Tucker WIRELINE SERVICES

PHASED INDUCTION

SHALLOW FOCUS SP LOG

Company RUNNING FOXES PETROLEUM
Well SHAW #2-25C-1
Field WILDCAT
County BOURBON
State KS
Country USA
API No. 15-011-23862-00-00

File No : TUL-57669
Company : RUNNING FOXES PETROLEUM INC.
Well : SHAW #2-25C-1
Field : WILDCAT
County : BOURBON
State : KS
Country : USA
API No : 15-011-23862-00-00

Location :
780' FNL & 780' FEL
NE SW NE NE

LSD : **Sect :** 25 **Twp :** 24S **Rge :** 25E

Permanent Datum:	GL		**Elevations:**			**Services:**
Drilling Measured From:	GL		**KB**	0.00	Ft	CNT
Log Measured From:	GL		**DF**	0.00	Ft	LDT
Above Permanent Datum:	0.00	Ft	**GL**	867.00	Ft	PIT

Date	03-07-2012						
Run Number	1						
Depth--Driller	362.0	Ft					
Depth--Logger	364.0	Ft					
First Reading	365.0	Ft					
Last Reading	20.0	Ft					
Casing--Driller	20.0	Ft					
Casing--Logger	20.0	Ft					
Bit Size	6.250	In					
Casing Size	8.625	In					
Hole Fluid Type	FRESH / NATIVE						
Density	0.0	LBS/GAL					
Fluid Loss	0.0	CC					
PH/Viscosity	0.0	0.0 SEC					
Sample Source	MEASURED						
RM@Measured Temp.	10.000 @ 70	F					
RMF@Measured Temp	8.500 @ 70	F					
RMC@Measured Temp.	11.500 @ 70	F					
Source RMF/RMC	CALCULATED	CALCULATED					
RM@BHT	10.000 @ 70	F					
Time Circulation Stopped							
Max Recorded Temp.	70	F					
Equipment/Base	123	TULSA					
Recorded By	R. FRANKLIN						
Witnessed By	G. BRATTON, C. COUNTS						

Bitsize Intervals

Size (In)	Bottom (Ft)
6.250	362.00

Casing Strings

Size (In)	Weight (Lbs)	Bottom (Ft)
8.625	24.00	20.00

Run Number	1		
Date	03-07-2012		
Date/Time On Bottom			
Depth to Fluid	25.0	Ft	
Salinity	0.000	PPM	
RMF@BHT	8.500 @ 70	F	
RMC@BHT	11.500 @ 70	F	

Run Number 1

Comments

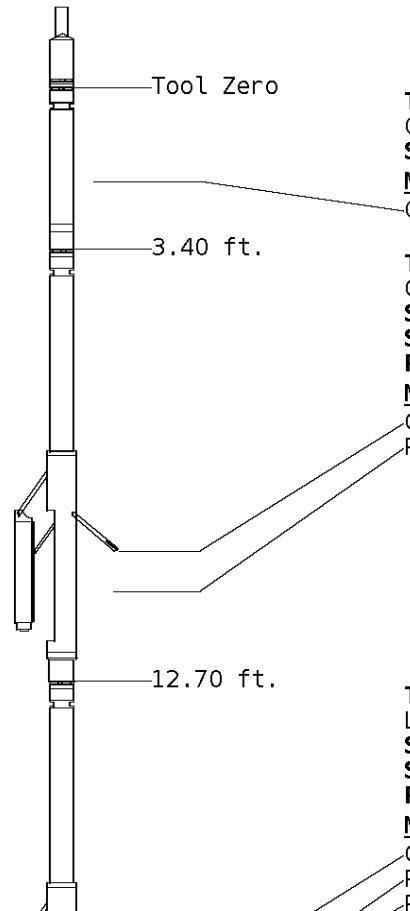
ALL PRESENTATIONS AS PER CUSTOMER REQUEST.
GRT, CNT, LDT, AND PIT RUN IN COMBINATION.
CALIPERS ORIENTED ON X-Y AXIS.
2.17 G/CC USED TO CALCULATED POROSITY.
ANNULAR HOLE VOLUME CALCULATED UISING 2.875" PRODUCTION CASING.

GRT: GRP.
CNT: PHIN, CLCNIN.
LDT: PORL, LCORN, PECLN, LDENN, PORLLS, CLLDIN.
PIT: ILD, ILM, SPU, SFLAEC.

OPERATORS:
A. WARREN
N. LOYD
B. STEPHENS

Tool String Schematic

Total Tool Length - 43.91 **ft.**
Maximum Outside diameter - 4.80 **in.**
Net Weight in Air - 743.00 **lbs.**



Tool: GRT-B **Length:** 3.40 **ft.** **O.D.** 3.60 **in.**
Gamma Ray Controller
Sonde ID :GRT-BA-14

