

Tucker

ENERGY SERVICES

PHASED INDUCTION
SHALLOW FOCUS SP LOG

Company RUNNING FOXES PETROLEUM Well BECKER #13-17C-1 Field BECKER County LINN State KANSAS Country USA API No. 15-107-24807-0000		File No : TUL-58297 Company : RUNNING FOXES PETROLEUM INC. Well : BECKER #13-17C-1 Field : BECKER County : LINN State : KANSAS Country : USA API No : 15-107-24807-0000	
Location : 495' FSL & 495' FWL NE SW SW SW		LSD :	Sect : 17 Twp : 23S Rge : 25E
Permanent Datum:	GL	Elevations:	
Drilling Measured From:	GL	KB 0.00	Services:
Log Measured From:	GL	DF 0.00	CNT
Above Permanent Datum:	0.00 Ft	GL 860.00	LDT
Date	07-12-2013	Ft	PIT
Run Number	1		
Depth--Driller	480.0	Ft	
Depth--Logger	480.0	Ft	
First Reading	480.0	Ft	
Last Reading	20.0	Ft	
Casing--Driller	20.0	Ft	
Casing--Logger	20.0	Ft	
Bit Size	6.750	In	
Casing Size	8.625	In	
Hole Fluid Type	FRESH		
Density	0.0	LBS/GAL	
Fluid Loss	0.0	CC	
PH/Viscosity	0.0	0.0 SEC	
Sample Source	MEASURED		
RMF@Measured Temp.	10.000 @ 75 F		
RMF@Measured Temp	8.000 @ 75 F		
RMF@Measured Temp.	12.000 @ 75 F		
Source RMF/RMC	CALCULATED/CALCULATED		
RM@BHT	9.800 @ 77 F		
Time Circulation Stopped	07-12-2013 12:30 pm		
Max Recorded Temp.	77 F		
Equipment/Base	127 TULSA		
Recorded By	SHELDON TYLER		
Witnessed By	KURT HODGES		

The customer is hereby warned that by providing the log data herein, T. E. S. does not agree to provide any interpretation of log data, conversion of log data to physical rock parameters or recommendations. T. E. 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. E. 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. E. S. for its services. Any user of the log data is warned that said user is not entitled to rely on interpretations, conversions or recommendations as aforesaid.

Bitsize Intervals		Casing Strings		
Size (In)	Bottom (Ft)	Size (In)	Weight (Lbs)	Bottom (Ft)
6.750	480.00	8.625	23.00	20.00

Run Number	1	
Date	07-12-2013	
Date/Time On Bottom	07-12-2013 2:30 pm	
Depth to Fluid	0.0 Ft	
Salinity	0.000 PPM	
RMF@BHT	7.840 @ 77 F	
RMC@BHT	11.760 @ 77 F	

Run Number 1

Comments

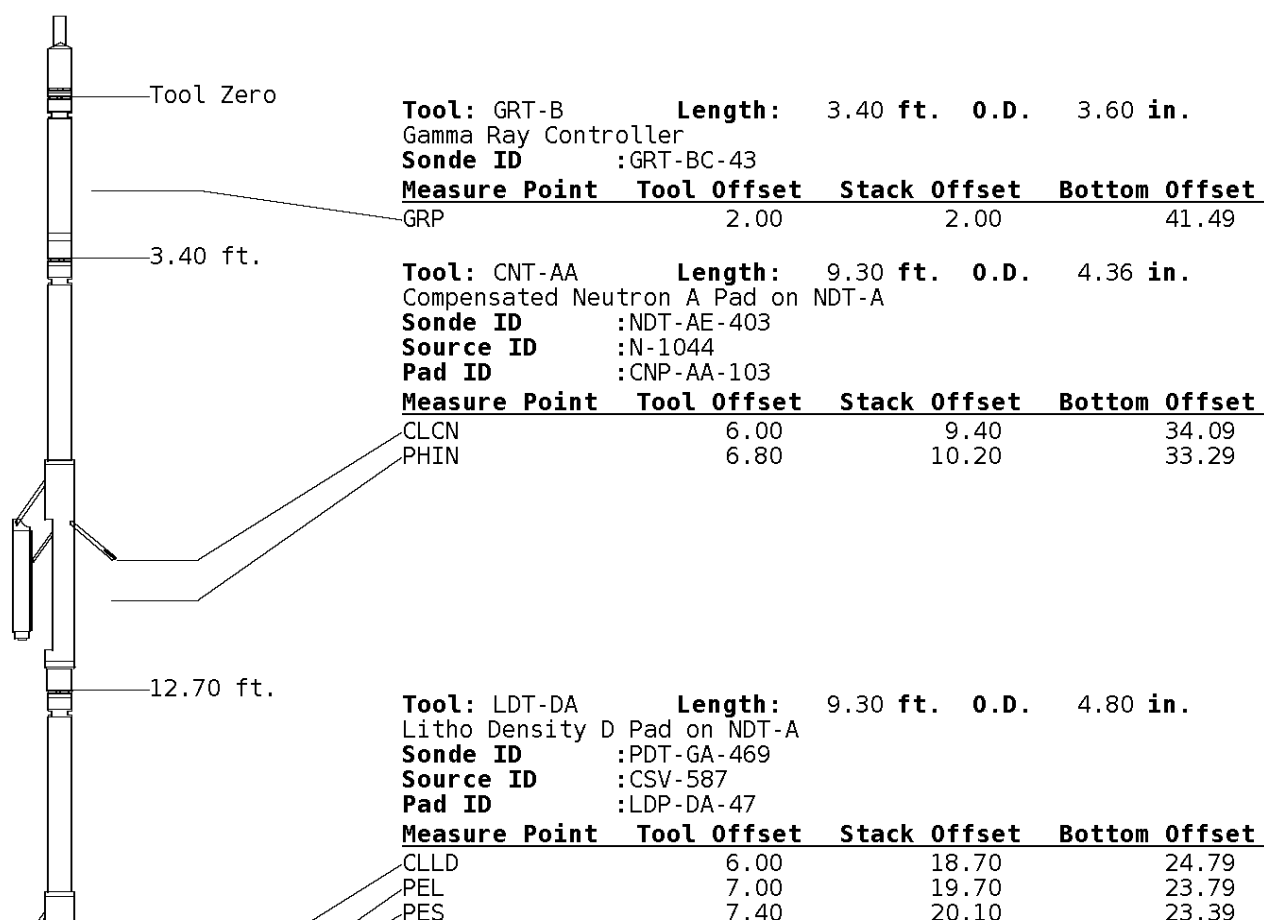
ALL PRESENTATIONS AS PER CUSTOMER REQUEST
 GRT, CNT, LDT, AND PIT RUN IN COMBINATION.
 CALIPERS ORIENTED ON X-Y AXIS.
 2.71 G/CC USED TO CALCULATED POROSITY.
 ANNULAR HOLE VOLUME CALCULATED USING 2.875" PRODUCTION CASING.
 HIRES PRESENTED FROM TD TO SCG.

