		0	MNOR 20	0.2	30in Resistivity 2ft Res	2000			
					ohmm				
					ohm-metre				

**HALLIBURTON**

Plot Time: 02-Apr-08 20:23:50  
 Plot Range: 650 ft to 1002 ft  
 Data: STORMCT\_ROBERTS\Well Based\DAQ-0001-002\  
 Plot File: \\combo1\SEECO\_TRIPLE\_ML\_IQ\_RPT

REPEAT SECTION

HALLIBURTON

PARAMETERS REPORT

Depth (ft)	Tool Name	Mnemonic	Description	Value	Units
TOP					
	SHARED	BS	Bit Size	8.875	in
	SHARED	UBS	Use Bit Size instead of Caliper for all applications.	No	
	SHARED	MDWT	Borehole Fluid Weight	9.500	ppg
	SHARED	RMUD	Mud Resistivity	2.000	ohmm
	SHARED	TRM	Temperature of Mud	75.0	degF
	SHARED	OBM	Oil Based Mud System?	No	
	SHARED	CSD	Logging Interval is Cased?	No	
	SHARED	ICOD	AHV Casing OD	5.500	in
	SHARED	ST	Surface Temperature	75.0	degF
	SHARED	TD	Total Well Depth	1001.00	ft
	SHARED	BHT	Bottom Hole Temperature	75.0	degF
	GTET	GROK	Process Gamma Ray?	Yes	
	GTET	GRSO	Gamma Tool Standoff	0.000	in
	GTET	GEOK	Process Gamma Ray EVR?	No	
	DSNT	DNOK	Process DSN?	Yes	
	DSNT	DEOK	Process DSN EVR?	No	

DSNT	NLIT	Neutron Lithology	Limestone	
DSNT	DNSO	DSN Standoff - 0.25 in (6.35 mm) Recommended	0.250	in
DSNT	DNTP	Temperature Correction Type	None	
DSNT	DPRS	DSN Pressure Correction Type	None	
DSNT	SHCO	View More Correction Options	No	
DSNT	UTVD	Use TVD for Gradient Corrections?	No	
DSNT		Logging Horizontal Water Tank?	No	
SDLT	DNOK	Process Density?	Yes	
SDLT	DNOK	Process Density EVR?	No	
SDLT	AD	Is Hole Air Drilled?	No	
SDLT	CB	Use Calibration Blocks?	No	
SDLT	SPVT	SDLT Pad Temperature Valid?	Yes	
SDLT	DTWN	Disable temperature warning	No	
SDLT	MDTP	Weighted Mud Correction Type?	None	
SDLT	DMA	Formation Density Matrix	2.710	g/cc
SDLT	DFL	Formation Density Fluid	1.000	g/cc
SDLT	CLOK	Process Caliper Outputs?	Yes	
SDLT	MLOK	Process MicroLog Outputs?	Yes	
ACRt	RTOK	Process ACRt?	Yes	
ACRt	CIND	Casing Indicator Enabled?	Yes	
ACRt	RECE	Relative Caliper Error	0	%
ACRt	MNSO	Minimum Tool Standoff	1.50	in
ACRt	RMC	Use RM Calculated for BHC?	No	
ACRt	LTNM	Acrt Lateral Normalization	None	
ACRt	UTC	Use Temperature Correction	Yes	
ACRt	TCS1	Temperature Correction Source	FP Lwr & FP Up	
ACRt	TPOS	Tool Position	Standoff	
ACRt	BHCM	Borehole Compensation Type	Conventional	
ACRt	RMIN	Minimum Resistivity for MAP	0.20	ohmm
ACRt	RMIN	Maximum Resistivity for MAP	200.00	ohmm

BOTTOM

Data: STORMCT\_ROBERTS\0001 GTET-DSNT-SDLT-ACRT\IDLE

Date: 02-Apr-08 20:17:01

**HALLIBURTON**

## CALIBRATION REPORT

### NATURAL GAMMA RAY TOOL SHOP CALIBRATION

Tool Name: GTET - 10971172

Reference Calibration Date: 04-Jan-08 10:23:34

Engineer: Gordon

Calibration Date: 02-Feb-08 00:00:07

Engineer:	Sanders	Calibration Date:	02-Feb-08 02:06:27
Software Version:	WL INSITE R2.0 (Build 22)	Calibration Version:	1
Calibrator Source S/N: 79			
Calibrator API Reference:215.00 api			
Measurement	Measured	Calibrated	Units
Background	32.7	35.3	api
Background + Calibrator	231.8	250.3	api
Calibrator	217.6	215.0	api

