COMPENSATED DENSITY
SIDEWALL NEUTRON
MICROLOG

Company	FOSSIL CREEK RESOURCES, LLC.
Well	DAY # 15-1
Field	WILDCAT
County	SUMNER
State	KANSAS

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Well	DAY # 15-1		
Field	WILDCAT		
County	SUMNER	State	KANSAS

Location: API # : 15-191-22573-0000

N/2 SE SE NE
2300' FNL & 330' FEL
SEC 15 TWP 35S RGE 1E

Permanent Datum	GL	Elevation	1151'
Log Measured From	KB		
Drilling Measured From	KB 13'		

Other Services
DIL
SONIC

Elevation
K.B. 1164'
D.F. 1163'
G.L. 1151'

Date	7-18-2010		
Run Number	ONE		
Depth Driller	3854'		
Depth Logger	3857'		
Bottom Logged Interval	3855'		
Top Log Interval	SURFACE		
Casing Driller	8.625" @ 254'		
Casing Logger	8.625" @ 254'		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEM-GEL		
Density / Viscosity	9.0 / 44		
pH / Fluid Loss	10 / 10		
Source of Sample	PIT		
Rm @ Meas. Temp	3.0 @ 80		
Rmf @ Meas. Temp	2.4 @ 80		
Rmc @ Meas. Temp	3.6 @ 80		
Source of Rmf / Rmc	CAL		
Rm @ BHT	2.1 @ 113		
Time Circulation Stopped			
Time Logger on Bottom			
Maximum Recorded Temperature	113		
Equipment Number	OW2		
Location	CLEVELAND, OK		
Recorded By	SHELDON TYLER	HUNTER WOODS	
Witnessed By	MR. PILAND	MR. LUPO	

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

FILE # OW2-7040
MATRIX LIMESTONE 2.71 g/cc
ABHV COMPUTED WITH 5 1/2" CASING

OSAGE WIRELINE

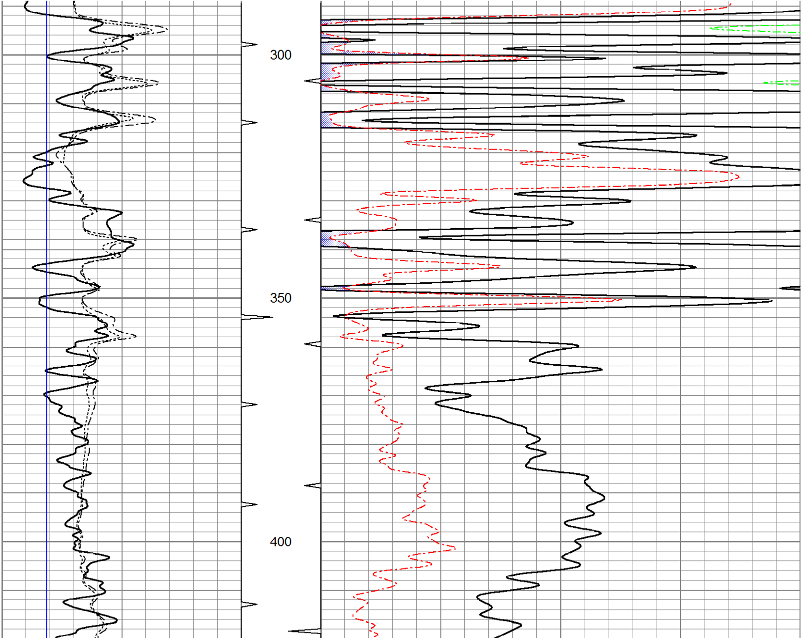
5" CDL/SWN MICROLOG

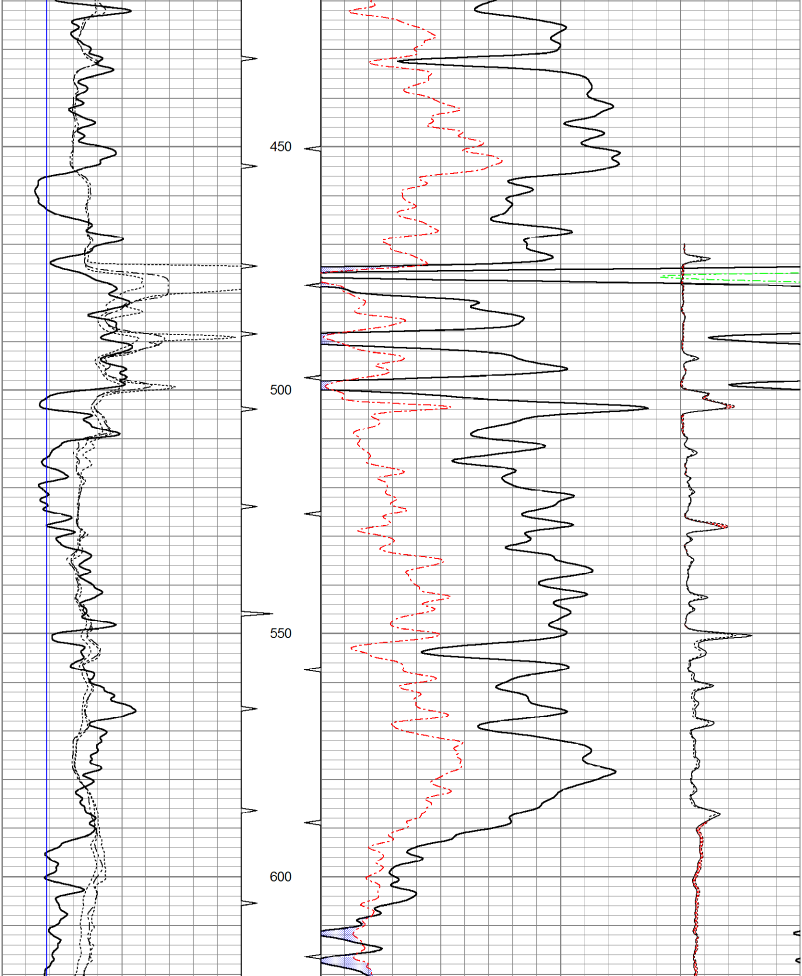
Database File:	ow2-7040 fossil creek.db
Dataset Pathname:	CDL/pass2.15
Presentation Format:	cdlnmel
Dataset Creation:	Sun Jul 18 13:44:31 2010 by Calc Open-Cased 081212
Charted by:	Depth in Feet scaled 1:240