Measure Point	Tool Offset	Stack Offset	Bottom Offset
GRP	2.00	2.00	41.91

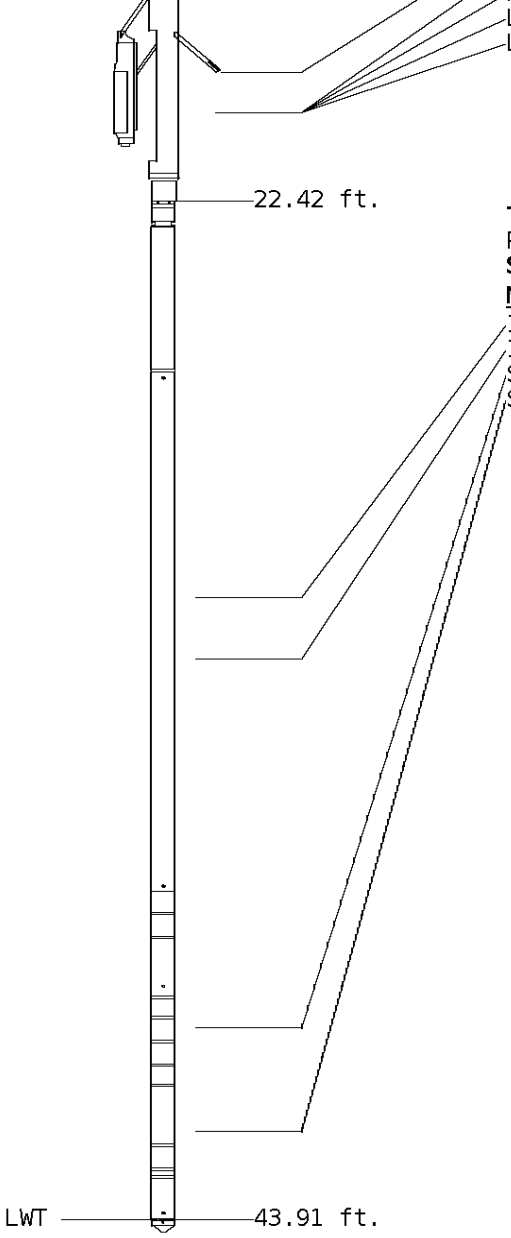
Tool: CNT-AA **Length:** 9.30 **ft.** **O.D.** 4.36 **in.**
Compensated Neutron A Pad on NDT-A
Sonde ID :NDT-BD-123
Source ID :N-1046
Pad ID :CNP-AA-024

Measure Point	Tool Offset	Stack Offset	Bottom Offset
CLCN	6.00	9.40	34.51
PHIN	6.80	10.20	33.71

Tool: LDT-DF **Length:** 9.72 **ft.** **O.D.** 4.80 **in.**
Litho Density D Pad on NDT-F
Sonde ID :PDT-GA-466
Source ID :2991GW
Pad ID :LDP-DA-067

Measure Point	Tool Offset	Stack Offset	Bottom Offset
CLLD	6.42	19.12	24.79
PEL	7.42	20.12	23.79
PES	7.82	20.52	23.39

LDEN	7.62	20.32	23.59
LCOR	7.62	20.32	23.59



Tool: PIT-CA **Length:** 21.49 **ft.** **O.D.** 3.62 **in.**
Phased Dual Induction w/ RM & D
Sonde ID :PIT-AC-022

Measure Point	Tool Offset	Stack Offset	Bottom Offset
ILD	8.92	31.34	12.56
ILM	10.10	32.52	11.39
SFLU	17.49	39.91	4.00
SP	20.60	43.02	0.88

Well File: RFP_SHA_2-25C-1_MAR_7_STK **Scale:** 1:600
Segment: V1.D1.S6 MAIN **Acquired:** 2012-03/07 13:46 3.2.0-10367
Reference: 0 **Processed:** 2012-03/07 14:20 3.2.0-10367