NATURAL GAMMA RAY TOOL FIELD CALIBRATION			
Tool Name:	GTET - 10971172	Reference Calibration Date:	02-Feb-08 02:06:27
Engineer:	Sanders	Calibration Date:	02-Feb-08 02:11:41
Software Version:	WL INSITE R2.0 (Build 22)	Calibration Version:	1
Calibrator Source S/N: 79			
Calibrator API Reference:215.00 api			
Field Verification	Shop	Field	Units
Background	35.3	35.4	api
Background + Calibrator	250.3	249.0	api
Calibrator	215.0	213.7	api
Shop	Field	Difference	Tolerance
215.0	213.7	1.3	+/- 9.0

DUAL SPACED NEUTRON SHOP CALIBRATION			
Tool Name:	DSNT - 10951378	Reference Calibration Date:	04-Jan-08 10:58:30
Engineer:	SCHICKEDANZ	Calibration Date:	13-Feb-08 13:33:26
Software Version:	WL INSITE R2.0 (Build 22)	Calibration Version:	1
Logging Source S/N: 373			
Tank Serial Number: FTS			
Reference value assigned to Tank: 56.100			
Snow Block S/N: EL PASO TRUCK SNOW BLOCK			
Calibration Tank Water Temperature: 54.90 degF			
Min. Tool Housing Outside Diameter: 3.625 in			
CALIBRATION CONSTANTS			
Measurement	Prev. Value	New Value	Control Limit On New Value
Gain:	1.007	1.008	0.900 - 1.100

**WATER TANK SUMMARY (Horizontal Water Tank)**

Measurement	Current Reading (Previous Coef.)	Calibrated (New Coef.)	Change	Control Limit On Change
Porosity (decg):	0.2354	0.2358	0.0003	+/- 0.0020
Calibrated Ratio:	10.55	10.56	0.011	+/- 0.050

**VERIFIER**

Measurement	Value	Control Limit
Snow-Block Porosity (decg):	0.0789	0.02000 - 0.09000

**PASS/FAIL SUMMARY**

Background Check:	Passed
Gain-Range Check:	Passed
Snow-Block Check:	Passed

**DUAL SPACED NEUTRON FIELD CALIBRATION**

Tool Name:	DSNT - 10951378	Reference Calibration Date:	13-Feb-08 13:33:26
Engineer:	SCHICKEDANZ	Calibration Date:	13-Feb-08 13:34:39
Software Version:	WL INSITE R2.0 (Build 22)	Calibration Version:	1

Logging Source S/N: 373

Snow Block S/N: EL PASO TRUCK SNOW BLOCK

**NEUTRON FIELD-CHECK SUMMARY**

	Shop	Field	Difference	Control Limit On Change
Snow-Block Porosity (decg):	0.0789	0.0785	-0.0004	+/- 0.0150

**PASS/FAIL SUMMARY**

Block Change Check:	Passed
Snow Block Stat Check:	Passed
Temperature Check:	Passed

**DUAL SPACED NEUTRON POST CALIBRATION**

Tool Name:	DSNT - 10951378	Reference Calibration Date:	13-Feb-08 13:34:39
Engineer:	R WHITLOCK	Calibration Date:	09-Mar-08 12:32:31
Software Version:	WL INSITE R2.0 (Build 22)	Calibration Version:	1

Logging Source S/N: 373

Snow Block S/N: EL PASO TRUCK SNOW BLOCK

**NEUTRON POST-CHECK SUMMARY**

	Field Value	Post Value	Difference	Control Limit On Change
Snow-Block Porosity (decp):	0.0785	0.0877	0.0092	+/- 0.0150

**PASS/FAIL SUMMARY**

Block Change Check:	Passed
Snow Block Stat Check:	Passed
Temperature Check:	Passed

**SPECTRAL DENSITY SHOP CALIBRATION**

Tool Name:	SDLT - I378_M477_P870	Reference Calibration Date:	25-Feb-08 13:33:26
Engineer:	RICK WHITLOCK	Calibration Date:	21-Mar-08 10:55:17
Software Version:	WL INSITE R2.0 (Build 22)	Calibration Version:	1

Logging Source S/N: 20784B

Aluminum Block S/N: FTS

Density: 2.581g/cc

Magnesium Block S/N: FTS

Density: 1.687g/cc

**DENSITY CALIBRATION SUMMARY**

Measurement	Previous Value	New Value	Control Limit
Near Bar Gain	1.0301	1.0185	0.90 - 1.10
Near Dens Gain	1.0275	1.0145	0.90 - 1.10
Near Peak Gain	1.0424	1.0226	0.90 - 1.10
Near Lith Gain	1.0555	1.0439	0.90 - 1.10
Far Bar Gain	1.0107	1.0083	0.90 - 1.10
Far Dens Gain	1.0009	0.9995	0.90 - 1.10
Far Peak Gain	0.9997	0.9988	0.90 - 1.10
Far Lith Gain	0.9885	0.9838	0.90 - 1.10
Near Bar Offset	-0.1678	-0.0528	NONE
Near Dens Offset	-0.1527	-0.0279	NONE
Near Peak Offset	-0.2776	-0.0975	NONE
Near Lith Offset	-0.4032	-0.2968	NONE
Far Bar Offset	-0.0537	-0.0222	NONE
Far Dens Offset	0.0378	0.0500	NONE
Far Peak Offset	0.0405	0.0437	NONE
Far Lith Offset	0.1258	0.1504	NONE
Near Bar Background	987.59	985.48	700 - 1450
Near Dens Background	321.82	322.65	230 - 480