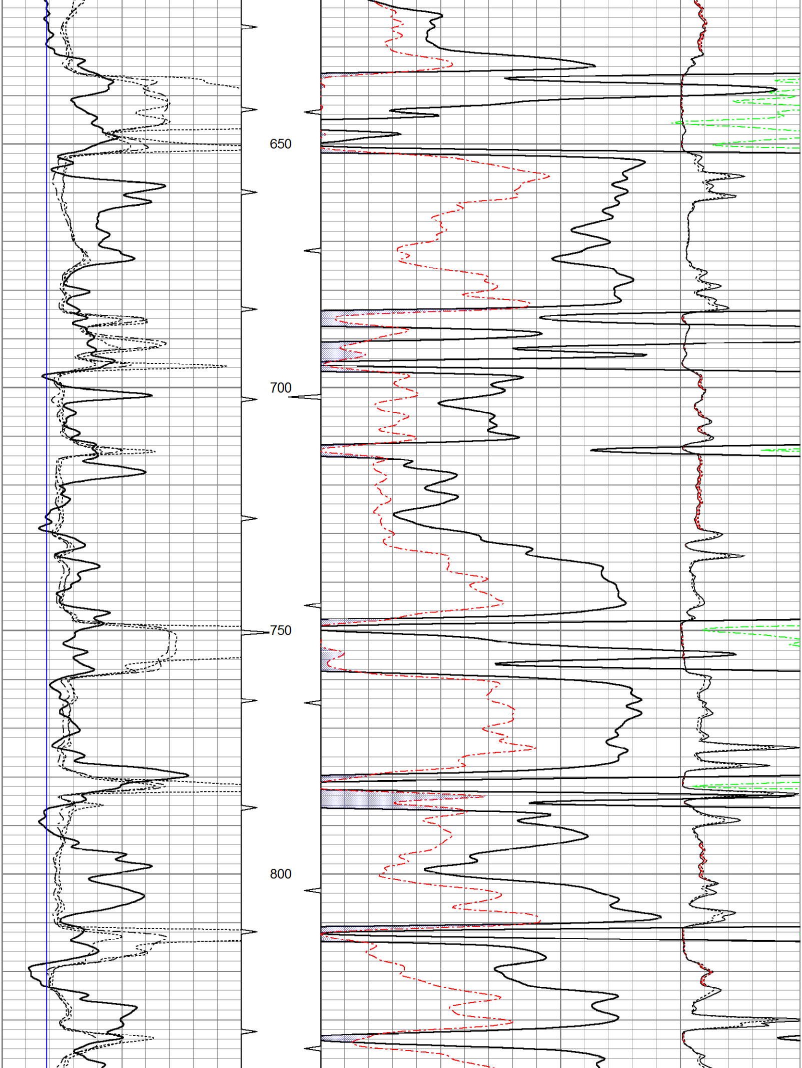
0 Gamma Ray (GAPI) 150
6 Bit size (in) 16
6 Neutron Caliper (in) 16
Micro Caliper
6 Density Caliper (in) 16

