



FILE NO: \_\_\_\_\_ COMPANY **MERIT ENERGY COMPANY**  
 WELL **CARRIE 15-1**  
 FIELD **WILDCAT**  
 COUNTY **FINNEY** STATE **KANSAS**  
 API NO: 15-093-21978-00-00

Ver. 4.15 LOCATION: 1632 FEL & 2315 FNL  
 SEC 15 TWP 23S RGE 35W  
 OTHER SERVICES  
 DAL/GR  
 HDIL/GR  
 ZDLCN/GR  
 ZDLCN/HDIL/GR  
 ML/GR

PERMANENT DATUM GL ELEVATION 3020.6 FT  
 LOG MEASURED FROM KB 12 FT ABOVE P.D.  
 DRILL. MEAS. FROM KB

ELEVATIONS:  
 KB 3033 FT  
 DF 3032 FT  
 GL 3021 FT

DATE	05-Mar-2020
RUN	1
TRIP	1
SERVICE ORDER	US166109
DEPTH DRILLER	5000 FT
DEPTH LOGGER	5001 FT
BOTTOM LOGGED INTERVAL	5001 FT
TOP LOGGED INTERVAL	1828 FT
CASING DRILLER	8.625 IN @ 1832 FT
CASING LOGGER	1828 FT
BIT SIZE	7.875 IN
TYPE OF FLUID IN HOLE	OBM
DENSITY	9.35 LB/G
VISCOSITY	52 CP
PH	11
FLUID LOSS	6.4 C3
SOURCE OF SAMPLE	PIT
RM AT MEAS. TEMP.	3.038 OHMM @ 75 DEGF
RMC AT MEAS. TEMP.	2.278 OHMM @ 75 DEGF
RMC AT MEAS. TEMP.	3.797 OHMM @ 75 DEGF
SOURCE OF RMC	CALCULATED
RMC	CALCULATED
RM AT BHT	2.024 OHMM @ 116 DEGF
TIME SINCE CIRCULATION	5 HRS
MAX. RECORDED TEMP.	116 DEGF
EQUIP. NO.	HL-6670
LOCATION	OKC, OK
RECORDED BY	S. Yassa
WITNESSED BY	MR. M. Lange

**IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE THE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.**

**REMARKS**

RUN 1 TRIP 1: 1 OPERATION IN WELL  
 HDIL/DAL/ML/ZDL/CN/GR RUN IN COMBINATION

CVOL CALCULATED FOR PROPOSED 5.5" CASING  
 CALIPER VERIFIED IN CASING

ZDL & CN RUN ON LIMESTONE MATRIX  
 RHO MATRIX: 2.68 G/CC

HDIL RUN WITH 0.5" STANDOFFS  
 ABC TO CALCULATED: MUD CONDUCTIVITY

ACOUSTIC POROSITY RUN ON LIMESTONE MATRIX

WELLBORE RUGOSITY WILL AFFECT THE ACCURACY OF MEASUREMENTS

CREW: D.HUTCHISON, K.REED  
 RIG: DUKE RIG 9

## EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	TTRM	3981 XA	10045153	FREE
1	1	COMREM	3514 XC	12367091	FREE
1	1	DGR	1329 XA	179184	FREE
1	1	CN	2446 XA	10162846	DECENTRALIZED
1	1	ZDL	2234 XA	10495112	PAD DEVICE
1	1	DKJT	3939 XA	186262	FREE
1	1	DAL	1677EA/1680MA	10192401/151555	CENTRALIZED
1	1	CENT	4341XA	177195	CENTRALIZED
1	1	HDIL	1515 EA/MA	10059243/179553	1.5" STANDOFFS
1	1	ML	1243XA	10676690	PAD DEVICE

## BOREHOLE PROFILE LOG FOR 5.5IN CASING

ECLIPS 7.0i ECLIPS General Release Rel 7.0i Thu Jun 08 20:36:10 CDT 2017  
 Updates: 1,32 Patches: 7

Plotted: Fri Mar 6 01:15:41 2020

### PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/MERIT\_CARRIE\_15\_1/GSALM\_DAL02.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 1723.250 ft BOTTOM DEPTH: 5007.500 ft

### SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
TENSION	FILTER ()	medium (1)		TOP	BOTTOM
GR	FILTER ()	medium (1)		"	"
CALIPER	FILTER ()	medium (1)		"	"

### BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	5.500	in	TOP	BOTTOM
X-Y COMBINED CALIPER PROCESSING	X-Y Caliper	X-Axis		"	"
BIT SIZE	BIT SIZE	7.875	in	"	"

### CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:BIT	Mar 5 21:33:50 2020	BIT SIZE
F1:BVOL	Mar 5 21:33:50 2020	BOREHOLE VOLUME
F1:CALX	Mar 5 21:33:50 2020	CALIPER FROM X-AXIS OF XY CALIPER(S)
F1:CVOL	Mar 5 21:33:50 2020	CEMENT VOLUME
F1:GR	Mar 5 21:33:50 2020	GAMMA RAY
F1:TEN	Mar 5 21:33:50 2020	DIFFERENTIAL TENSION

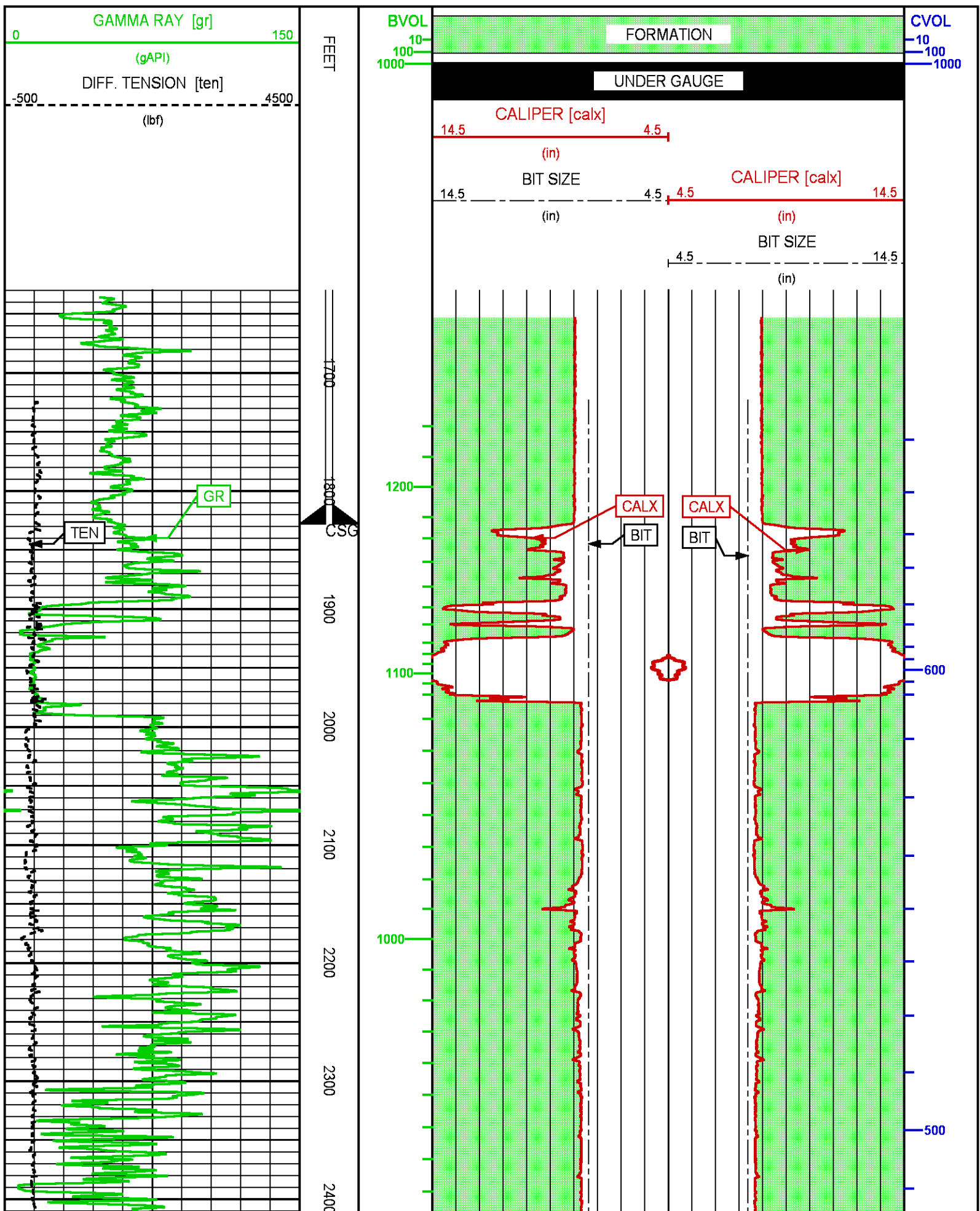
### CURVE MEASURE POINT OFFSET

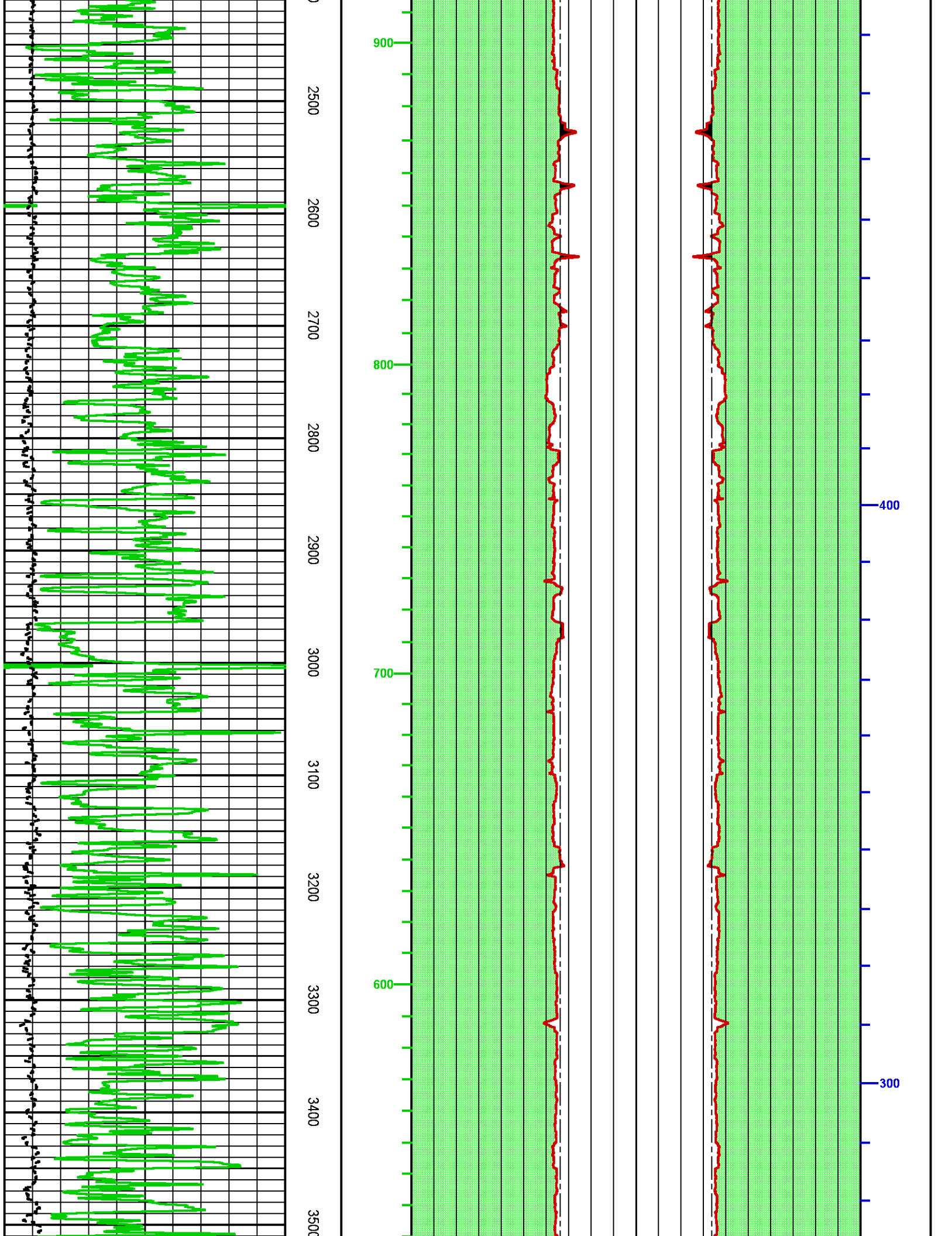
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
BIT	0.00	CALX	-71.00	GR	-88.12	TEN	0.00