TENSION
LBS
10000 — 0

SHALLOW FOCUSED RESISTIVITY
OHMM
0.0 — 500.0
0.0 — 50.0

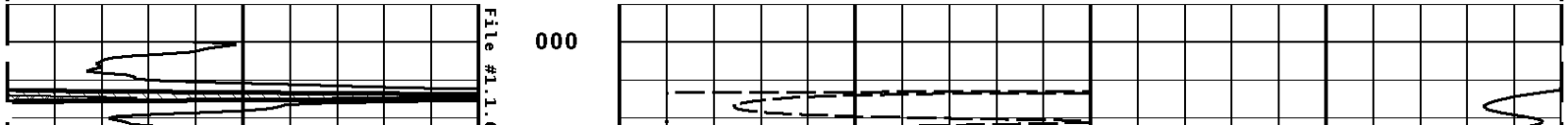
SPONTANEOUS POTENTIAL
mV
→| |←20

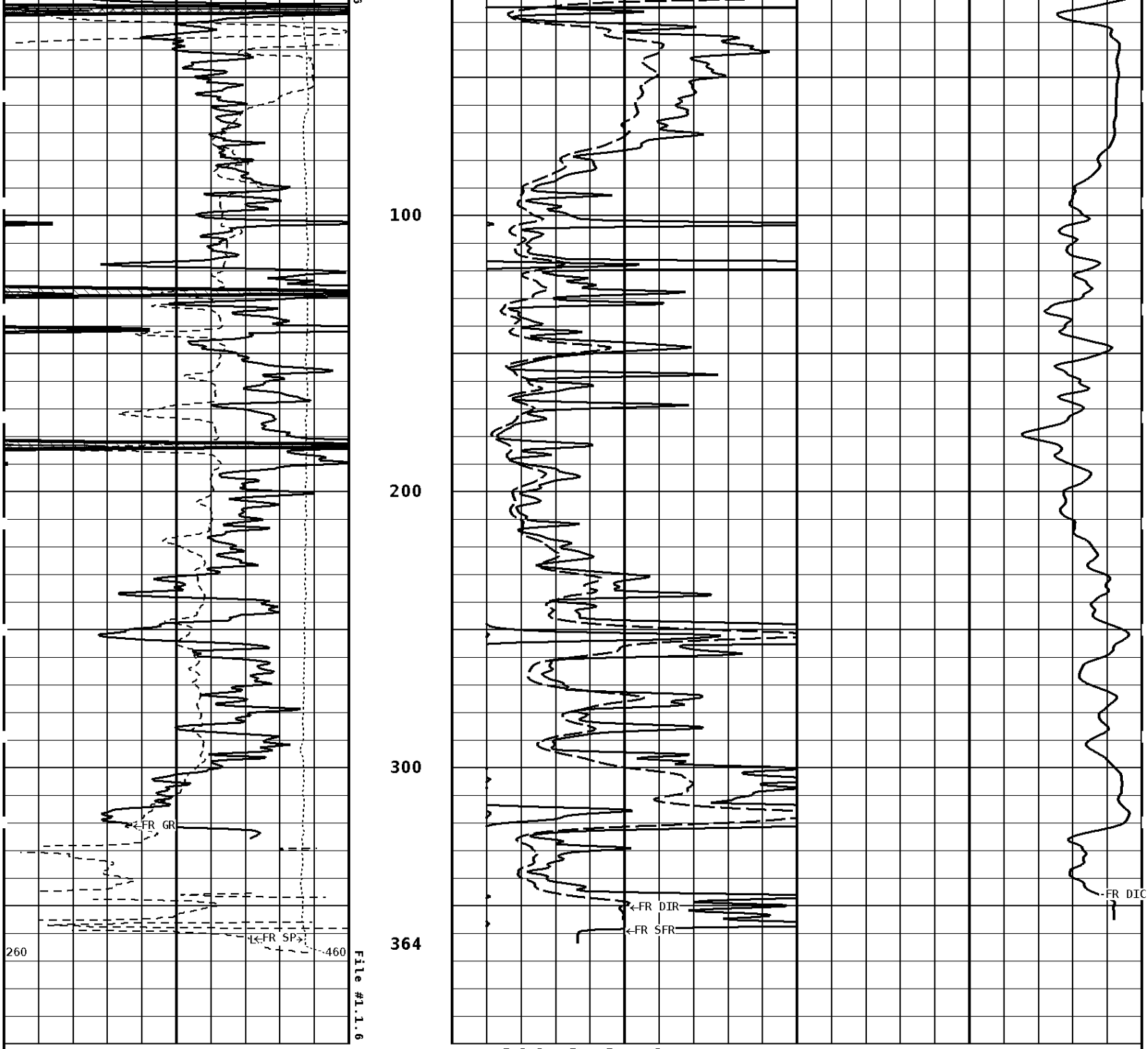
DEEP INDUCTION
OHMM
0.0 — 500.0
0.0 — 50.0