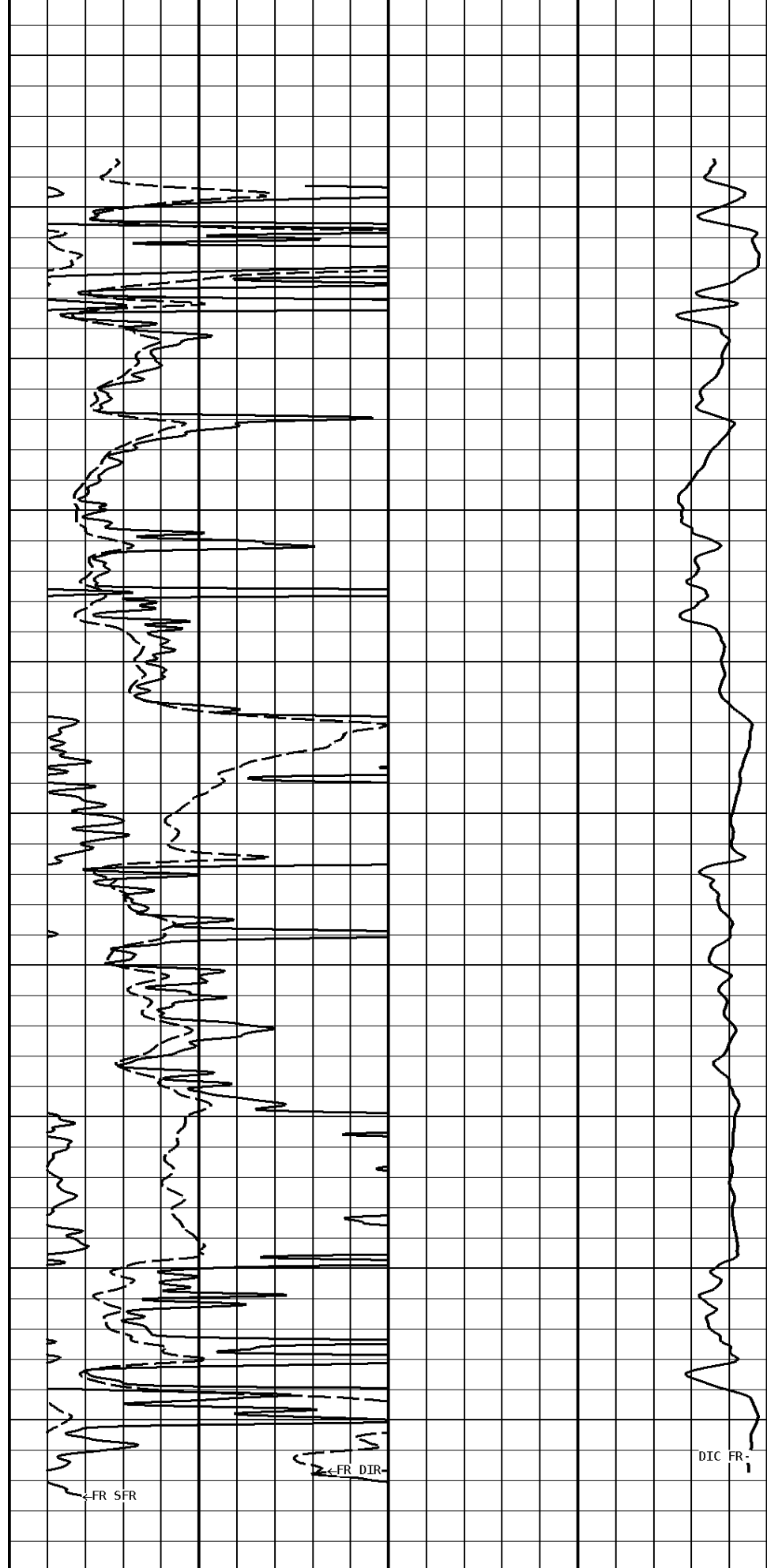
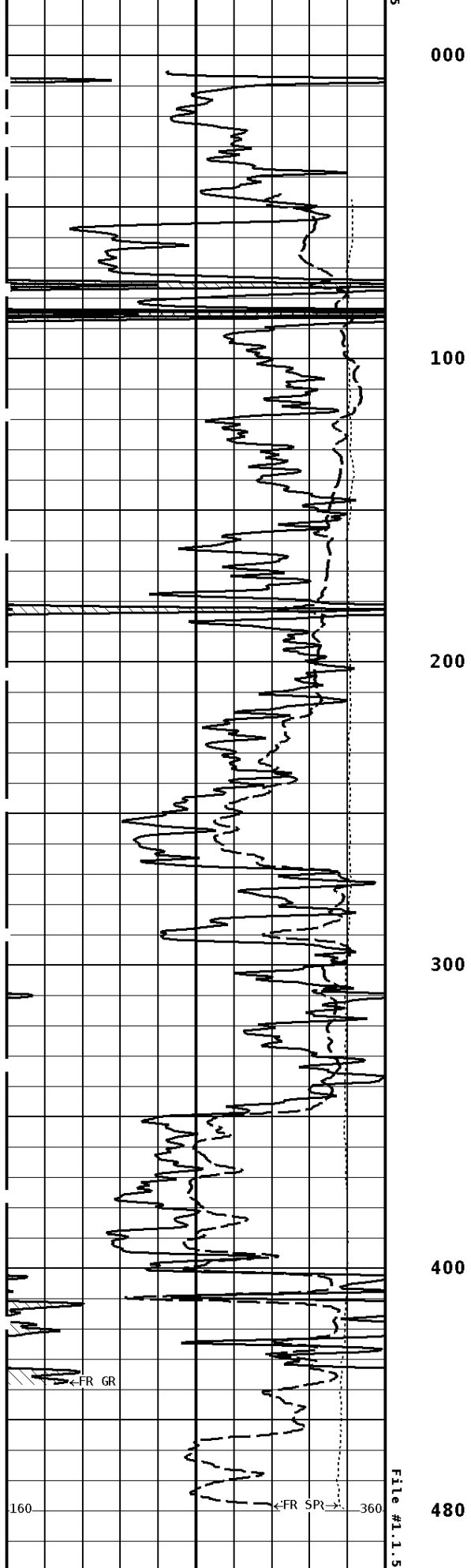
GRT: GRP, GRX
 CNT: PHIN, CLCNIN, PHXN
 LDT: PORL, LCORN, PECLN, LDENN, CLLDIN, PRXL, PECLX, LDENNX, LCORX
 PIT: ILD, ILM, SPU, SFLAEC, CIRD

