Tucker WIRELINE SERVICES

DUAL INDUCTION RESISTIVITY LOG

CONFIDENTIAL
Until 09/27/2011

File No. :	TUL-55050
Company :	RUNNING FOXES PETROLEUM INC.
Well :	STONER #13-6C-4
Field :	WILDCAT
County :	VERNON
State :	MISSOURI
Country :	U.S.A.

RECEIVED
SEP 27 2010
Oil & Gas Council

Location : PERMIT # 22402
310' FSL & 540' FWL

Sect : 06 Twp : 36N Rge : 33W

Recorded By : R. FRANKLIN
Witnessed By : G. BRATTON

Date : JUN 16 2010
Run No. : 1

Permanent Datum :	GL	
Drilling Measured From :	GL	
Log Measured From:	GL	
Above Permanent Datum :	0.00	FT
Depth--Driller :	456.0	FT
Depth--Logger :	456.0	FT
Bottom Log Interval :	455.0	FT
Top Log Interval :	23.0	FT
Casing Depth--Driller:	23.0	FT
Casing Depth--Logger :	23.0	FT
Casing Diameter :	7.000	IN
Bit Size :	6.125	IN
Unit No. :	TRK 123	
Location :	TULSA	

Elevations :
KB : FT
DF : FT
GL : 907.00 FT

Additional Services
CNT
LDT

The customer is hereby warned that by providing the log data herein, T. W. S. does not agree to provide any interpretation of log data, conversion of log data to physical rock parameters or recommendations. T. W. S. does not guarantee or warrant either expressly or impliedly, the accuracy of any interpretation of log data, conversion of log data to physical rock parameters or recommendations which may be given by T. W. S. personnel. Any interpretation, conversion or recommendation is not part of the consideration for the agreement between the parties and is not part of any part of the charge by T. W. S. for its services. Any user of the log data is warned that said user is not entitled to rely on intepretations, conversions or recommendations as aforesaid.

Run Number 1

Depth To Fluid	0.0	FT		
Fluid Type In Hole :	FRESH			
Density :	0.000	LBS/GAL		
Viscosity :	0.000	SEC/QT		
pH :	0.000			
Fluid Loss :	0.000	CC		
Salinity :	0.000	KPPM		
RM Source :	MEASURED			
RM :	10.000	OHMM at	85	F
RM at BHT :	10.220	OHMM at	83	F
RMF Source :	CALCULATED			
RMF :	8.500	OHMM at	85	F
RMF at BHT :	8.690	OHMM at	83	F
RMC Source :	CALCULATED			
RMC :	11.500	OHMM at	85	F
RMC at BHT :	11.750	OHMM at	83	F
Max Recorded Temp. :			83	F
Time Circulation Stopped :				
Operating Rig Time, Hrs. :			1.5	

- Source Serial Numbers -

Gamma	2991GW
Neutron	N-1046

- Sonde Serial Numbers -

GRTB	GRT-BC-41
CNT	CNP-AA-112
LDTNG	LDP-DA-066
PIT_B	PIT-BA-20

Casing Strings

Size (IN)	Weight (LB/FT)	Bottom (FT)
7.000	15.00	23.00

- Comments -

ALL PRESENTATIONS AS PER CLIENTS REQUEST.

GRT, CNT, LDT, AND PIT RUN IN COMBINATION.
CALIPERS ORIENTED ON THE X-Y AXIS.
2.71 G/CC USED TO CALCULATE PORSITY.
ANNULAR HOLE VOLUME CALCULATED USING 2.875" PRODUCTION CASING.

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

OPERATORS:
M. GARNER
S. DAVIS

THANK YOU FOR USING TUCKER WIRELINE SERVICES!

Tool String Schematic

Total Tool Length 43.49 ft.
Maximum Outside diameter 4.00 in.
Net Weight in Air 243.00 lbs.