GAMMA RAY
API UNITS
200 — 400
0 — 200

DEEP CONDUCTIVITY
MMHO
2000 — 1000
1000 — 0

1:600 SECTION





1:600 SECTION

GAMMA RAY
API UNITS
200 400
0 200

SPONTANEOUS POTENTIAL
mV
→ ←20

TENSION
LBS
10000 0

DEEP CONDUCTIVITY
MMHO
2000 1000
1000 0

DEEP INDUCTION
OHMM
0.0 500.0
0.0 50.0

SHALLOW FOCUSED RESISTIVITY
OHMM
0.0 500.0
0.0 50.0

Well File: RFP_SHA_2-25C-1_MAR_7_STK **Scale:** 1:240

Segment: V1.D1.S6 MAIN
Reference: 0

Acquired: 2012-03/07 13:46 3.2.0-10367
Processed: 2012-03/07 14:20 3.2.0-10367

TENSION
LBS
10000 — 0

SPONTANEOUS POTENTIAL
mV
→| |←20

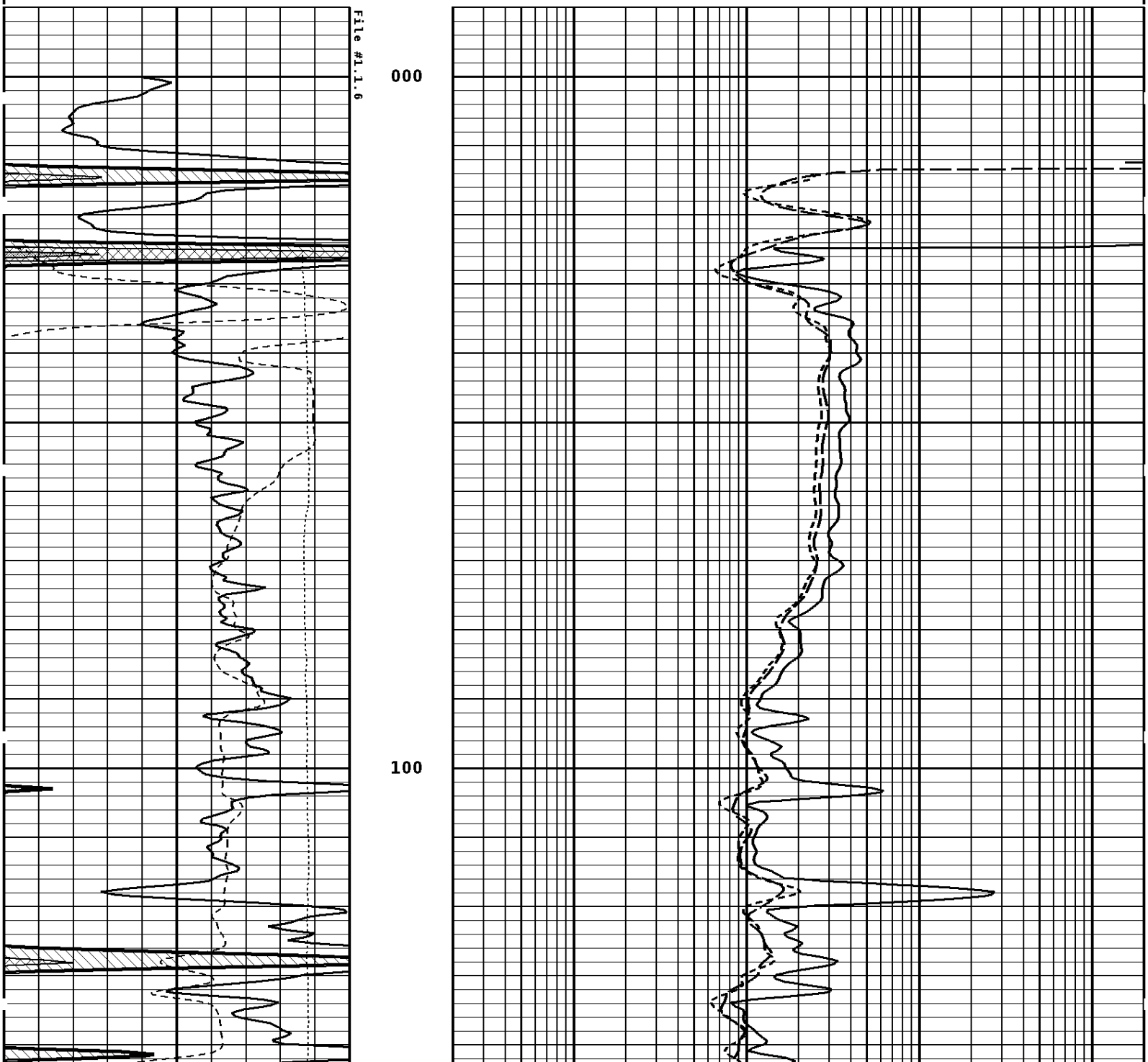
GAMMA RAY
API UNITS
200 — 400
0 — 200

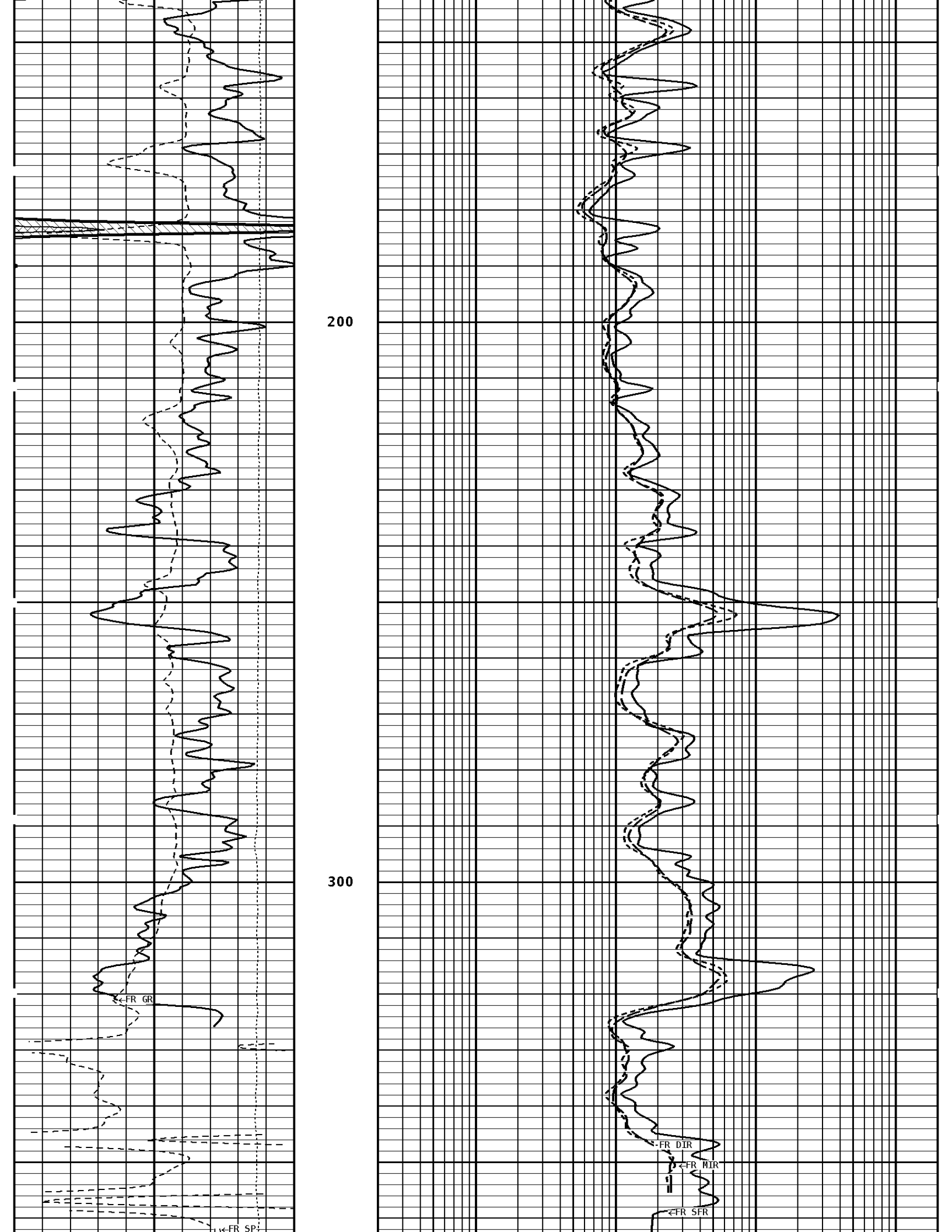
SHALLOW FOCUSED RESISTIVITY
OHMM
0.2 — 2000.0