OPERATORS:
 P. JACOBS
 A. DJAHO

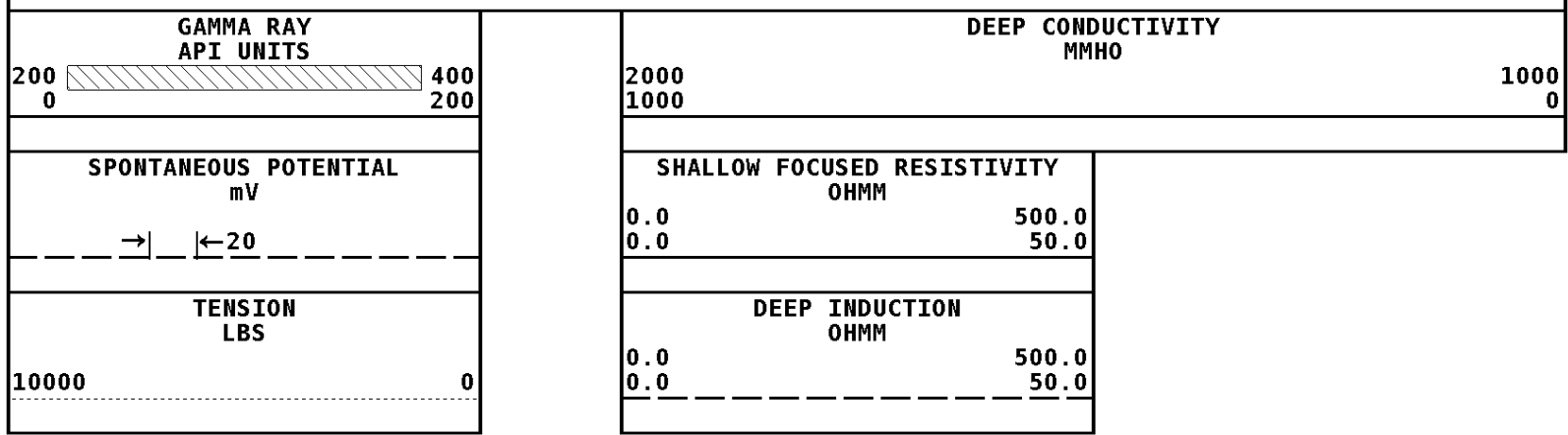
Tool String Schematic

Total Tool Length - 43.49 ft.
Maximum Outside diameter - 4.80 in.
Net Weight in Air - 743.00 lbs.