Tool: GRTB Length: 3.40 ft. O.D.: 3.60 in.
Sonde ID : GRT-BC-41

Measure Point	Stack Offset	Tool Offset	Bottom Offset
GRP	2.00	2.00	41.49

Tool: CNT Length: 9.30 ft. O.D.: 4.50 in.
Sonde ID : CNP-AA-112
Source ID : N-1046
Pad ID : CNP-AA-112

Measure Point	Stack Offset	Tool Offset	Bottom Offset
CLCN	9.40	6.00	34.09
PHIN	10.24	6.84	33.25

Tool: LDTNG Length: 9.30 ft. O.D.: 4.00 in.
Sonde ID : LDP-DA-066
Source ID : 2991GW
Pad ID : LDP-DA-066

Measure Point	Stack Offset	Tool Offset	Bottom Offset
CLLD	18.70	6.00	24.79
PEL	19.70	7.00	23.79
PES	20.10	7.40	23.39
LDEN	19.70	7.00	23.79
LDOP	19.70	7.00	23.79

Tool: PIT Length: 21.49 ft. O.D.: 3.62 in.
Sonde ID : PIT-BA-20

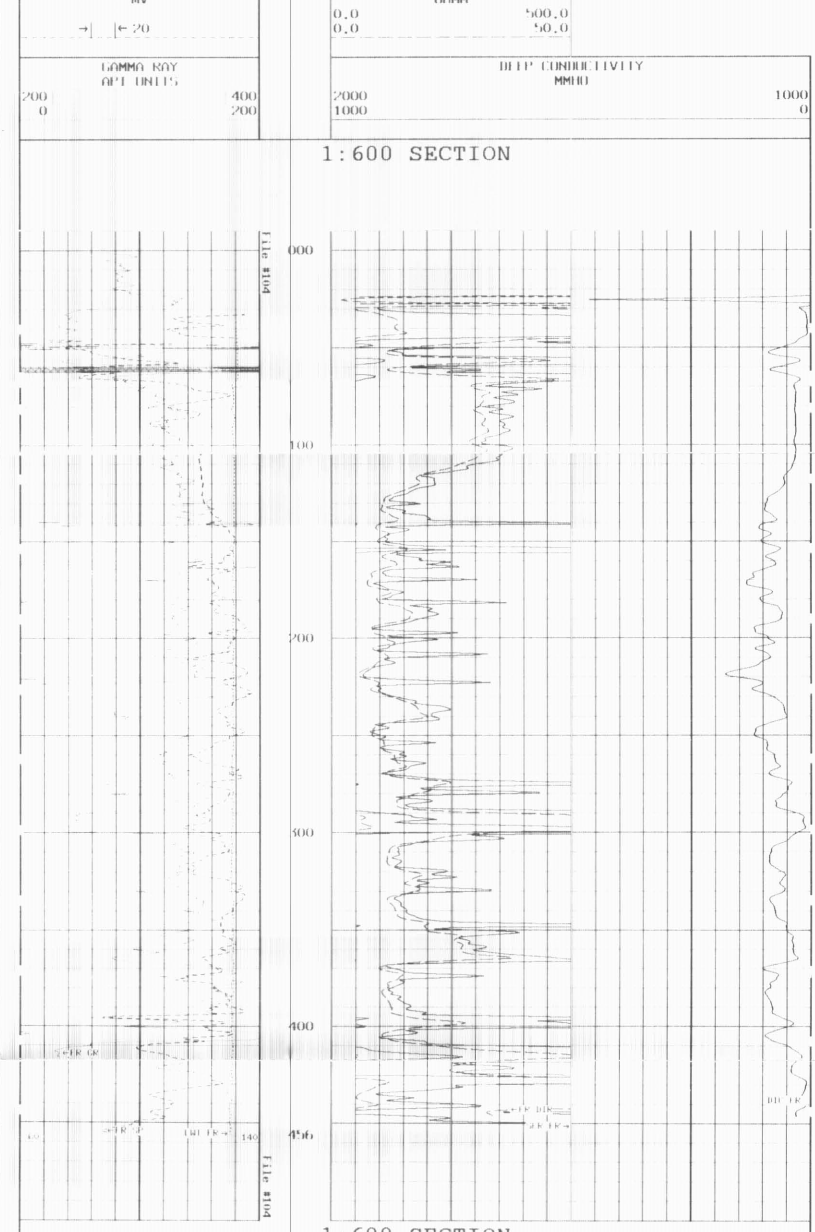
Measure Point	Stack Offset	Tool Offset	Bottom Offset
ILD	30.93	10.93	12.56
ILM	32.10	10.10	11.39
SFLU	39.49	17.49	4.00
SP	42.60	20.60	0.00