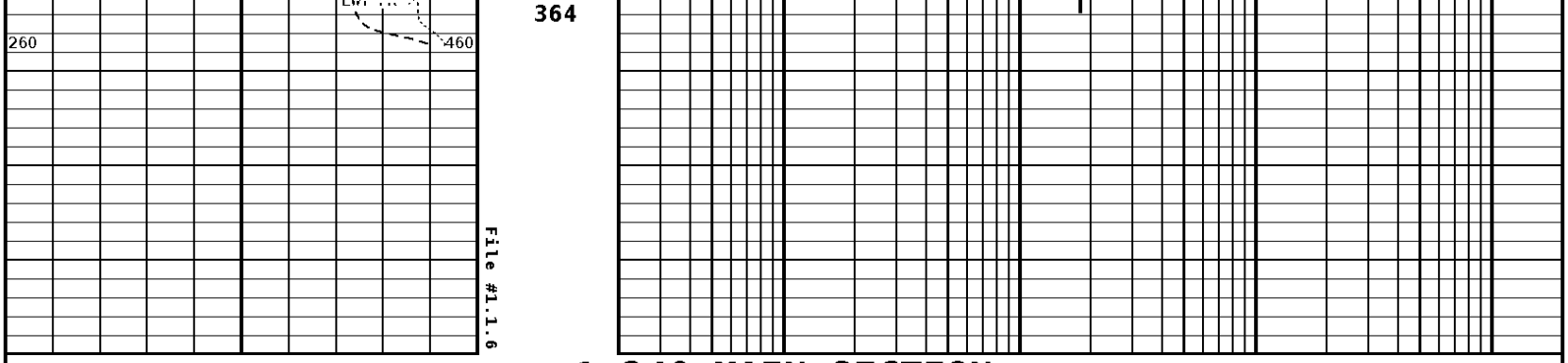
MEDIUM INDUCTION
OHMM
0.2 — 2000.0

DEEP INDUCTION
OHMM
0.2 — 2000.0

1:240 MAIN SECTION




200
300
FR GR
FR SP
FR DIR
FR MIR
FR SFR



1:240 MAIN SECTION

GAMMA RAY API UNITS		DEEP INDUCTION OHMM
200 400 0 200		0.2 2000.0
SPONTANEOUS POTENTIAL mV		MEDIUM INDUCTION OHMM
→| |←20		0.2 2000.0
TENSION LBS		SHALLOW FOCUSED RESISTIVITY OHMM
10000 0		0.2 2000.0