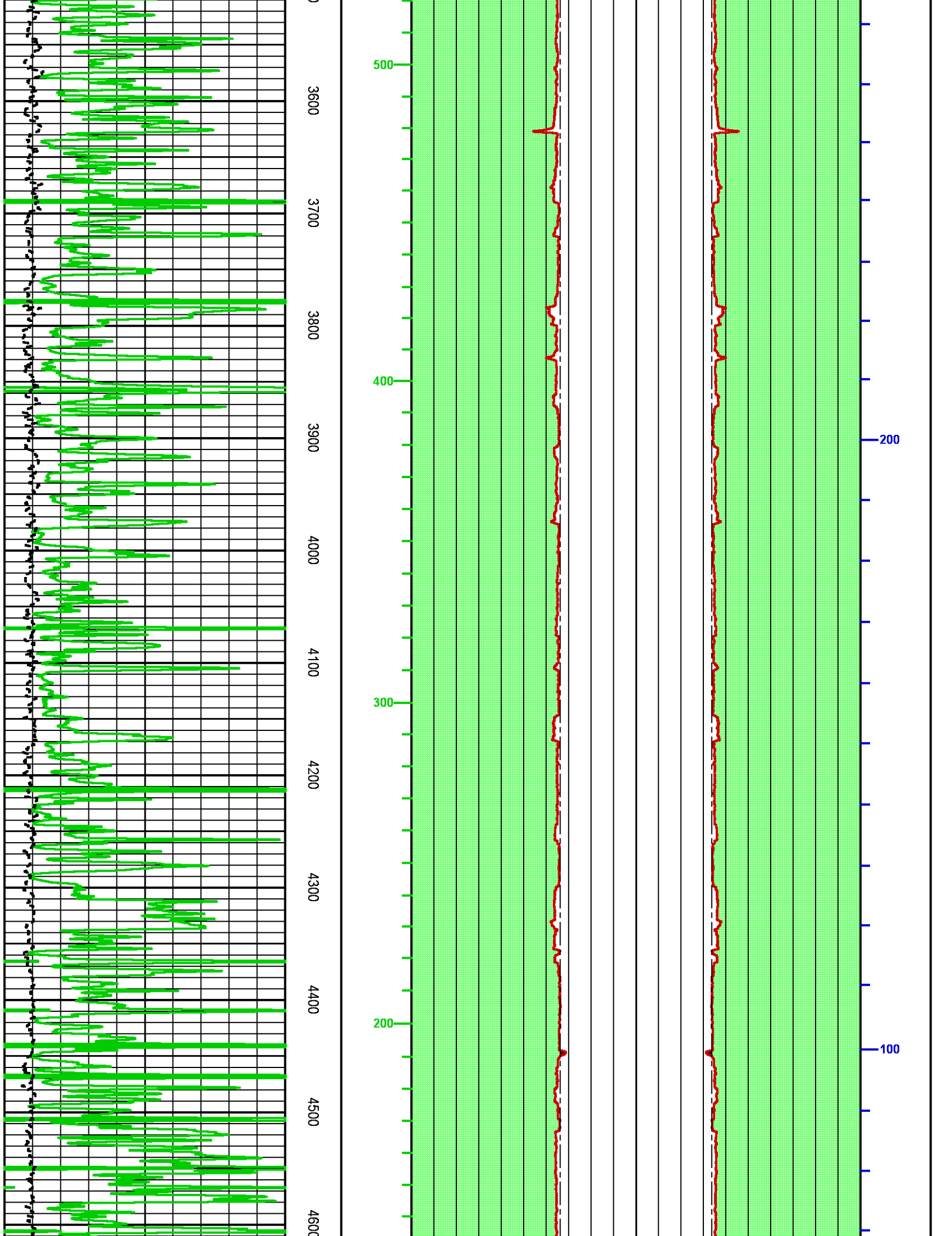
Presentation : cpu6728:/dat1a/MERIT\_CARRIE\_15\_1/BHP.fvpdf [1"/100' Scale]  
 Plot Interval : 1636.25 - 5007.5 Feet