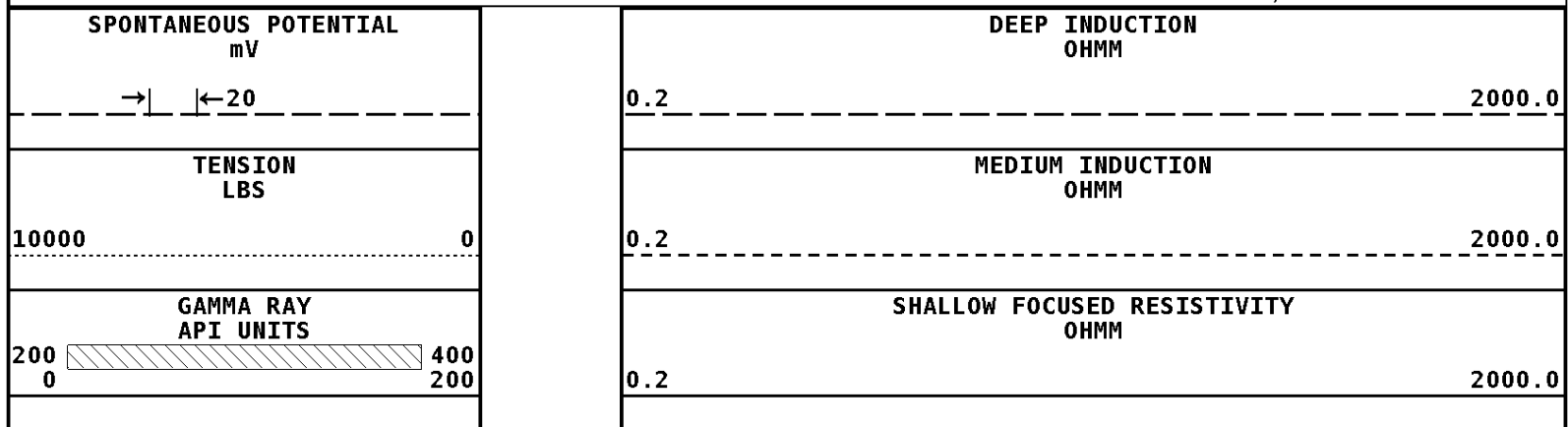




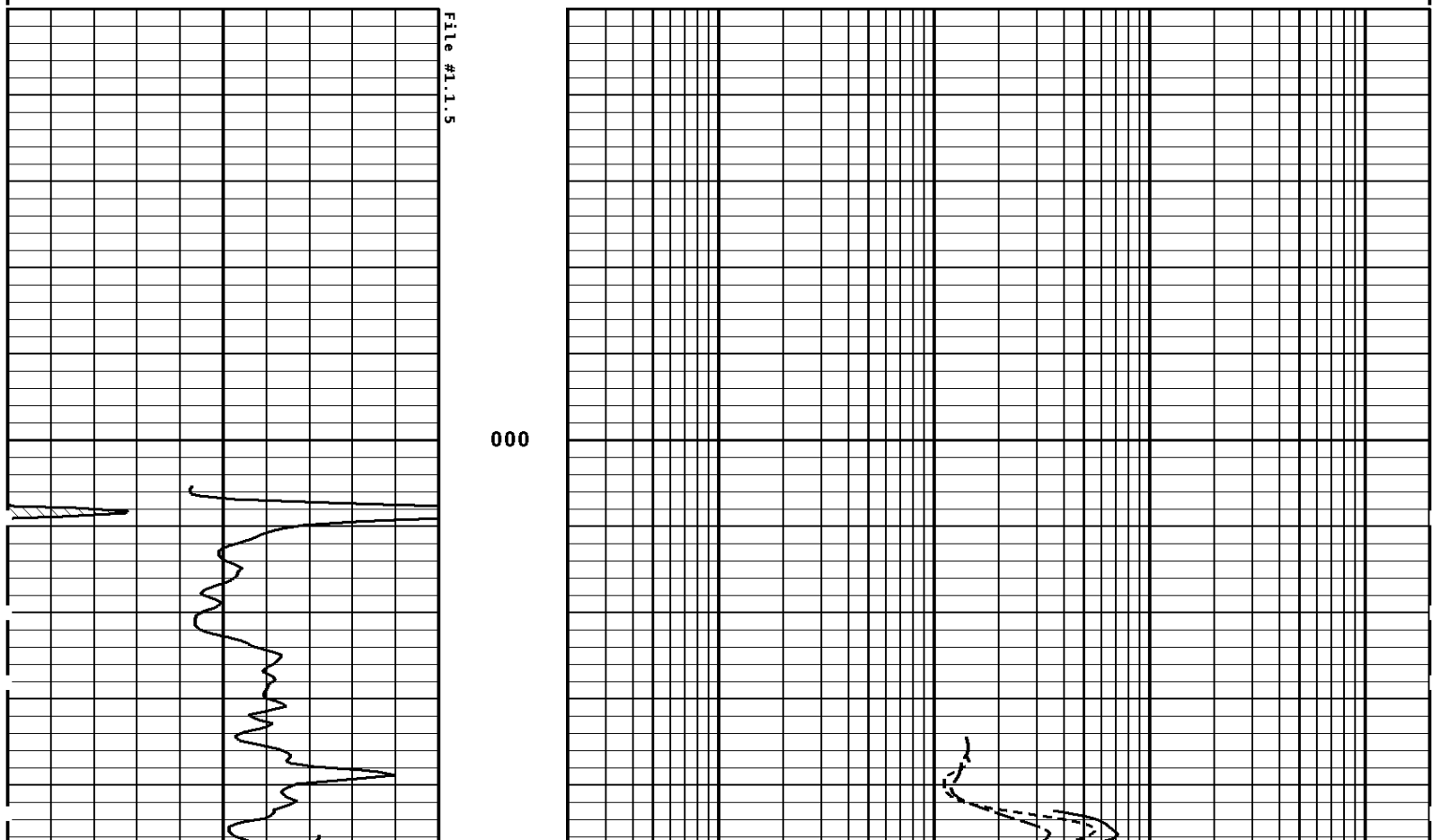
1:600 MAIN SECTION

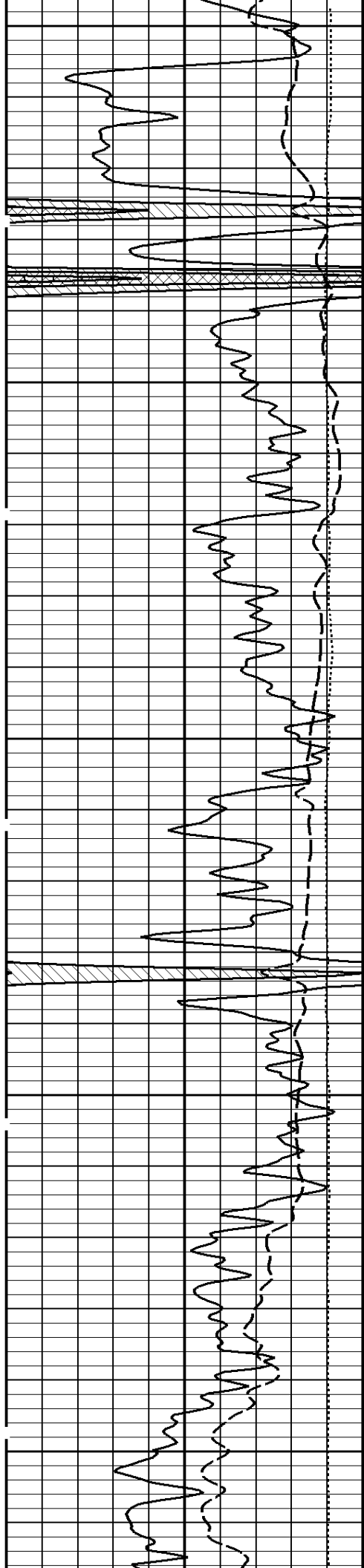


Well File: RFP BECKER 13-17C-1 JULY12 STK Segment: V1.D1.S5 Reprocess of MAIN Reference: 0	Scale: 1:240 Acquired: 