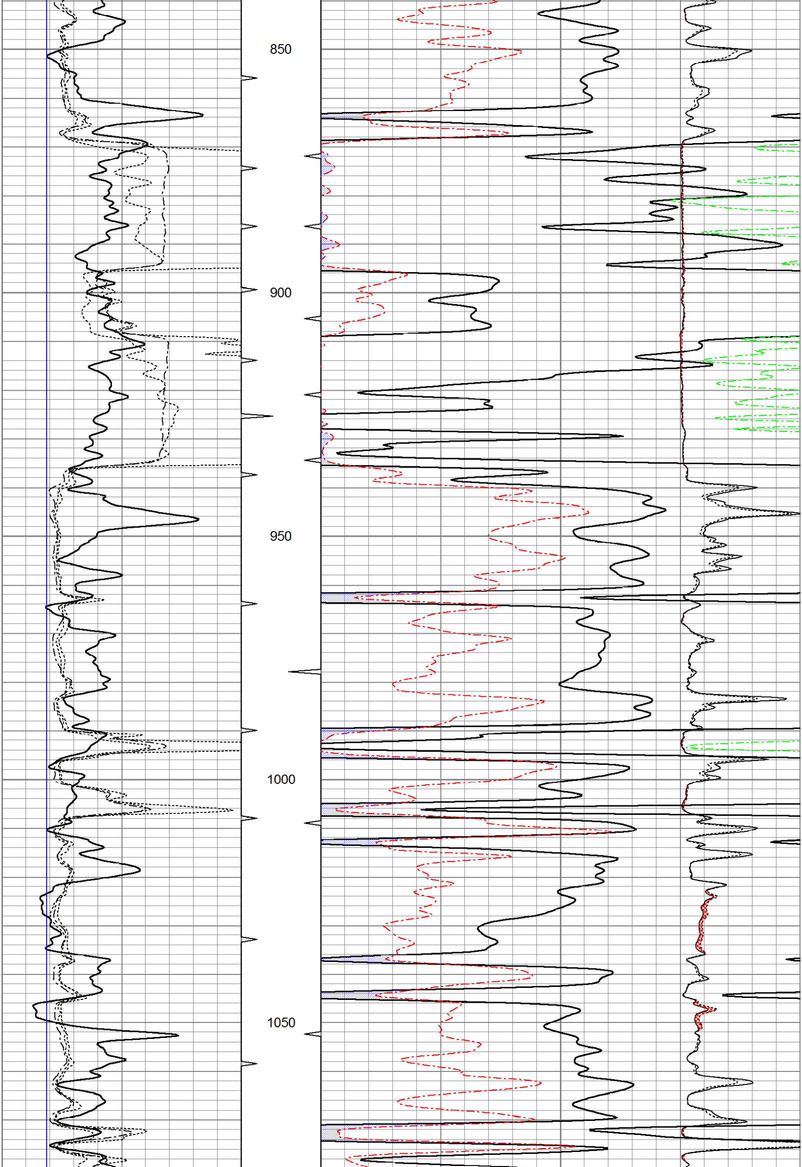
TBHV
ABHV

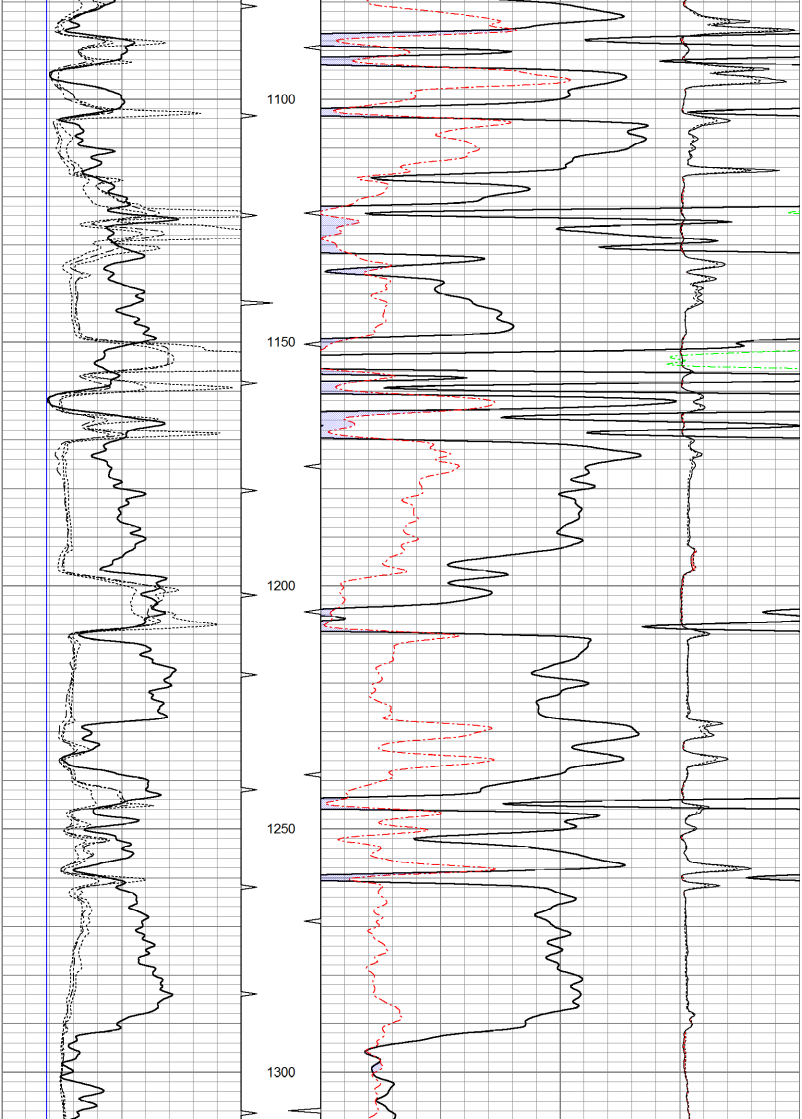
30 Density Porosity (pu) -10
30 Neutron Porosity (pu) -10
Micro Inverse
Micro Normal