*** Borehole Zone Factors ***

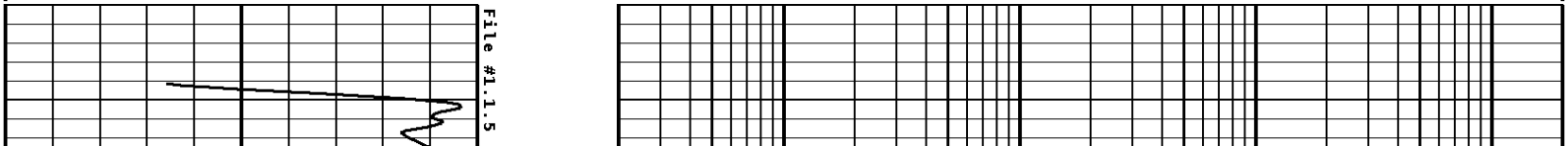
Zone 1 99999.0 to 0.0 Feet

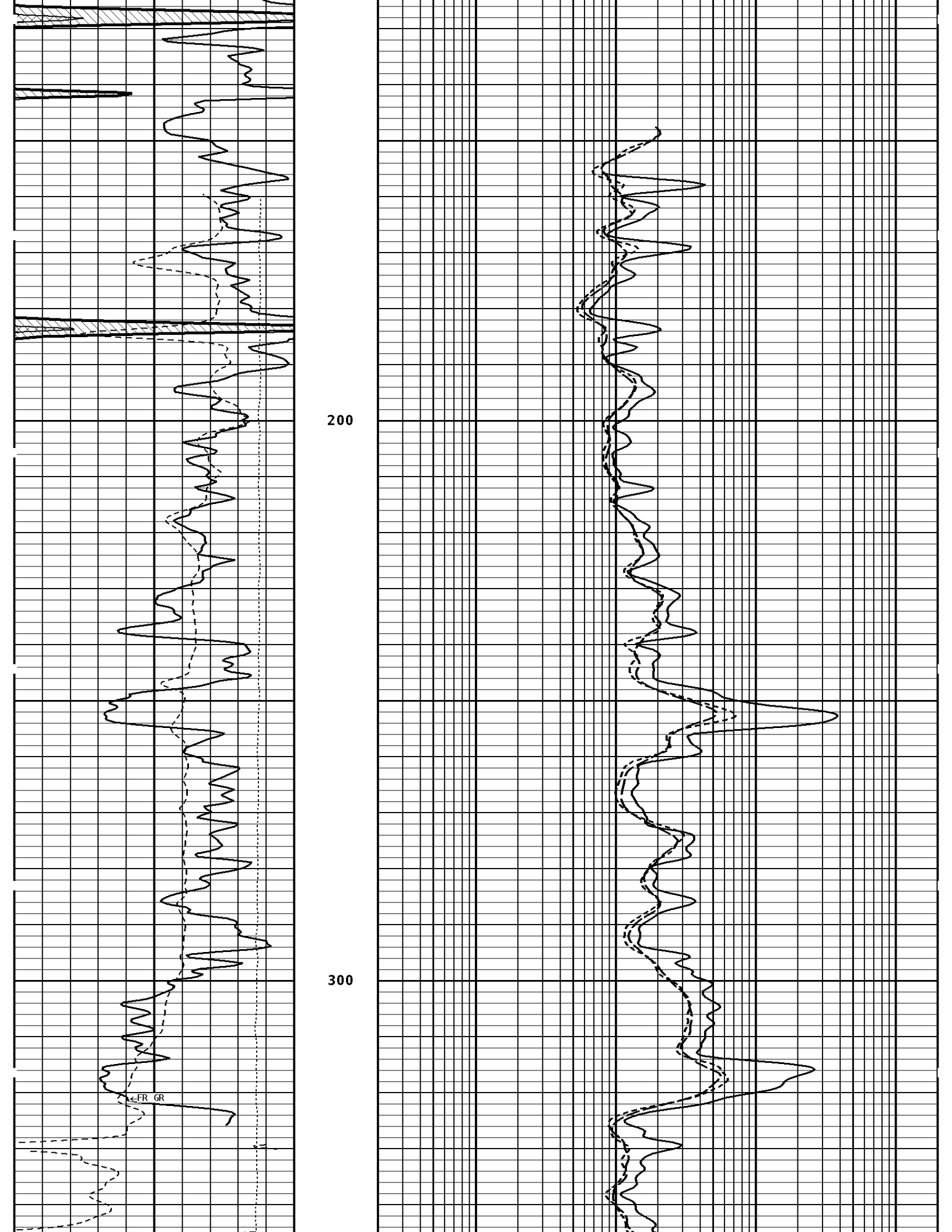
Drill Bit Size	6.250	in
BHT Depth	364.000	ft
Borehole Temperature	70.0	degF
Temperature Gradient	1.00	DFHF
Resistivity Of Mud	10.000	ohm/m
Resistivity Of Mud Temperature	70.00	degF