Near Dens Background	141.08	140.94	100 - 210
Near Peak Background	173.42	173.69	125 - 260
Far Bar Background	595.89	591.47	450 - 900
Far Dens Background	229.73	231.36	175 - 345
Far Peak Background	90.91	90.84	70 - 140
Far Lith Background	95.84	94.71	75 - 145

#### CALIBRATION BLOCK SUMMARY

Measurement	Current Reading (Previous Coef)	Calibrated (New Coef)	Change	Control Limit On Change
MAGNESIUM				
Density (g/cc)	1.680	1.687	0.007	+/- 0.015
Pe	2.608	2.594	-0.014	+/- 0.150
ALUMINUM				
Density (g/cc)	2.569	2.581	0.012	+/- 0.01500
Pe	3.185	3.170	-0.015	+/- 0.150

#### TOOL SUMMARY

Measurement	Near Detector		Far Detector	
	Value	Control Limits	Value	Control Limits
QUALITY				
Background	-0.0012	+/- 0.0110	-0.0020	+/- 0.0140
Magnesium Block	-0.0009	+/- 0.0110	-0.0011	+/- 0.0140
Aluminum Block	-0.0011	+/- 0.0110	0.0013	+/- 0.0140
Resolution	9.24	6.00 - 11.50	8.46	6.00 - 11.50
Internal Verifier(B+D+P+L)	1623	1200 - 2700	1008	800 - 1700

#### PASS/FAIL SUMMARY

Background Quality Check:	Passed
Background Range Check:	Passed
Background Resolution Check:	Passed
Background Verification Check:	Passed
Magnesium Quality Check:	Passed
Aluminum Quality Check:	Passed
Gains Check:	Passed
Changes in Calibration Blocks:	Passed

**SPECTRAL DENSITY FIELD CHECK**

Tool Name: SDLT - I378\_M477\_P870

Reference Calibration Date: 21-Mar-08 10:55:17

Engineer: RICK WHITLOCK

Calibration Date: 21-Mar-08 11:10:50

Software Version: WL INSITE R2.0 (Build 22)

Calibration Version: 1

Aluminum Block S/N: FTS

Density: 2.581g/cc

Magnesium Block S/N: FTS

Density: 1.687g/cc

Pad Temperature: 75.2 degF

**DENSITY FIELD CALIBRATION SUMMARY**

Measurement	Shop	Field	Change	Control Limit +/-
Near (B+D+P+L) cps	1622.760	1624.177	1.417	16.192
Far (B+D+P+L) cps	1008.381	1008.674	0.293	16.976
Near Resolution	9.24	9.21	-0.030	0.50
Far Resolution	8.48	8.46	0.020	1.00

**PASS/FAIL SUMMARY**

Bkg Quality Check: Passed

Bkg Resolution Check: Passed

Bkg Verification Check: Passed

**MICRO LOG SHOP CALIBRATION**

Tool Name: SDLT - I378\_M477\_P870

Reference Calibration Date: 25-Feb-08 14:03:49

Engineer: RICK WHITLOCK

Calibration Date: 21-Mar-08 10:14:56

Software Version: WL INSITE R2.0 (Build 22)

Calibration Version: 1

**CALIBRATION COEFFICIENT SUMMARY**

Measurement	Micro Log Normal		Micro Log Lateral		Units
	Measured	Calibrated	Measured	Calibrated	
Tool Zero	-0.06	-0.11	-0.01	-0.01	ohmm
Calibration Point #1	0.06	0.00	-0.00	0.00	ohmm
Calibration Point #2	20.06	20.00	20.01	20.00	ohmm
Internal Reference	19.94	19.88	20.00	20.00	ohmm

Measurement	Micro Log Normal Tool Value	Micro Log Lateral Tool Value	Units
Tool Zero	0.47	-3.08	V
Calibration Point #1	30.38	-0.12	V
Calibration Point #2	5306.42	6885.33	V
Internal Reference	5275.43	6884.23	V

### MICRO LOG FIELD CHECK

Tool Name: SDLT - I378\_M477\_P870

Reference Calibration Date: 21-Mar-08 10:14:56

Engineer: RICK WHITLOCK

Calibration Date: 21-Mar-08 10:15:35

Software Version: WL INSITE R2.0 (Build 22)

Calibration Version: 1

#### Measurement

#### Micro Log Normal

#### Micro Log Lateral

	Shop	Field	Shop	Field	Units
Tool Zero	-0.11	-0.11	-0.01	-0.01	ohmm
Internal Reference	19.88	19.88	20.00	20.00	ohmm