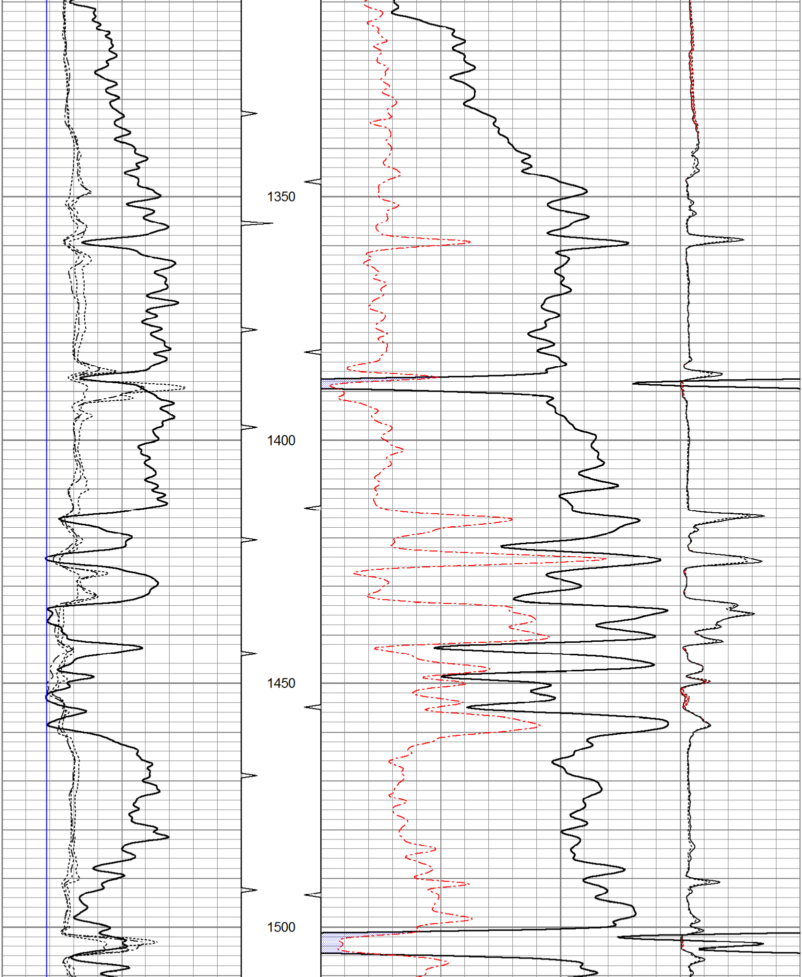


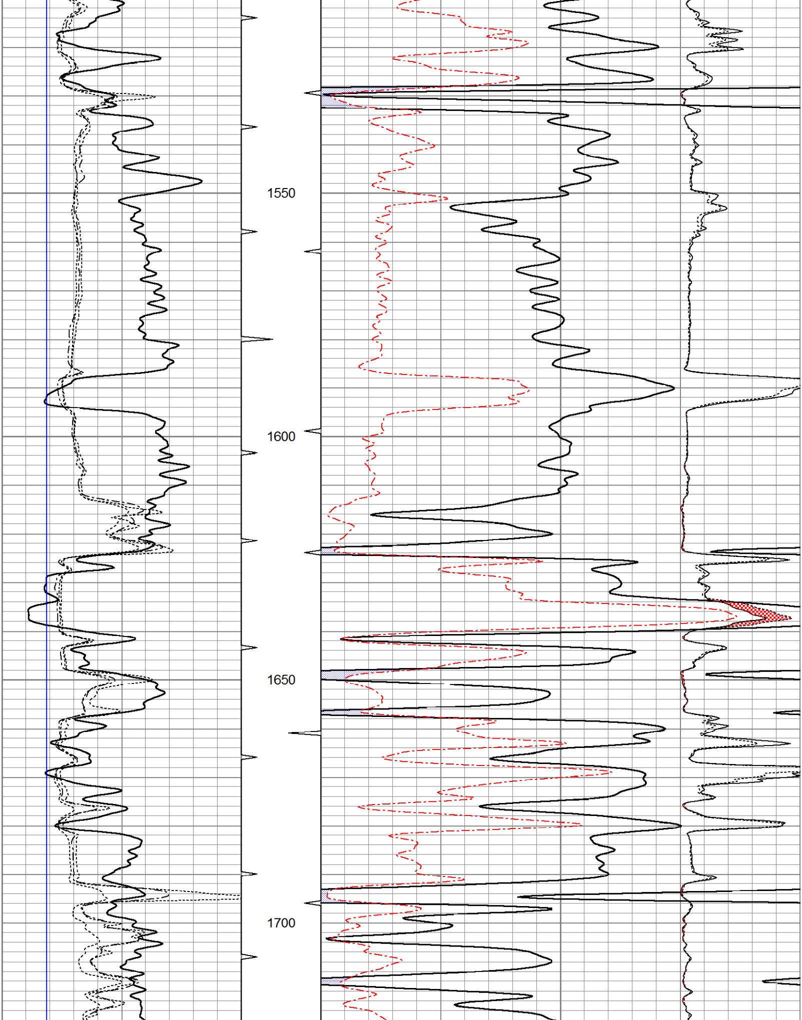


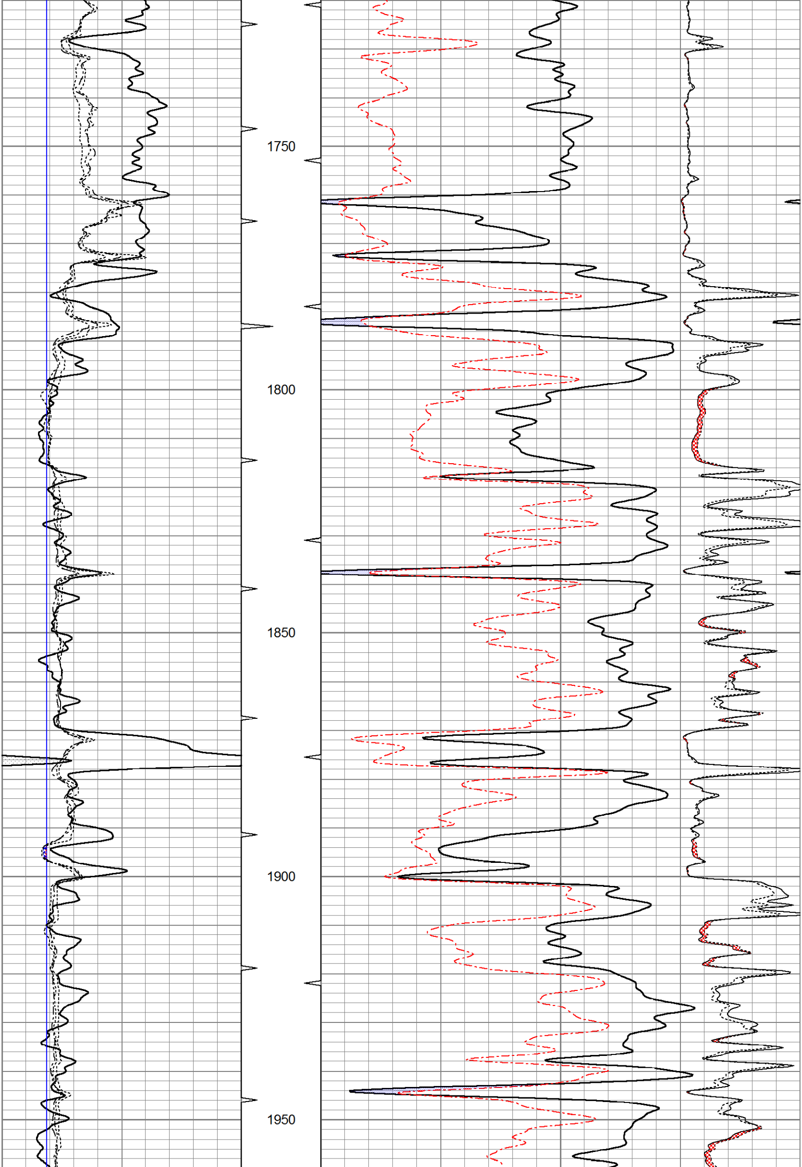