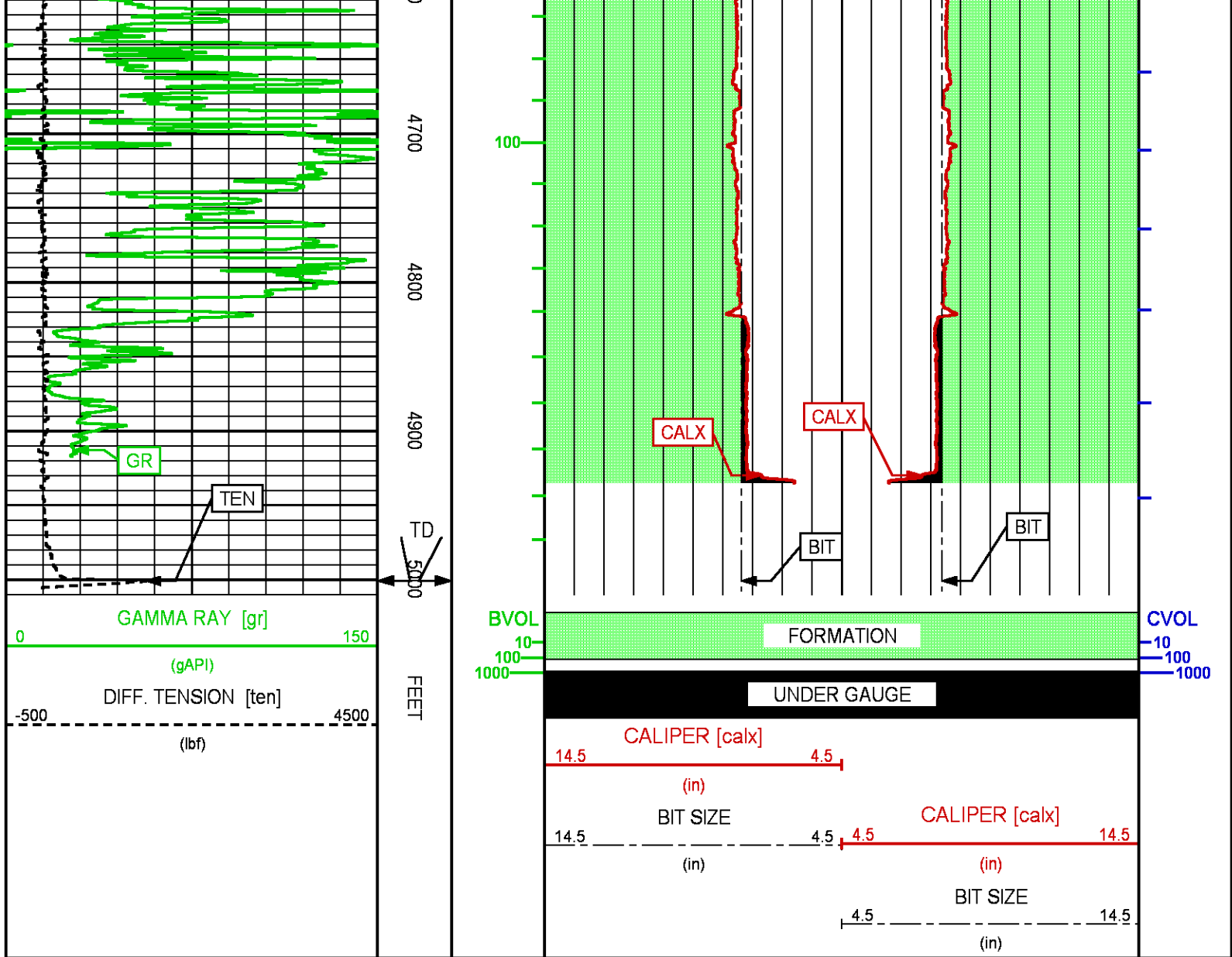
Data File 1 : F1 : cpu6728:/dat1a/MERIT\_CARRIE\_15\_1/MAIN.xtf  
 Created On : Mar 5 21:33:50 2020  
 Company : MERIT ENERGY COMPANY



Company : MERT ENERGY COMPANY  
Well : CARRIE 15-1  
Field : WILDCAT  
File Interval : 1621.75 - 5007.5 Feet  
OCT : GSALM\_DA









 	<b>COMPANY</b> <u>MERIT ENERGY COMPANY</u> <b>WELL</b> <u>CARRIE 15-1</u> <b>FIELD</b> <u>WILDCAT</u> <b>COUNTY</b> <u>FINNEY</u> <b>STATE</b> <u>OKLAHOMA</u>	<b>FILE NO:</b> _____ <b>API NO:</b> <u>15-093-21978-00-00</u>
	<b>LOCATION:</b> <u>1632 FEL &amp; 2315 FNL</u>  <b>SEC</b> <u>15</u> <b>TWP</b> <u>23S</u> <b>RGE</b> <u>35W</u>	<b>ELEVATIONS:</b> <b>KB</b> 3033 FT <b>DF</b> 3032 FT <b>GL</b> 3021 FT  <b>DATE</b> <u>05-Mar-2020</u>