2013-07/12 14:40 3.2.0-11535 Processed: 2013-07/12 14:54 3.2.0-11535
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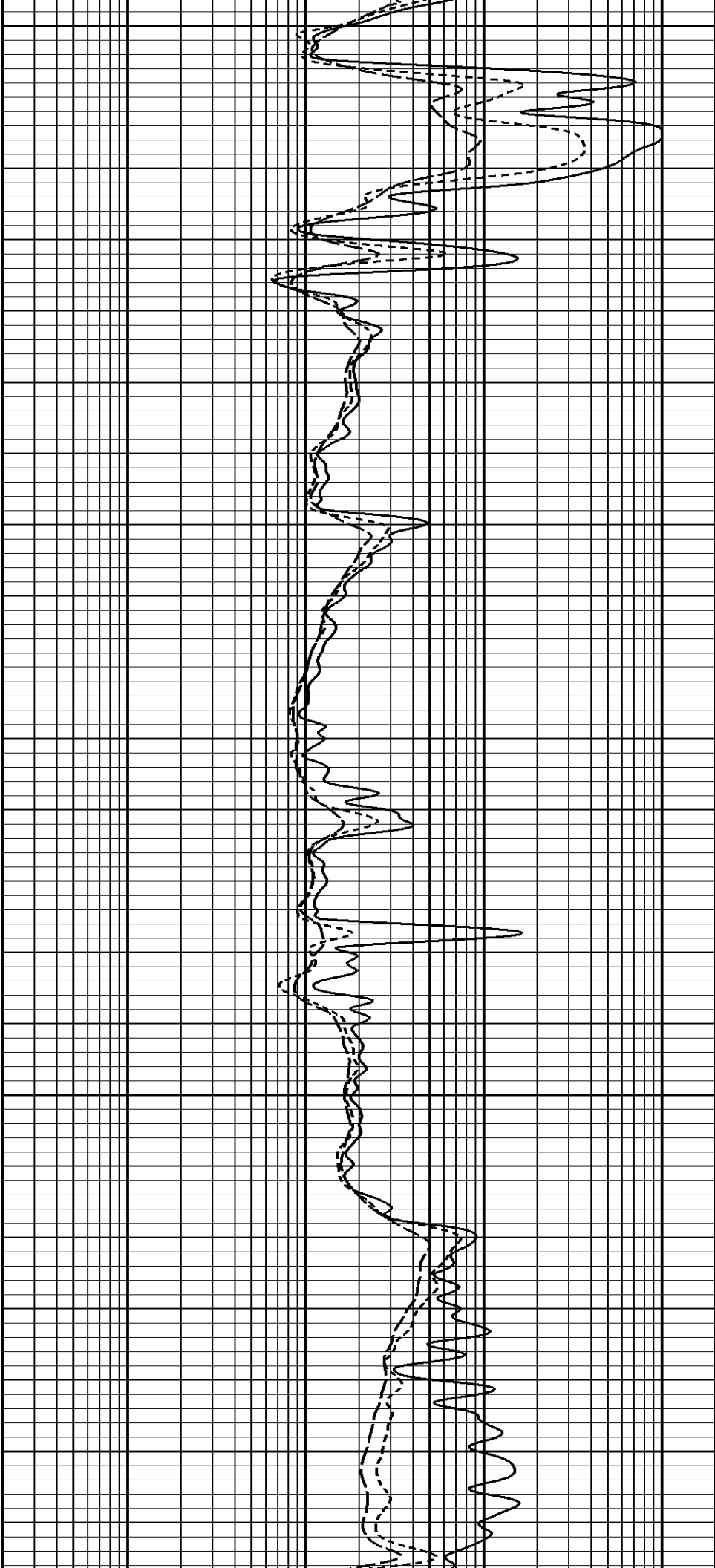
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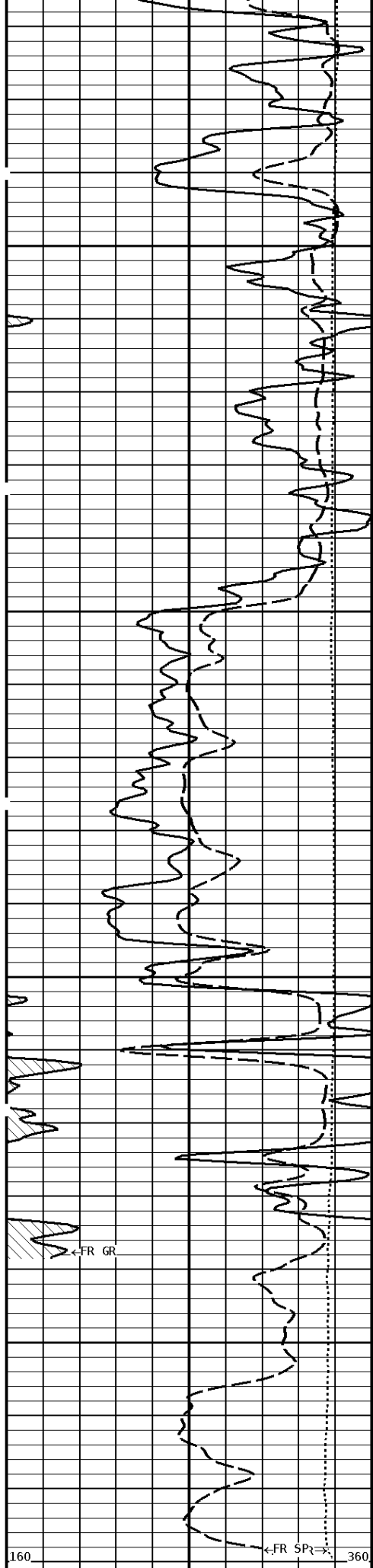