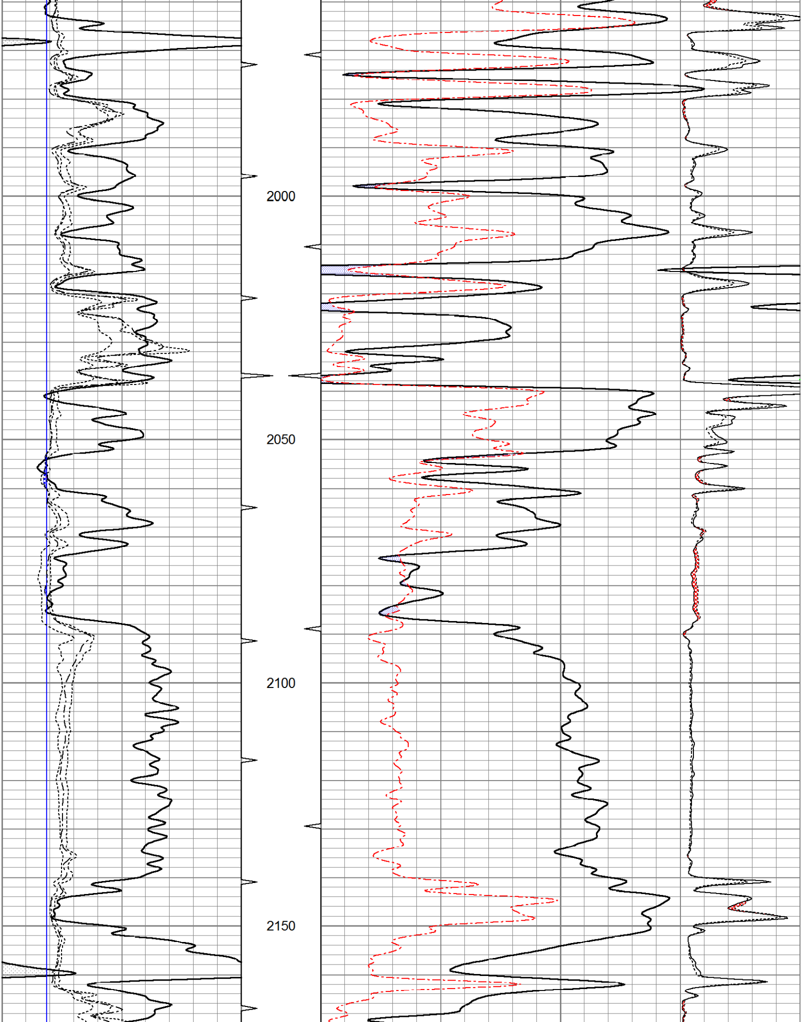


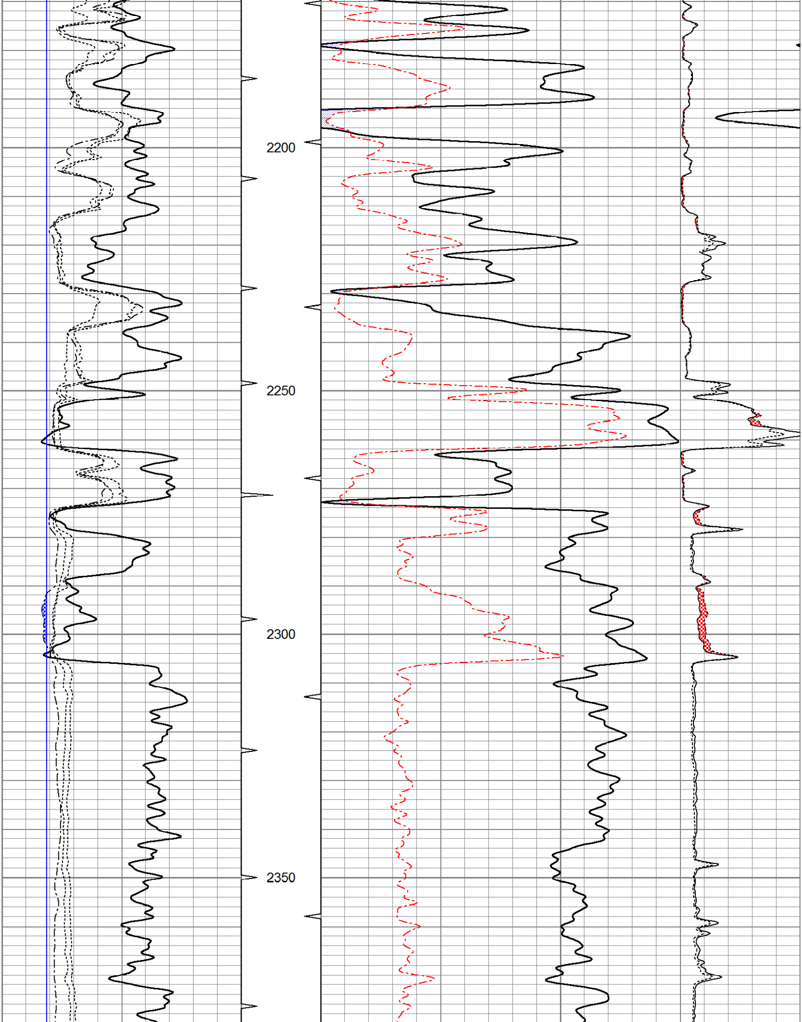