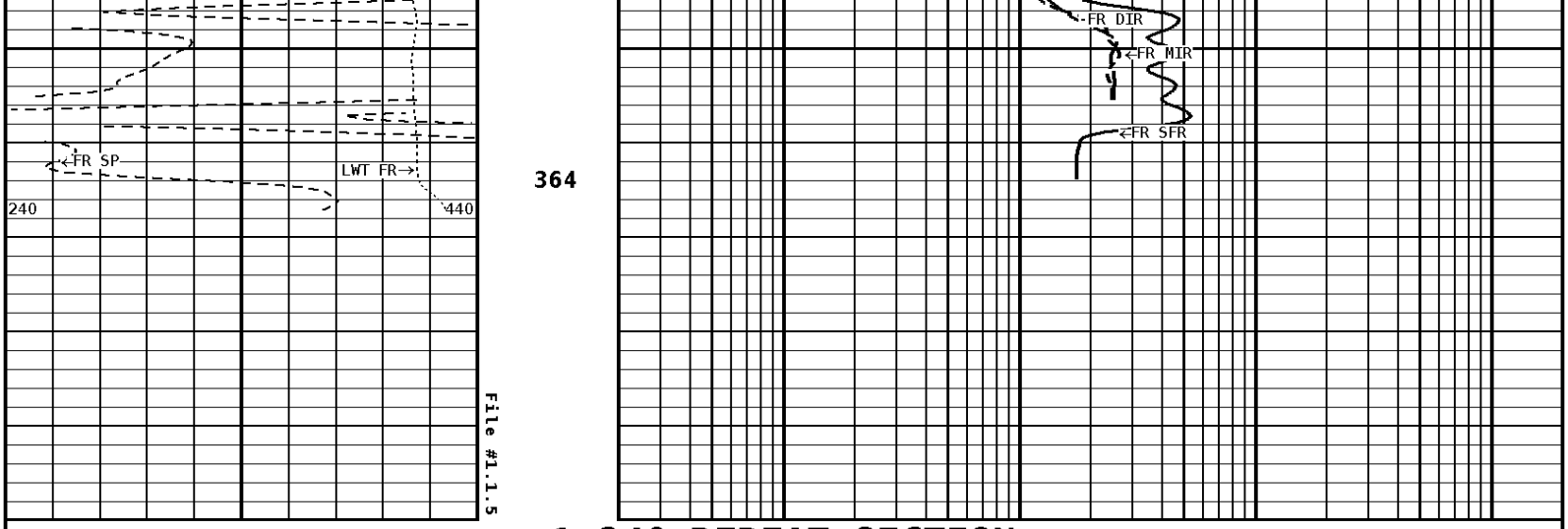
Well File: RFP_SHA_2-25C-1_MAR_7_STK **Scale:** 1:240
Segment: V1.D1.S5 REPEAT **Acquired:** 2012-03/07 13:34 3.2.0-10367
Reference: 0 **Processed:** 2012-03/07 14:20 3.2.0-10367

TENSION LBS		SHALLOW FOCUSED RESISTIVITY OHMM
10000 0		0.2 2000.0
SPONTANEOUS POTENTIAL mV		MEDIUM INDUCTION OHMM
→| |←20		0.2 2000.0
GAMMA RAY API UNITS		DEEP INDUCTION OHMM
200 400 0 200		0.2 2000.0

1:240 REPEAT SECTION




200
300
←FR GR



1:240 REPEAT SECTION

GAMMA RAY
API UNITS
200 400
0 200

SPONTANEOUS POTENTIAL
mV
→| |←20

TENSION
LBS
10000 0

DEEP INDUCTION
OHMM
0.2 2000.0

MEDIUM INDUCTION
OHMM
0.2 2000.0

SHALLOW FOCUSED RESISTIVITY
OHMM
0.2 2000.0

* Borehole Zone Factors *

Zone 1 99999.0 to 0.0 Feet

Drill Bit Size	6.250	in
BHT Depth	364.000	ft
Borehole Temperature	70.0	degF
Temperature Gradient	1.00	DFHF
Resistivity Of Mud	10.000	ohm/m
Resistivity Of Mud Temperature	70.00	degF

* Calibration Summary *

Shop Calibration
GRT-B

Performed : 21-Aug-2009 Time : 15:26
Sensor Suite : GR-GR5 ID : GRT-BA-14

	Measured Background	Measured Jig	Units	Calibrated Jig	Units
GR	49	347	CPS	175	GRAPI

Shop Calibration
PIT-CA

Performed : 30-JAN-2012 Time : 11:18
Sensor Suite : P-IND-T ID : PIT-AC-022

Medium

	Measured R	Measured X	Calibrated R	Calibrated X	Units
Air	129413	131202	-0.1	-0.1	MMHOS
Zero	131066	131071	72.6	-10.1	MMHOS
Reference	248746	249346	5072.6	4989.9	MMHOS
Loop	147468	174966	2617.1	1082.9	MMHOS
Sonde Error			-2.1	-6.8	MMHOS
Cond			5072.6	4989.9	MMHOS

Deep

	Measured R	Measured X	Calibrated R	Calibrated X	Units
Air	129586	130432	-0.1	0.0	MMHOS
Zero	131077	131073	31.9	6.8	MMHOS
Reference	238783	239471	2031.9	2006.8	MMHOS
Loop	148920	177248	1222.8	504.8	MMHOS
Sonde Error			-0.8	-9.2	MMHOS
Cond			2031.9	2006.8	MMHOS

Temperature

Measured Low	Measured High	Calibrated Low	Calibrated High	Units
16980.0	56920.0	70.0	350.0	DEGF