100

200

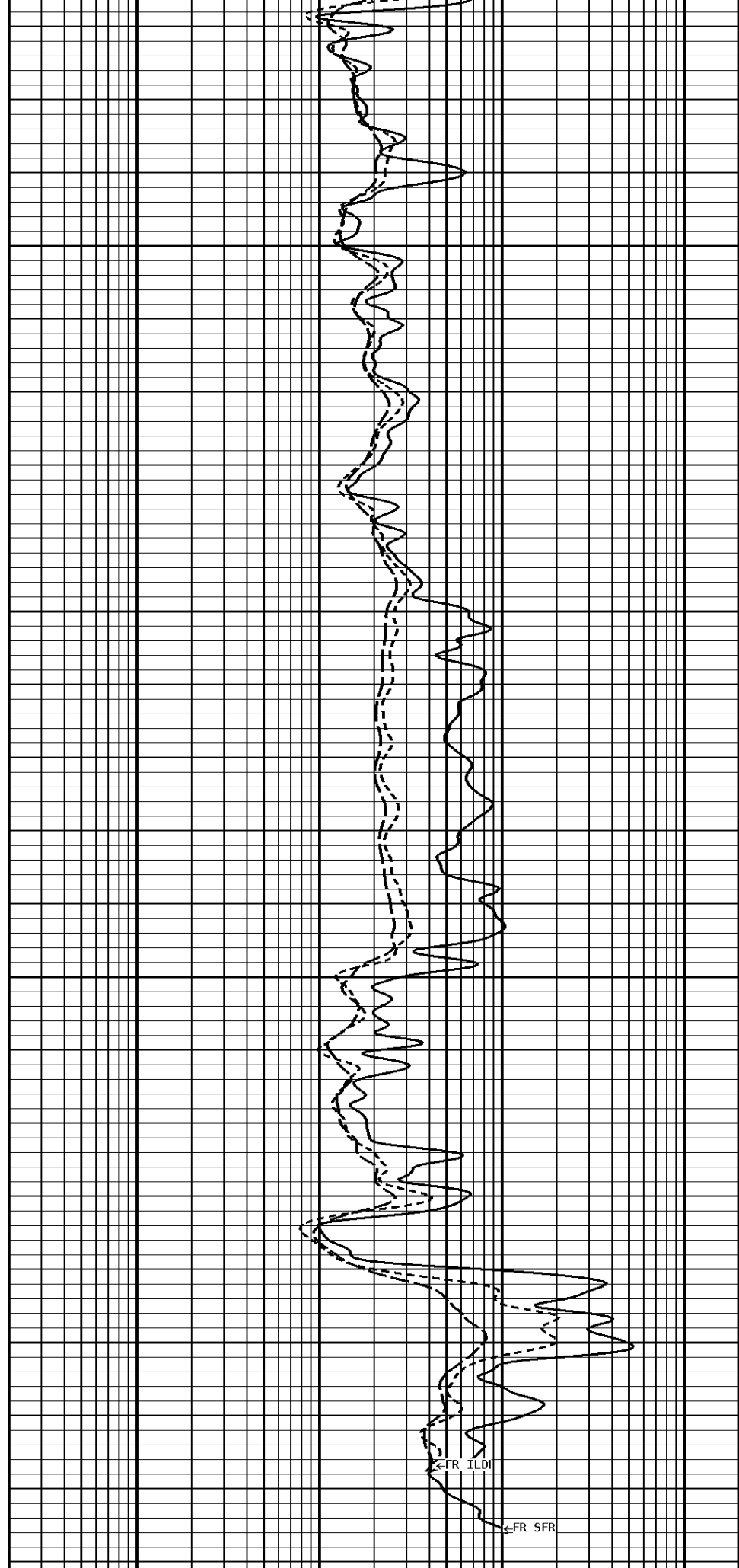




300

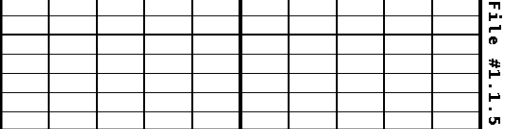
400

480

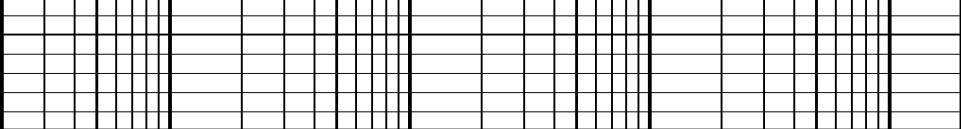


ILD

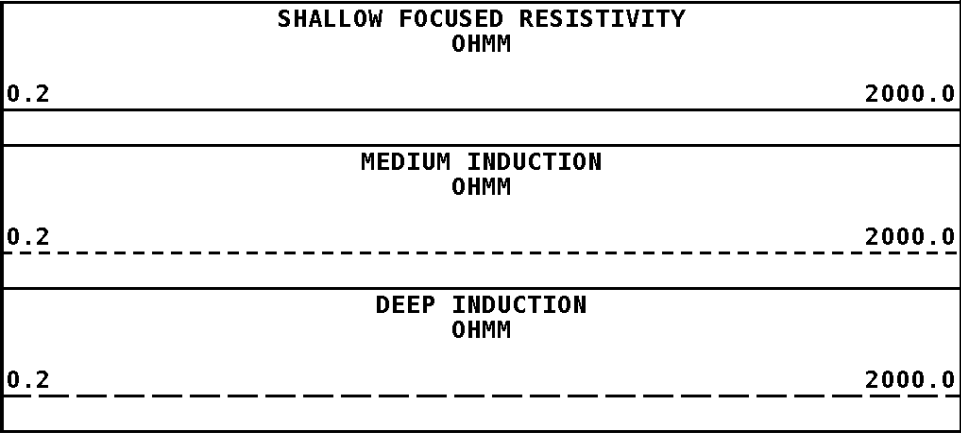
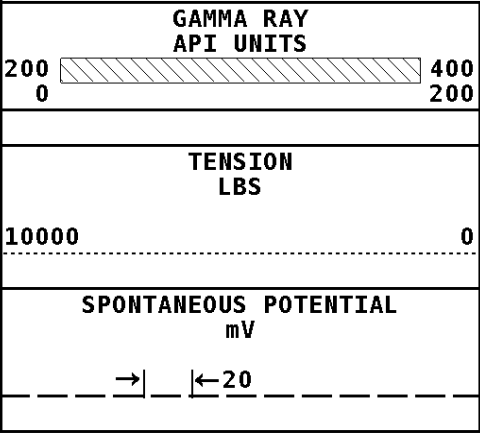
SFR



File #1.1.5



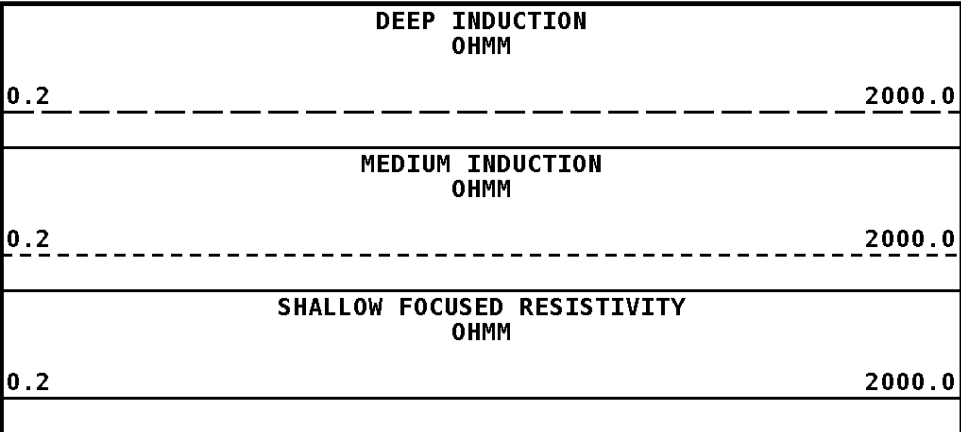
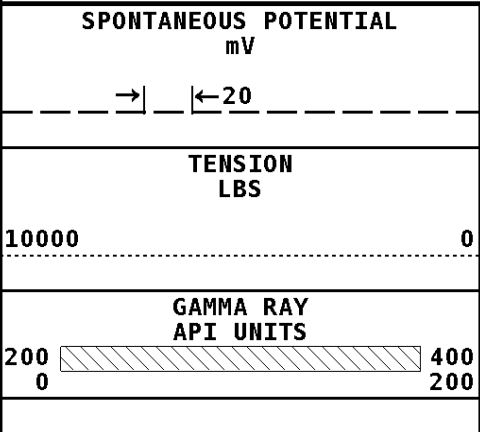
1:240 MAIN SECTION



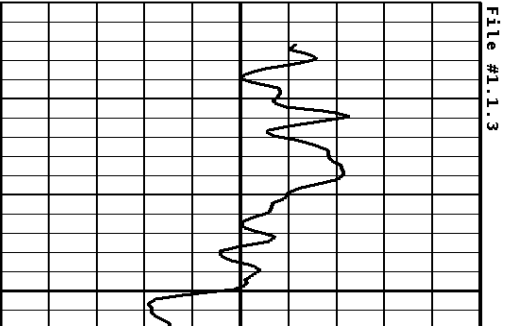
* Borehole Zone Factors *

Zone 1	99999.0	to	0.0	Feet
Drill Bit Size			6.750	in
Casing Diameter			2.875	in
BHT Depth			480.000	ft
Borehole Temperature			77.0	degF
Temperature Gradient			1.00	DFHF
Resistivity Of Mud			10.000	ohm/m
Standoff			0.0	
Resistivity Of Mud Temperature			75.00	degF

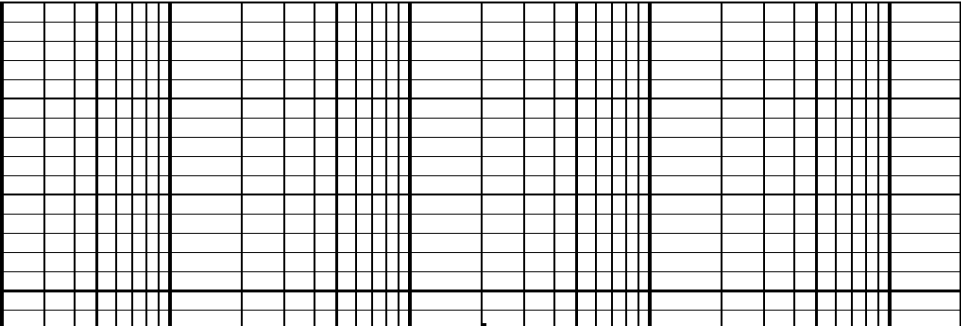
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Segment: V1.D1.S3 Reprocess of REPEAT Acquired: 2013-07/12 14:30 3.2.0-11535
Reference: 0 Processed: 2013-07/12 14:37 3.2.0-11535