#### Summary

Signal	Shop	Field	Difference	Tolerance
Microlog Normal	19.88	19.88	0.000	+/- 0.80
Microlog Lateral	20.00	20.00	0.000	+/- 0.80

### DENSITY CALIPER SHOP CALIBRATION

Tool Name: SDLT - I378\_M477\_P870

Reference Calibration Date: 01-Jan-70 00:00:00

Engineer: RICK WHITLOCK

Calibration Date: 21-Mar-08 10:02:22

Software Version: WL INSITE R2.0 (Build 22)

Calibration Version: 1

#### CALIBRATION COEFFICIENTS

Measurement	Previous Value	New Value	Control Limit On New Value
Pad Offset	-1197.41	-1197.41	-7000.00 - -1000.00
Pad Gain	0.0003896	0.0003896	0.000200 - 0.000600
Arm Offset	-1454.60	-1454.60	-5000.00 - 3000.00
Arm Gain	0.0005255	0.0005255	0.000300 - 0.000700
Arm Power	-0.000005746	-0.000005746	-0.000010 - 0.000010

The ring diameter is computed from: DIAMETER = PAD EXTENSION + ARM EXTENSION + TOOL DIAMETER

Tool Diameter: 4.50 in

#### CALIBRATION RINGS

Measurement	Current Reading (Previous Coeff.)	Calibrated (New Coeff.)	Change	Control Limit On New Value
PAD EXTENSION:				
Small Ring (in)	2.00	2.00	0.0000	+/- 0.200
Medium Ring (in)	3.75	3.75	0.0000	+/- 0.200
RING DIAMETER:				
Small Ring (in)	6.50	6.50	0.0000	+/- 0.200
Medium Ring (in)	8.25	8.25	0.0000	+/- 0.200
Large Ring (in)	15.00	15.00	0.0000	+/- 0.200

**PASS/FAIL SUMMARY**

Calibration-Coefficients Range Check:	Passed
Ring-Measurement Check:	Passed

**PASS/FAIL SUMMARY**

Calibration-Coefficients Range Check:	Passed
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**SDLT CALIPER FIELD CALIBRATION**

Tool Name:	SDLT - I378_M477_P870	Reference Calibration Date:	21-Mar-08 10:02:22
Engineer:	RICK WHITLOCK	Calibration Date:	21-Mar-08 10:04:10
Software Version:	WL INSITE R2.0 (Build 22)	Calibration Version:	1

**MEASURED CALIPER VALUES**

Measurement	Shop	Field	Change	Control Limit On New Value
Pad Extension	3.75	3.75	0.00	+/- 0.10
Ring Diameter	8.25	8.30	0.05	+/- 0.15

**PASS/FAIL SUMMARY**

Pad Extension Check:	Passed
Diameter Check:	Passed

**ARRAY COMPENSATED TRUE RESISTIVITY SHOP CALIBRATION**

Tool Name:	ACRt - I816_S708	Reference Calibration Date:	02-Jan-08 10:51:08
Engineer:	DANIEL SANDERS	Calibration Date:	05-Mar-08 13:47:21
Software Version:	WL INSITE R2.0 (Build 22)	Calibration Version:	1

**TYPICAL GAIN RANGE**

Subarray	R12KHz			R36KHz			R72KHz		
	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper
A1 (80")	0.95	0.9391	1.05	0.95	0.9345	1.05	0.95	0.9304	1.05
A2 (50")	0.95	0.9366	1.05	0.95	0.9317	1.05	0.95	0.9278	1.05
A3 (29")	0.95	0.9352	1.05	0.95	0.9325	1.05	0.95	0.9317	1.05
A4 (17")	0.95	0.9980	1.05	0.95	0.9963	1.05	0.95	0.9992	1.05
A5 (10")	N/A	N/A	N/A	0.95	0.9897	1.05	0.95	0.9903	1.05
A6 (6")	N/A	N/A	N/A	0.95	0.9862	1.05	0.95	0.9875	1.05

**TYPICAL SONDE OFFSET RANGE**

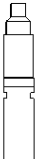
Subarray	R12KHz	R36KHz	R72KHz
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	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper
A1 (80")	-3	-1.899	-1	-6	-4.723	-2	-6	-5.071	-2
A2 (50")	-6	-4.504	-2	-6	-4.593	-2	-6	-4.619	-2
A3 (29")	-27	-19.324	-9	-9	-5.456	-3	-9	-4.572	-3
A4 (17")	-180	-115.481	-60	-45	-34.980	-15	-39	-26.612	-13
A5 (10")	N/A	N/A	N/A	-150	-102.323	-50	-90	-50.581	-30
A6 (6")	N/A	N/A	N/A	175	324.749	525	90	161.031	270