TENSION LBS		SHALLOW FOCUSED RESISTIVITY OHMM	
10000	0	0.0 / 0.0	500.0 / 50.0

SPONTANEOUS POTENTIAL mV	DEEP INDUCTION OHMM	
→| |← 20	0.0 / 0.0	500.0 / 50.0

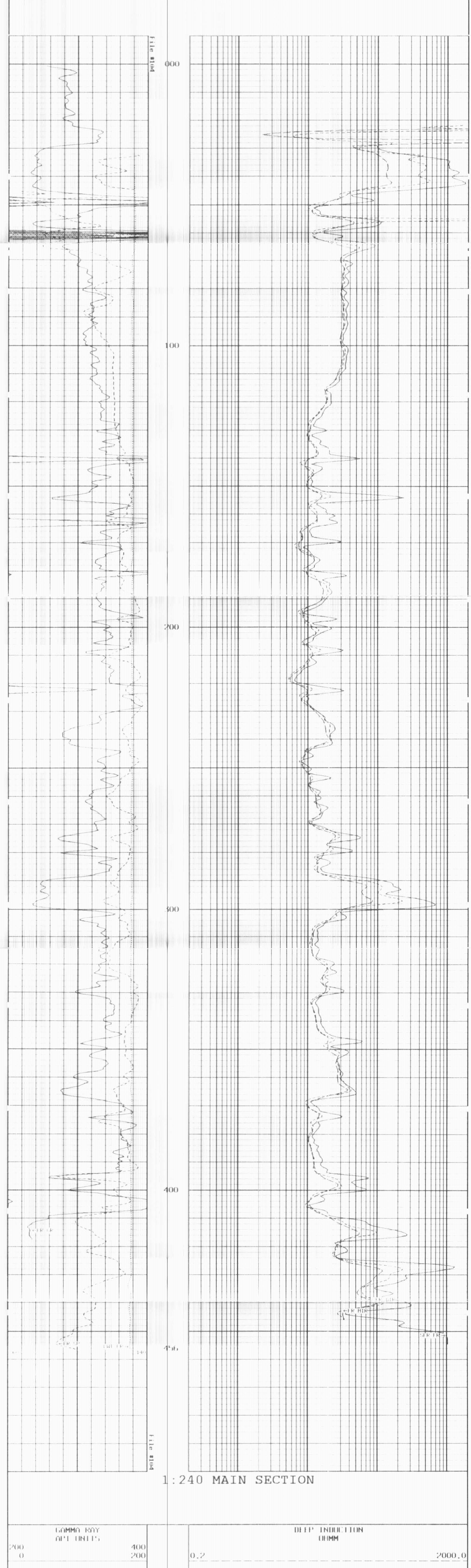
GAMMA RAY API UNITS		DEEP CONDUCTIVITY MMHO	
200 / 0	400 / 200	2000 / 1000	1000 / 0