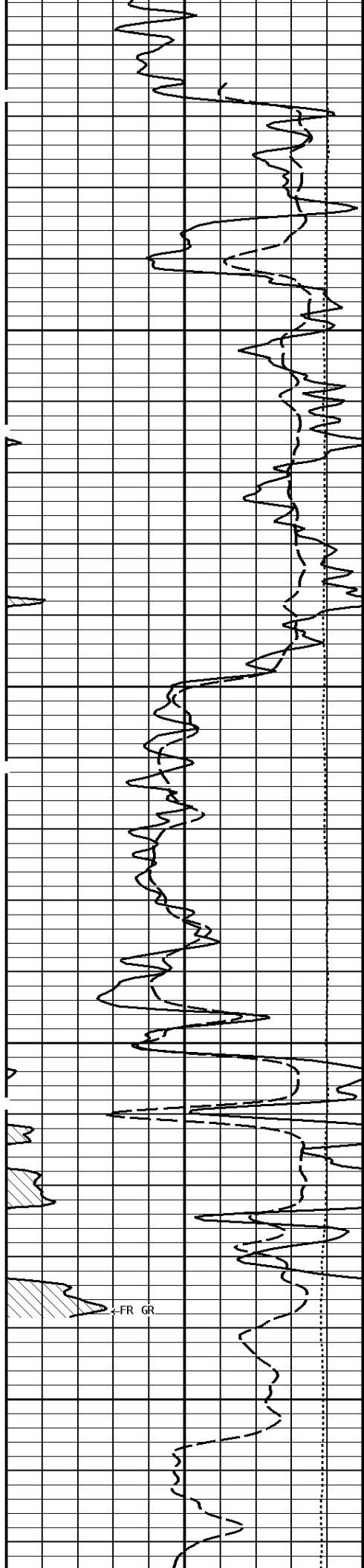


1:240 REPEAT SECTION



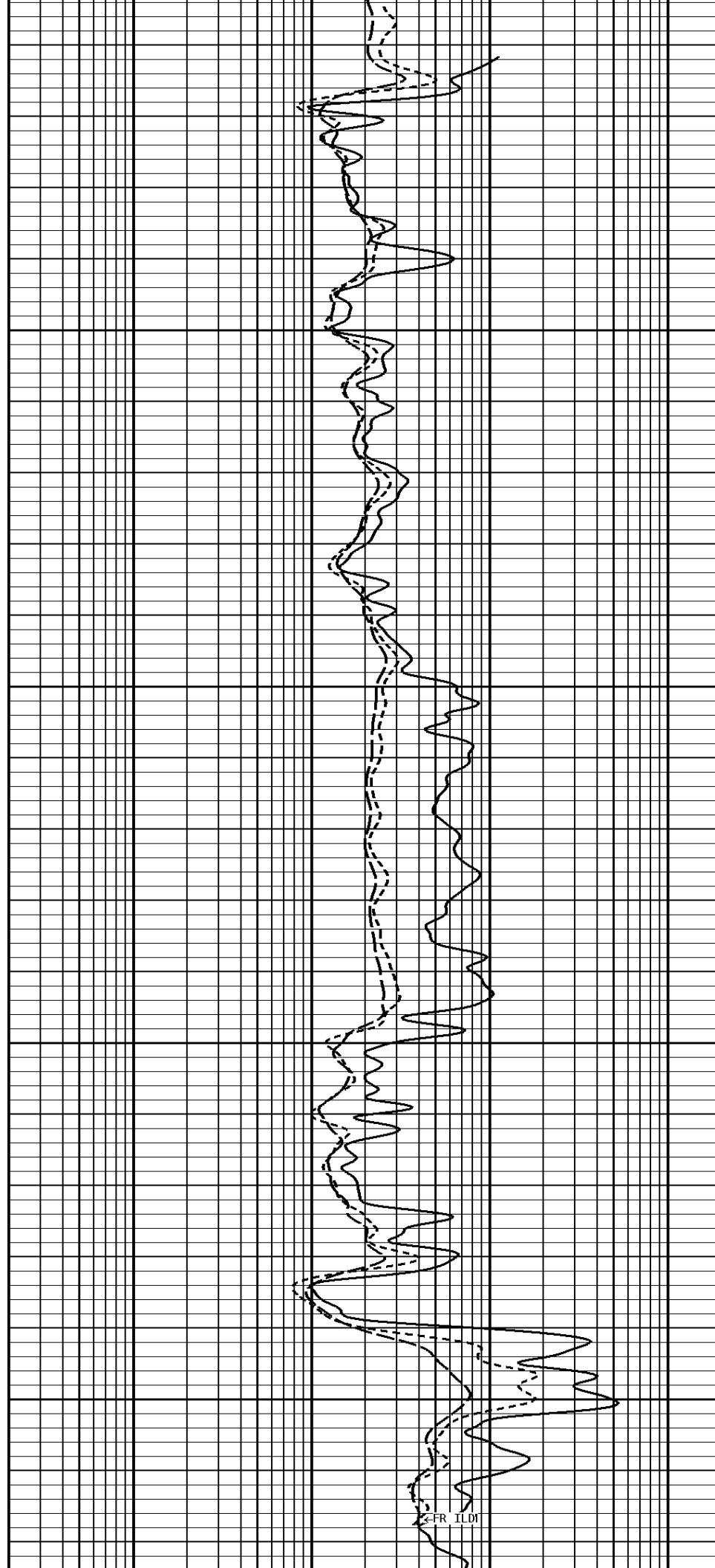
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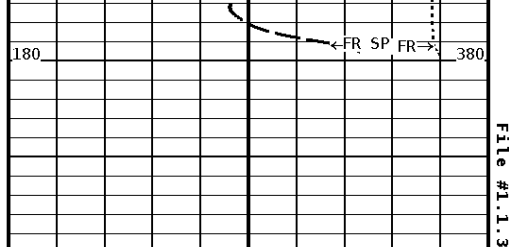




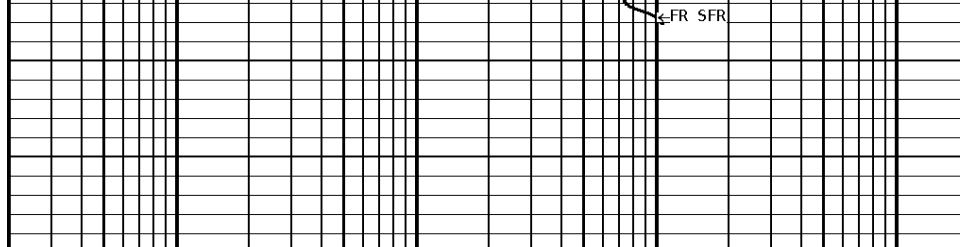
300

400





480



1:240 REPEAT SECTION

GAMMA RAY API UNITS	
200	400
0	200
TENSION LBS	
10000	0
SPONTANEOUS POTENTIAL mV	
→	←20

SHALLOW FOCUSED RESISTIVITY OHMM	
0.2	2000.0
MEDIUM INDUCTION OHMM	
0.2	2000.0
DEEP INDUCTION OHMM	
0.2	2000.0

* Borehole Zone Factors *

Zone 1	99999.0	to	0.0	Feet
Drill Bit Size			6.750	in
Casing Diameter			2.875	in
BHT Depth			480.000	ft
Borehole Temperature			77.0	degF
Temperature Gradient			1.00	DFHF
Resistivity Of Mud			10.000	ohm/m
Standoff			0.0	
Resistivity Of Mud Temperature			75.00	degF