TRANSMITTER CURRENT GAIN							R-MUD VERIFICATION		
Signal	Lower	R	Upper	Signal	Lower (ohm-m)	Measured (ohmm)	Upper (ohm-m)		
12K	0.75	0.8369	1.4	Mud Cell	0.95	1.003	1.05		
36K	1.0	1.1621	2.4						
72K	1.25	1.3141	2.5						

CALIBRATION SUMMARY						
Sensor	Shop	Field	Post	Difference	Tolerance	Units
GTET-10971172						
Gamma Ray Calibrator	215.0	213.7	-----	1.3	+/- 9.0	api
DSNT-10951378						
Snow-Block Porosity	0.0789	0.0785	0.0877	-0.0092	+/- 0.0150	decp
SDLT-I378_M477_P870						
Near(B+D+P+L)	1622.760	1624.177	-----	-1.417	+/- ----	cps
Far(B+D+P+L)	1008.381	1008.674	-----	-0.293	+/- ----	cps
CALIPER RING 1	8.25	8.30	-----	-0.05	+/- xxxx	in

Data: STORMCT_ROBERTS\0001 GTET-DSNT-SDLT-ACRT\IDLE	Date: 02-Apr-08 20:16:18
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HALLIBURTON						
TOOL STRING DIAGRAM REPORT						
Description	OD/Sensors	Diagram	Sensors	Tool Length	Accumulated Length	
CH-PROT01 30.00 lbs	O.D. = 3.63 in			1.92 ft	50.79 ft 48.87 ft	