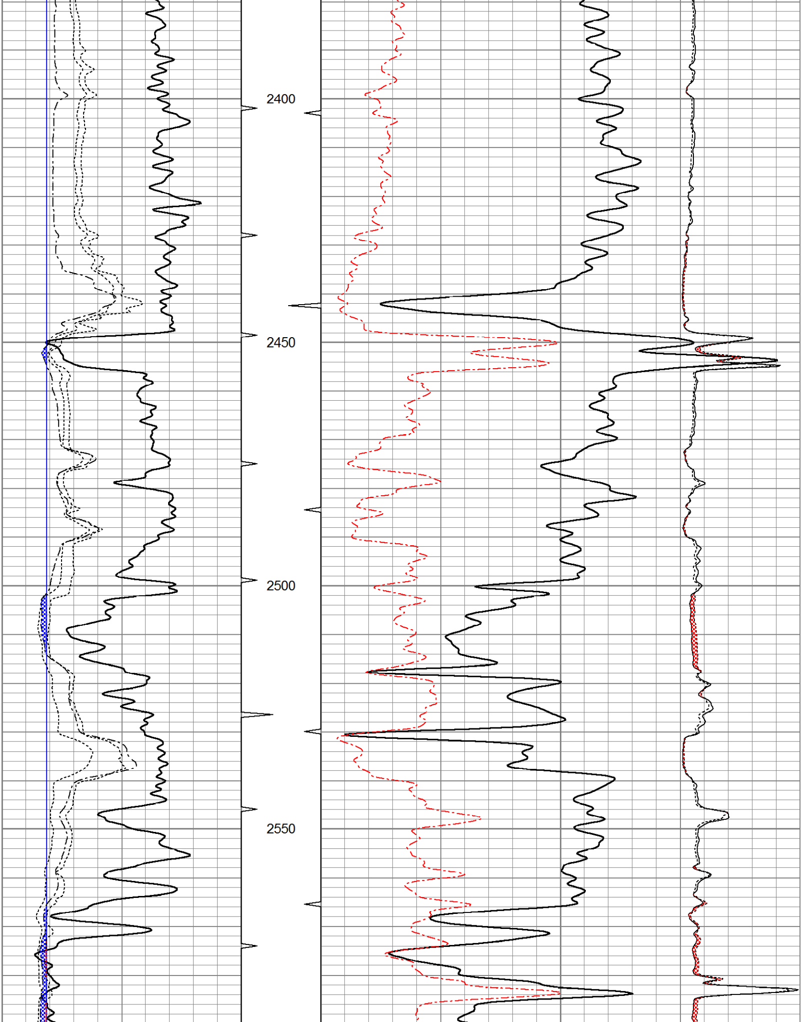


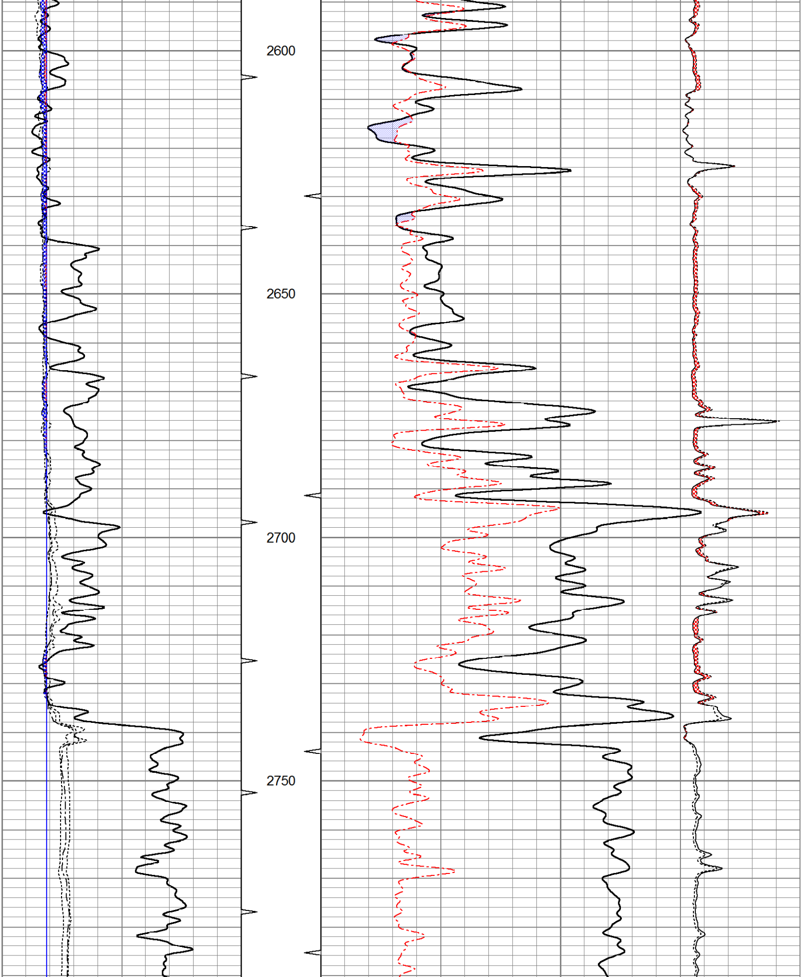


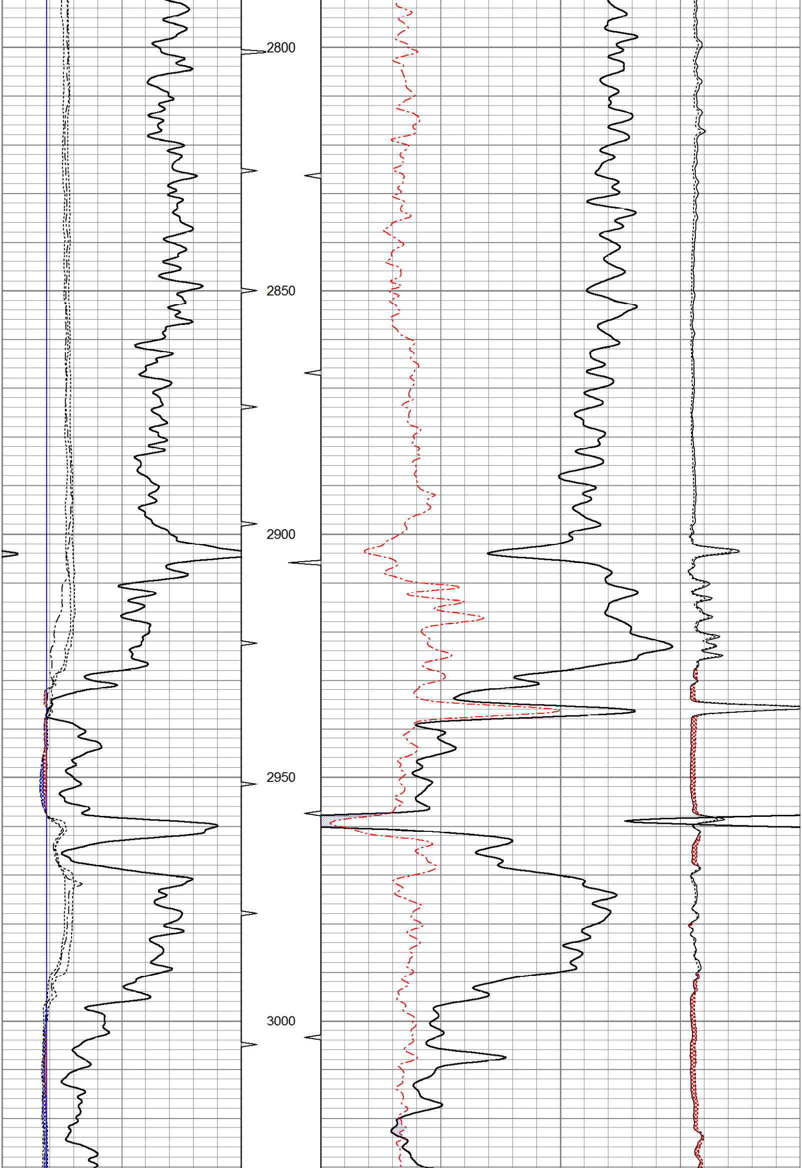