* Calibration Summary *

Shop Calibration GRT-B					
Performed : 27-JUN-2013			Time : 10:03		
Sensor Suite : GR-GR5			ID : GRT-BC-43		
	Measured	Units	Calibrated	Units	
	Background	Jig	Jig		
GR	46	309	175	GRAPI	

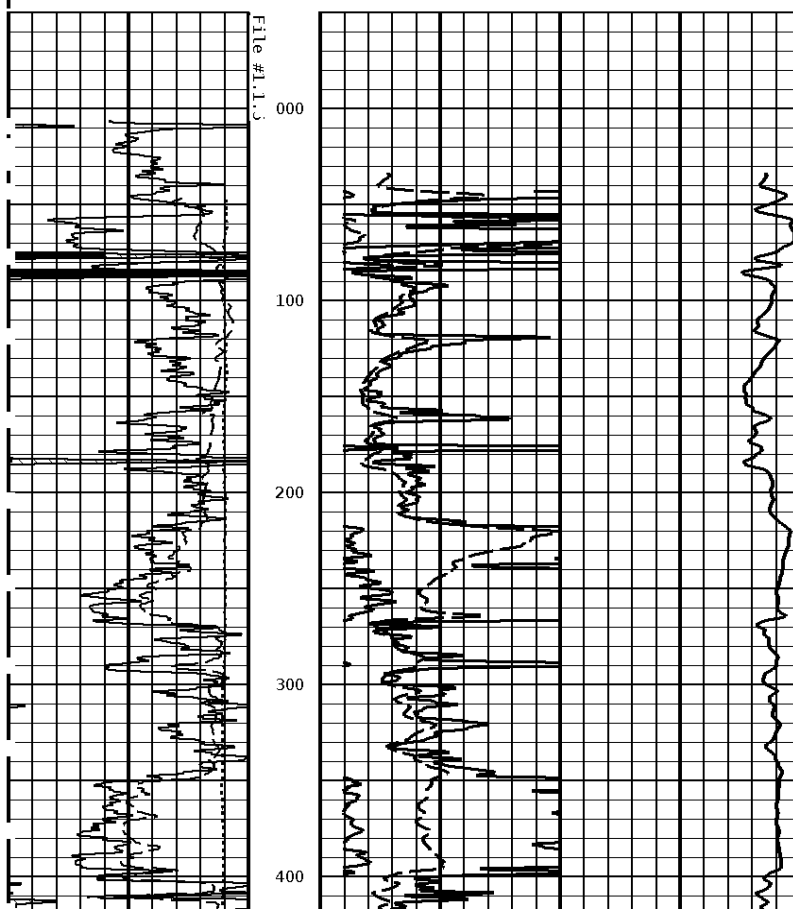
Shop Calibration PIT-CA					
Performed : 10-Jul-2013			Time : 10:51		
Sensor Suite : P-IND-T			ID : PIT-AC-13		
Medium					
	Measured		Calibrated		Units
	R	X	R	X	
Air	136385	125013	0.5	1.7	MMHOS
Zero	131064	131068	-36.9	58.8	MMHOS
Reference	251311	249780	4963.1	5058.8	MMHOS
Loop	135355	211355	3594.4	3681.1	MMHOS
Sonde Error			-12.4	-382.2	MMHOS
Cond			4963.1	5058.8	MMHOS
Deep					
	Measured		Calibrated		Units
	R	X	R	X	
Air	133090	127396	0.3	0.8	MMHOS
Zero	131080	131068	25.0	12.5	MMHOS
Reference	235849	236118	2025.0	2012.5	MMHOS
Loop	131319	217315	1678.4	1746.5	MMHOS
Sonde Error			5.6	-121.6	MMHOS
Cond			2025.0	2012.5	MMHOS

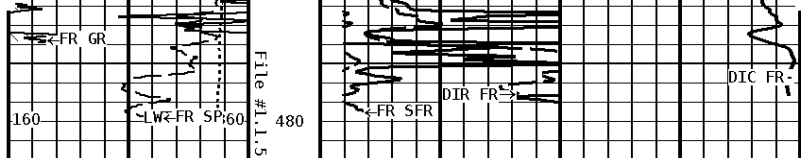
Cond		2025.0		2012.5		MMHUS
Temperature						
Measured		Calibrated				
Low	High	Low	High	Units		
16980.0	56920.0	70.0	350.0	DEGF		
Performed : 10-Jul-2013		Time : 10:38				
Sensor Suite : SFL		ID : PIT-AC-13				
Internal						
Measured		Calibrated				
Zero	Reference	Zero	Reference	Units		
Im	32767.2	49495.0	0.0	7028.0	uA	
Ib	32772.6	49574.9	0.0	1750.0	mA	
MOM1	32776.6	60690.5	0.0	175.0	mV	
Equivalent SFL				43.97	OHMM	
Performed : 10-Jul-2013		Time : 10:35				
Sensor Suite : P-SP		ID : PIT-AC-13				
Internal						
Measured		Calibrated				
Zero	Reference	Zero	Reference	Units		
32769.4	58920.1	0.0	1000.0	mV		

Well File: RFP BECKER 13-17C-1 JULY12 STK	Scale: 1:1200
Segment: V1.D1.S5 Reprocess of MAIN	Acquired: 2013-07/12 14:40 3.2.0-11535
Reference: 0	Processed: 2013-07/12 14:54 3.2.0-11535

TENSION LBS 10000 0 -----	DEEP INDUCTION OHMM 0.0 500.0 0.0 50.0 -----
SPONTANEOUS POTENTIAL mV → ← 20	SHALLOW FOCUSED OHMM 0.0 500.0 0.0 50.0 -----
GAMMA RAY API UNITS 200 400 0 200	DEEP CONDUCTIVITY MHMO 2000 1000 1000 0

1:1200 MAIN SECTION





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



Tucker

ENERGY SERVICES

Company: RUNNING FOXES PETROLEUM INC.

Well: BECKER #13-17C-1

Location: 495' FSL & 495' FWL

Logged: 07-12-2013

K.B. Elev: 0.0 Ft