GTET-10971172  
165.00 lbs

O.D. = 3.63 in

8.46 ft

← GammaRay @ 42.87 ft

40.41 ft

DSNT-10951378  
174.00 lbs

O.D. = 3.63 in

9.69 ft

← DSN Far @ 33.47 ft

← DSN Near @ 32.72 ft

30.72 ft

SDLT-1378\_M477\_P870  
360.00 lbs

O.D. = 4.50 in

10.81 ft

O.D. = 4.75 in

← SDL Microlog @ 22.91 ft

← SDL Caliper @ 22.73 ft

← SDL @ 22.72 ft

19.91 ft

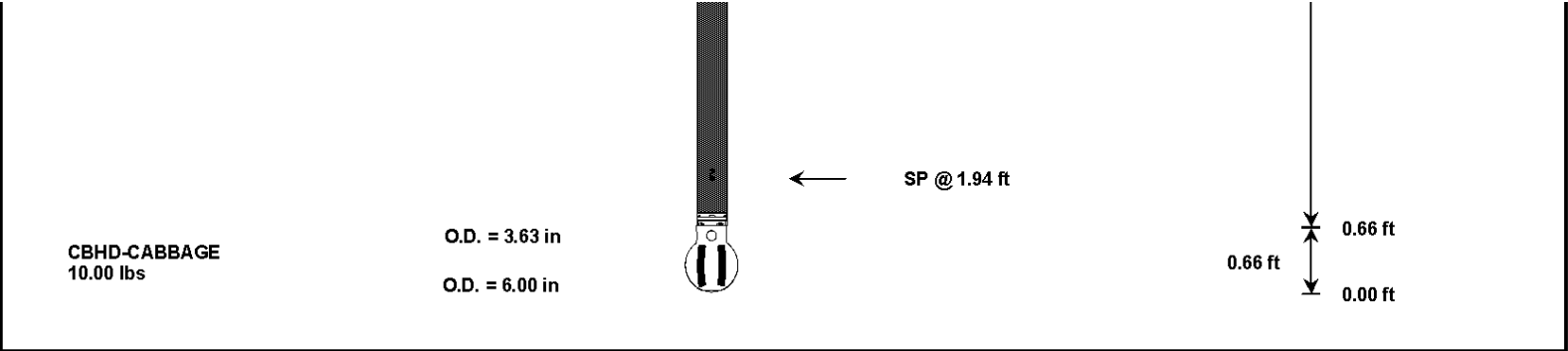
← Mud Resistivity @ 13.52 ft

ACRt-I816\_S708  
250.00 lbs

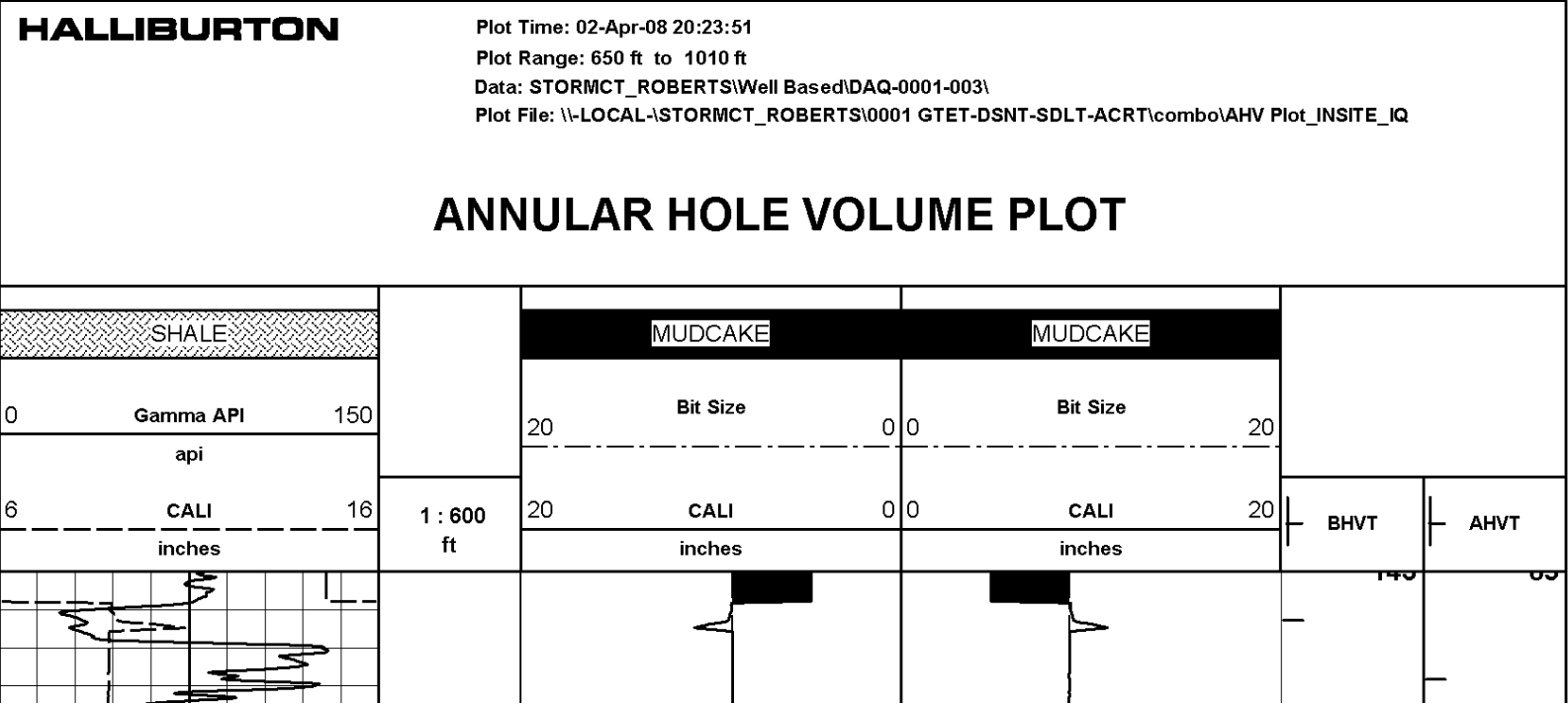
O.D. = 3.63 in

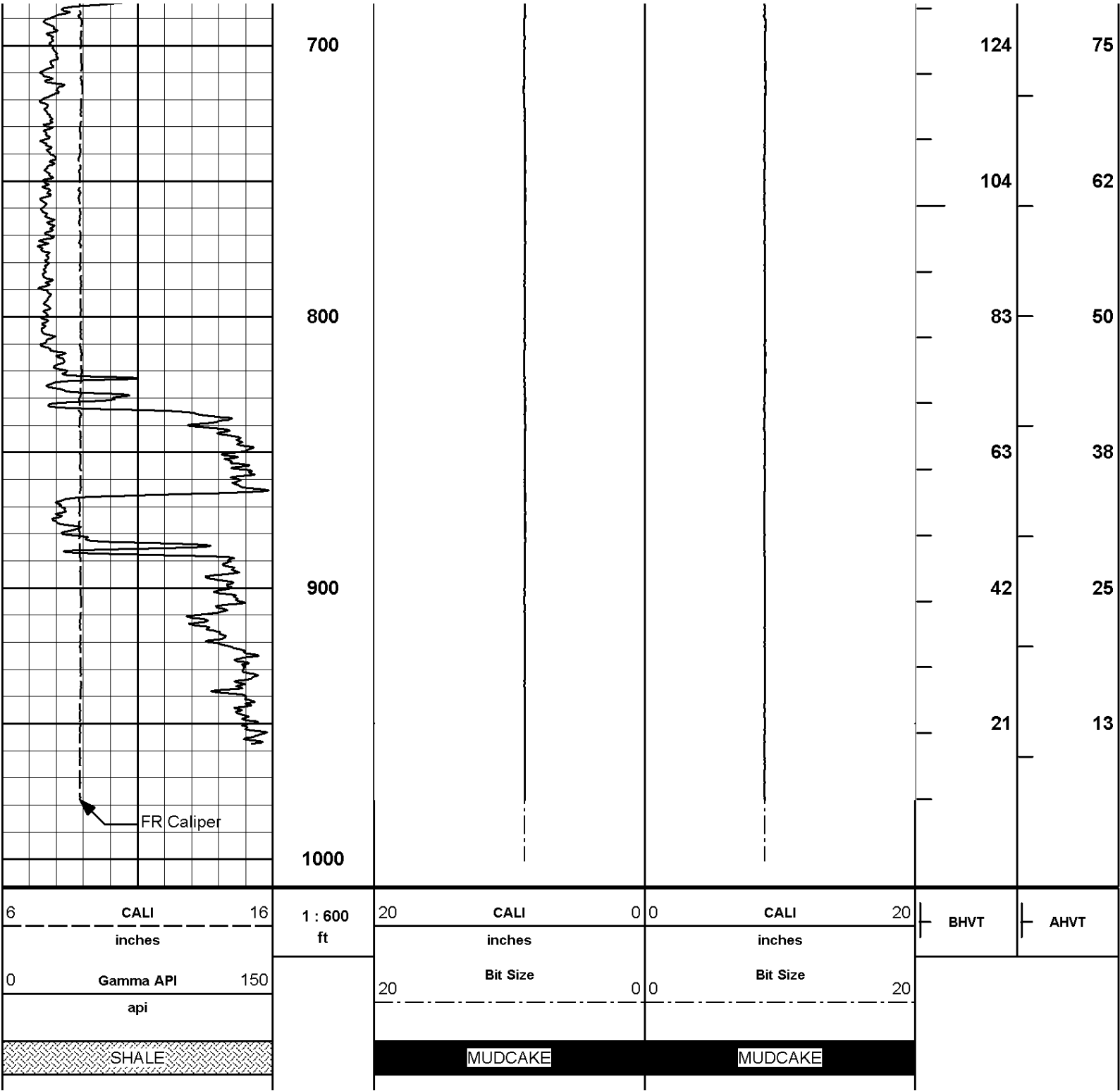
19.25 ft

← ACRt @ 9.54 ft



Tool Mnemonic	Tool Name	Serial Number	Weight (lbs)	Length (ft)	Length Accumulation (ft)	Max Logging Speed (fpm)
CH	Cable Head	PROT01	30.00	1.92	48.87	300.00
GTET	GTET	10971172	165.00	8.46	40.41	60.00
DSNT	DSNT	10951378	174.00	9.69	30.72	60.00
SDLT	SDLT	I378_M477_P870	360.00	10.81	19.91	60.00
ACRt	ACRt	I816_S708	250.00	19.25	0.66	300.00
CBHD	Cabbage Head	CABBAGE	10.00	0.66	0.00	300.00
Total			989.00	50.79		60.00
Data: STORMCT_ROBERTS\0001 GTET-DSNT-SDLT-ACRT\IDLE						Date: 02-Apr-08 20:17:11







HALLIBURTON

Plot Time: 02-Apr-08 20:23:52  
Plot Range: 650 ft to 1010 ft  
Data: STORMCT\_ROBERTS\Well Based\DAQ-0001-003\  
Plot File: \\-LOCAL-STORMCT\_ROBERTS\0001 GTET-DSNT-SDLT-ACRT\combo\AHV Plot\_INSITE\_IQ

ANNULAR HOLE VOLUME PLOT

COMPANY STORM CAT ENERGY (USA) OPERATING CORP.