1:600 SECTION



1:600 SECTION

1:240 MAIN SECTION



1:240 MAIN SECTION

GAMMA RAY API UNITS		DEEP INDUCTION OHMM	
200 / 0	400 / 200	0.2	2000.0

SPONTANEOUS POTENTIAL mV	MEDIUM INDUCTION OHMM	
→| |← 20	0.2	2000.0

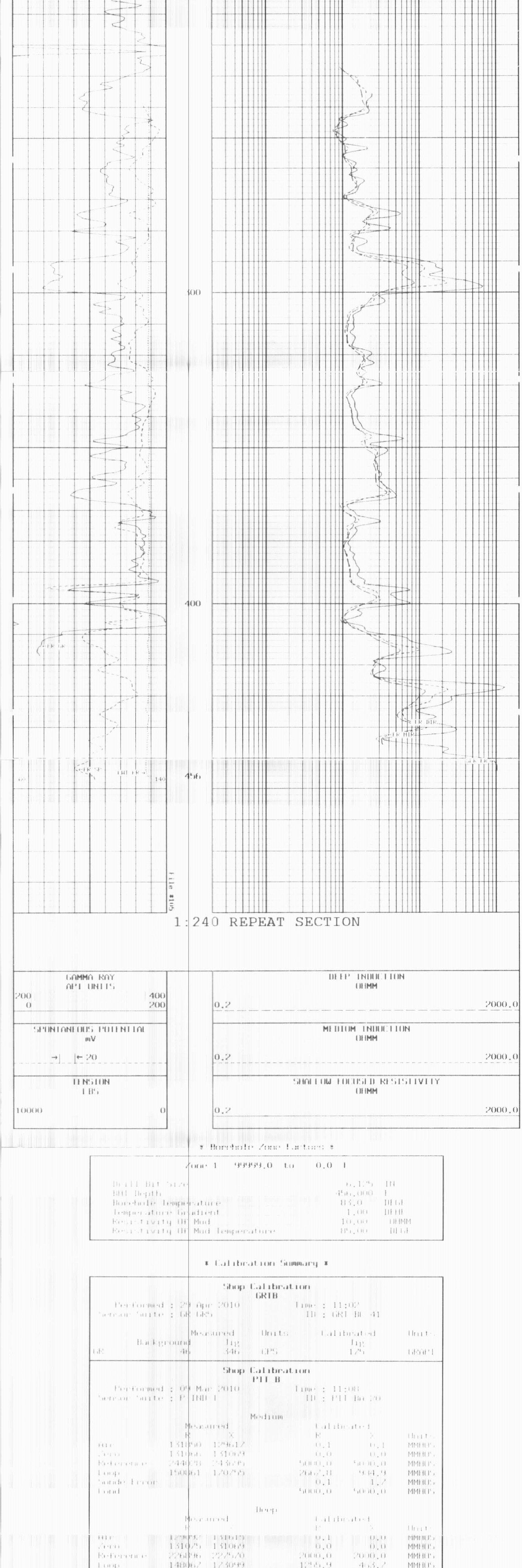
TENSION LBS		SHALLOW FOCUSED RESISTIVITY OHMM	
10000	0	0.2	2000.0

* Borehole Zone Factors *

Zone 1 99999.0 to 0.0 1

Drill Bit Size	6.125	IN
BHT Depth	456.000	F
Borehole Temperature	83.0	DEGF
Temperature Gradient	1.00	DEGF
Resistivity Of Mud	10.00	OHMM
Resistivity Of Mud Temperature	85.00	DEGF

1:240 REPEAT SECTION



1:240 REPEAT SECTION

* Borehole Zone Factors *

Zone 1 99999.0 to 0.0 1

Drill Bit Size	6.125	IN
BHT Depth	456.000	F
Borehole Temperature	83.0	DEGF
Temperature Gradient	1.00	DEGF
Resistivity Of Mud	10.00	OHMM
Resistivity Of Mud Temperature	85.00	DEGF

* Calibration Summary *

Shop Calibration
GRTB

Performed : 29 Apr 2010 Time : 11:02
Sensor Suite : GR GRP ID : GRT-BC-41

	Background	Measured Jig	Units	Calibrated Jig	Unit
GR	46	346	CPS	175	GAPI

Shop Calibration
PIT B

Performed : 09 Mar 2010 Time : 11:08
Sensor Suite : P INDUC ID : PIT-BA-20

Medium

	Measured R	Measured X	Calibrated R	Calibrated X	Unit
Air	131050	129617	0.1	0.1	MMHOS
Zero	131066	131029	0.0	0.0	MMHOS
Reference	244038	243976	5000.0	5000.0	MMHOS
Loop	150061	170795	2667.8	904.9	MMHOS
Sonde Error			0.1	1.7	MMHOS
Load			5000.0	5000.0	MMHOS

Deep

	Measured R	Measured X	Calibrated R	Calibrated X	Unit
Air	129955	131045	0.1	0.0	MMHOS
Zero	131075	131069	0.0	0.0	MMHOS
Reference	226096	227570	2000.0	2000.0	MMHOS
Loop	148062	173099	1256.9	463.7	MMHOS
Sonde Error			1.7	4.4	MMHOS
Load			2000.0	2000.0	MMHOS

Temperature

Measured Low	Measured High	Calibrated Low	Calibrated High	Units
10000.0	50000.0	0.0	350.0	DEGF

Performed : 09 Mar 2010 Time : 11:05
Sensor Suite : SFL ID : PIT-BA-20

Internal

	Measured Zero	Measured Reference	Calibrated Zero	Calibrated Reference	Unit
Io	52749.0	48834.1	0.0	2038.0	mA
Ib	52761.4	48450.4	0.0	1750.0	mA
MON1	52806.0	56045.2	0.0	175.0	mV
Equivalent SFL				43.93	OHMM

Performed : 09 Mar 2010 Time : 10:57
Sensor Suite : P SP ID : PIT-BA-20

Internal

Measured Zero	Measured Reference	Calibrated Zero	Calibrated Reference	Unit
52794.7	58862.0	0.0	1000.0	mV

Performed : 07 JAN 2010 Time : 13:26
Sensor Suite : P RMUD ID : PIT-BA-20

Internal

	Measured Zero	Measured Reference	Calibrated Zero	Calibrated Reference	Units
Rmi	0.0	54406.0	0.0	290.6	mA
Rmv	0.0	54406.0	0.0	290.6	mV
Equivalent Rm				0.4037	OHMM

1:1200 SECTION

1:1200 SECTION