Performed : 30-Jan-2012 Time : 11:24
Sensor Suite : SFL ID : PIT-AC-022

Internal

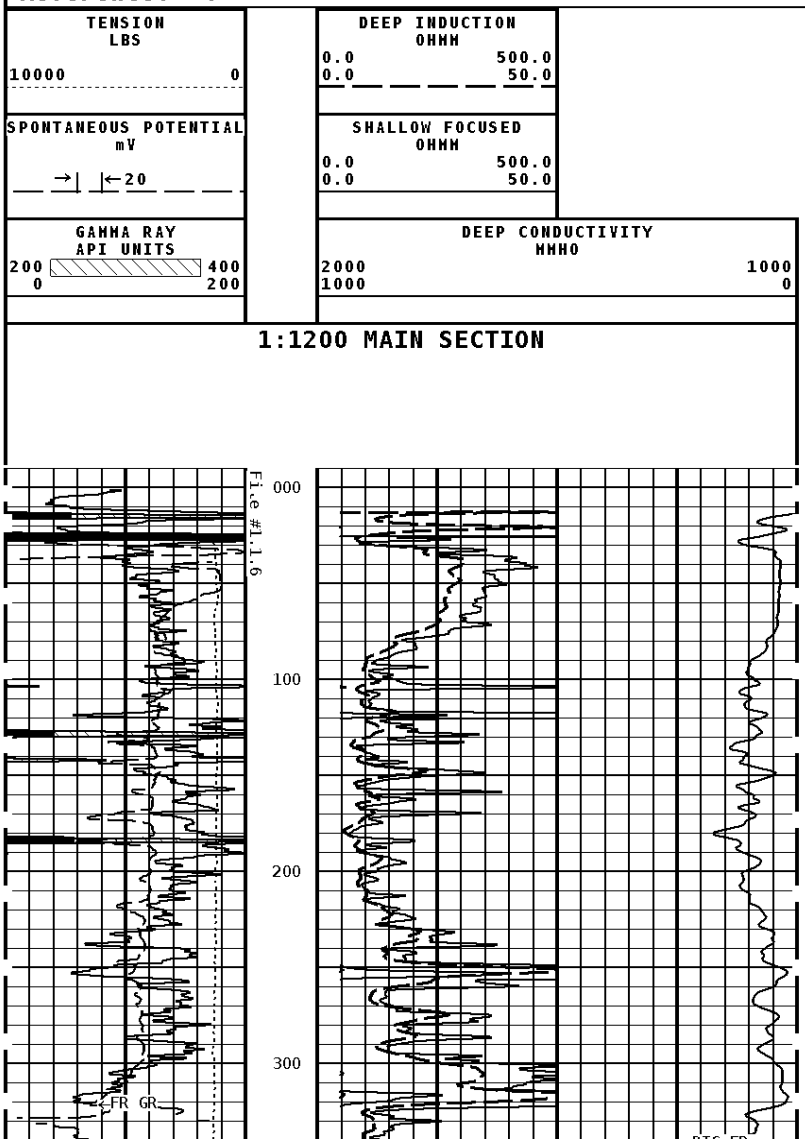
	Measured Zero	Measured Reference	Calibrated Zero	Calibrated Reference	Units
Im	32763.2	50516.1	0.0	7028.0	uA
Ib	32769.0	50217.9	0.0	1750.0	mA
MOM1	32796.4	60221.5	0.0	175.0	mV
Equivalent SFL				43.97	OHMM

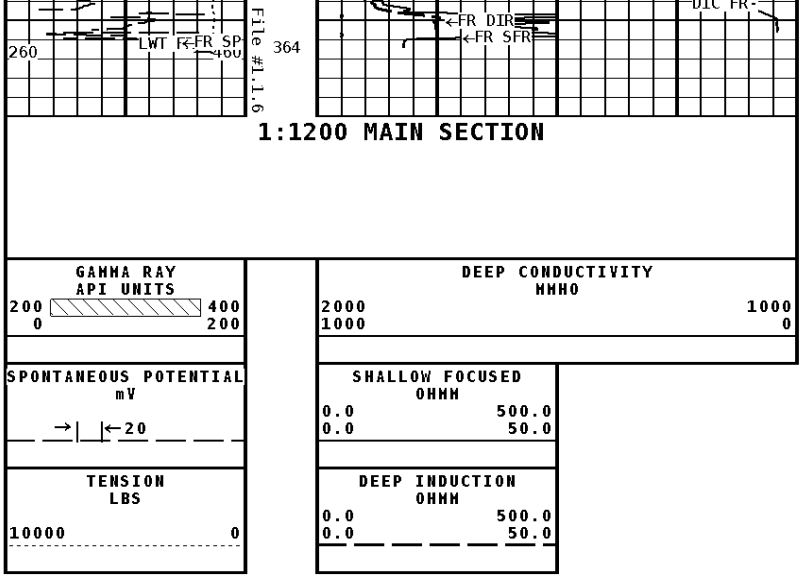
Performed : 30-Jan-2012 Time : 11:26
Sensor Suite : P-SP ID : PIT-AC-022

Internal

Measured Zero	Measured Reference	Calibrated Zero	Calibrated Reference	Units
32785.2	58904.5	0.0	1000.0	mV

Well File: RFP_SHA_2-25C-1_MAR_7_STK **Scale:** 1:1200
Segment: V1.D1.S6 MAIN **Acquired:** 2012-03/07 13:46 3.2.0-10367
Reference: 0 **Processed:** 2012-03/07 14:20 3.2.0-10367





1:1200 MAIN SECTION

GAMMA RAY
API UNITS
200 400
0 200

DEEP CONDUCTIVITY
MMHO
2000 1000
1000 0

SPONTANEOUS POTENTIAL
mV
20

SHALLOW FOCUSED
OHMM
0.0 500.0
0.0 50.0

TENSION
LBS
10000 0

DEEP INDUCTION
OHMM
0.0 500.0
0.0 50.0