WELL ROBERTS 1-13H

FIELD B-43

COUNTY VAN BUREN STATE ARKANSAS

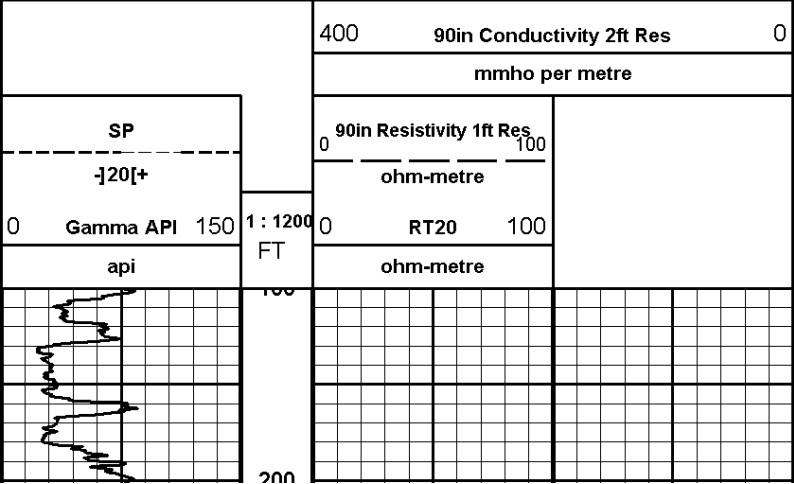
HALLIBURTON

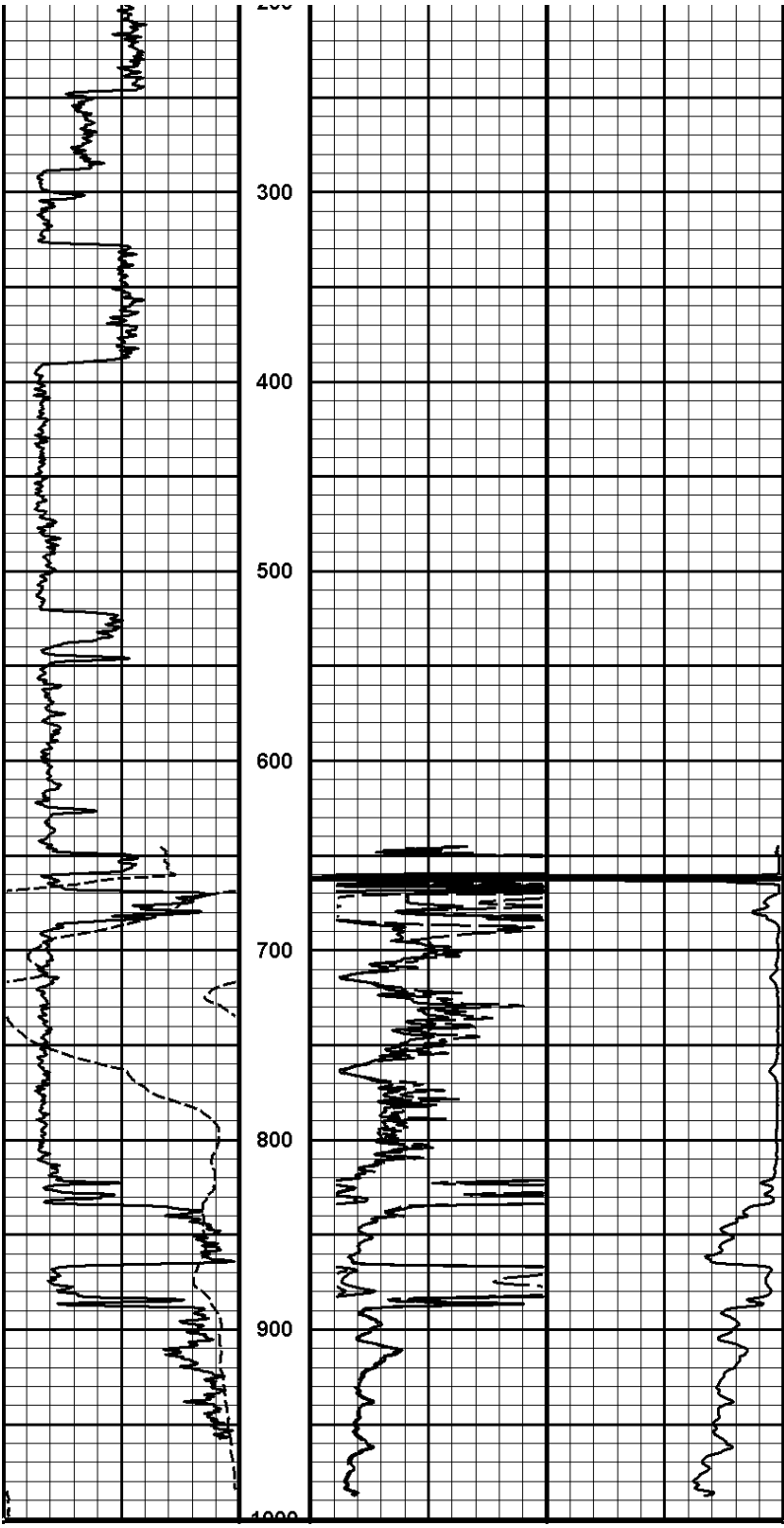
ARRAY COMPENSATED  
RESISTIVITY  
SPECTRAL DENSITY  
DUAL SPACED NEUTRON  
MICROLOG

HALLIBURTON

Plot Time: 02-Apr-08 20:23:53  
Plot Range: 100 ft to 1000 ft  
Data: STORMCT\_ROBERTS\Well Based\DAQ-0001-003\  
Plot File: \\-LOCAL-STORMCT\_ROBERTS\0001 GTET-DSNT-SDLT-ACRT\combo\ACRT\_1\_main

1 INCH MAIN LOG





0	Gamma API	150	1 : 1200	0	RT20	100
api			FT	ohm-metre		
SP				90in Resistivity 1ft Res		
-120[+				ohm-metre		
				400	90in Conductivity 2ft Res	0
				mmho per metre		

HALLIBURTON

Plot Time: 02-Apr-08 20:23:54

Plot Range: 100 ft to 1000 ft

Data: STORMCT\_ROBERTS\Well Based\DAQ-0001-003\

Plot File: \\LOCAL-STORMCT\_ROBERTS\0001 GTET-DSNT-SDLT-ACRT\combo\ACRT\_1\_main

1 INCH MAIN LOG