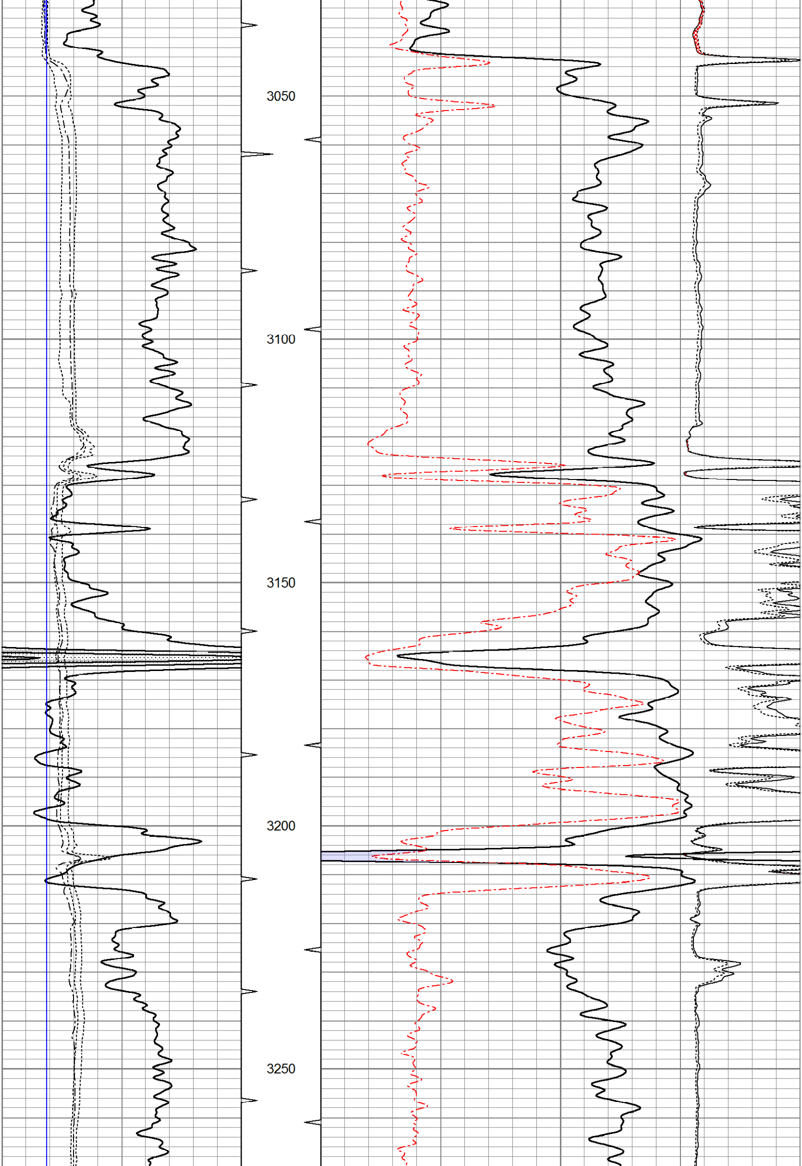


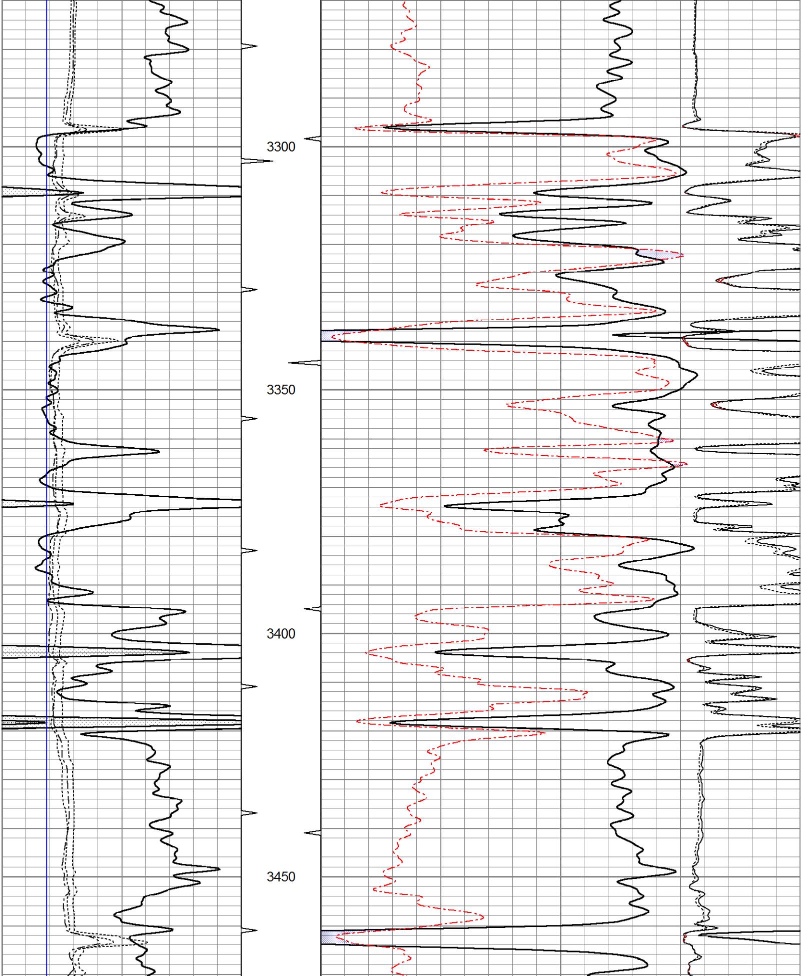


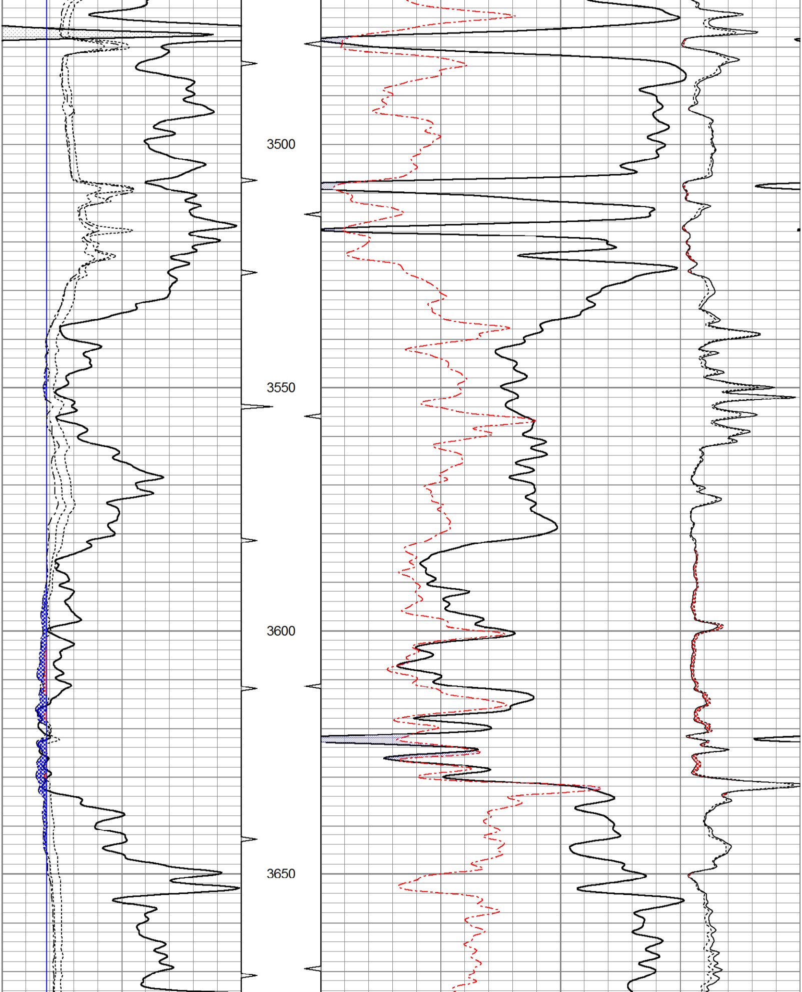


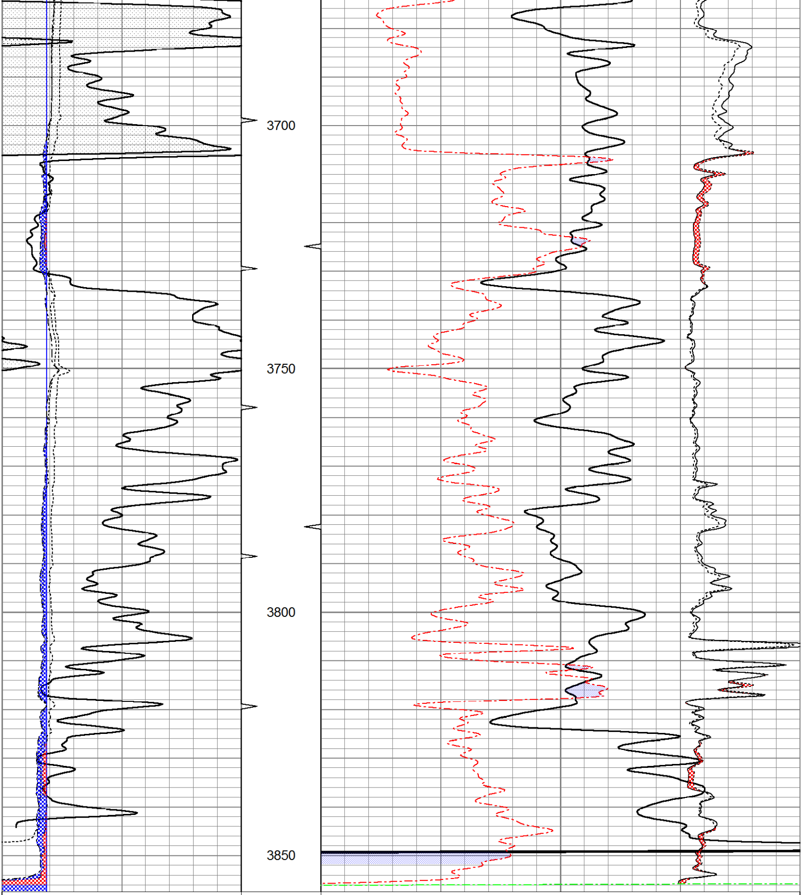










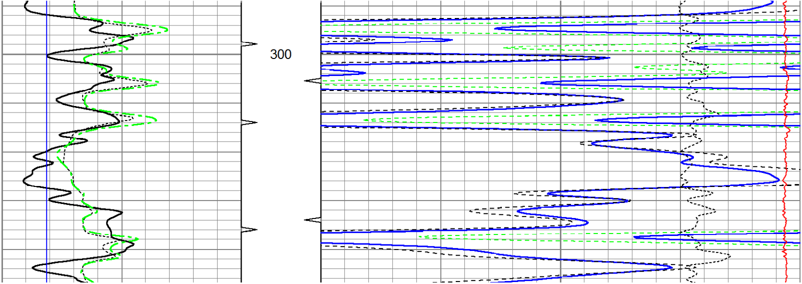


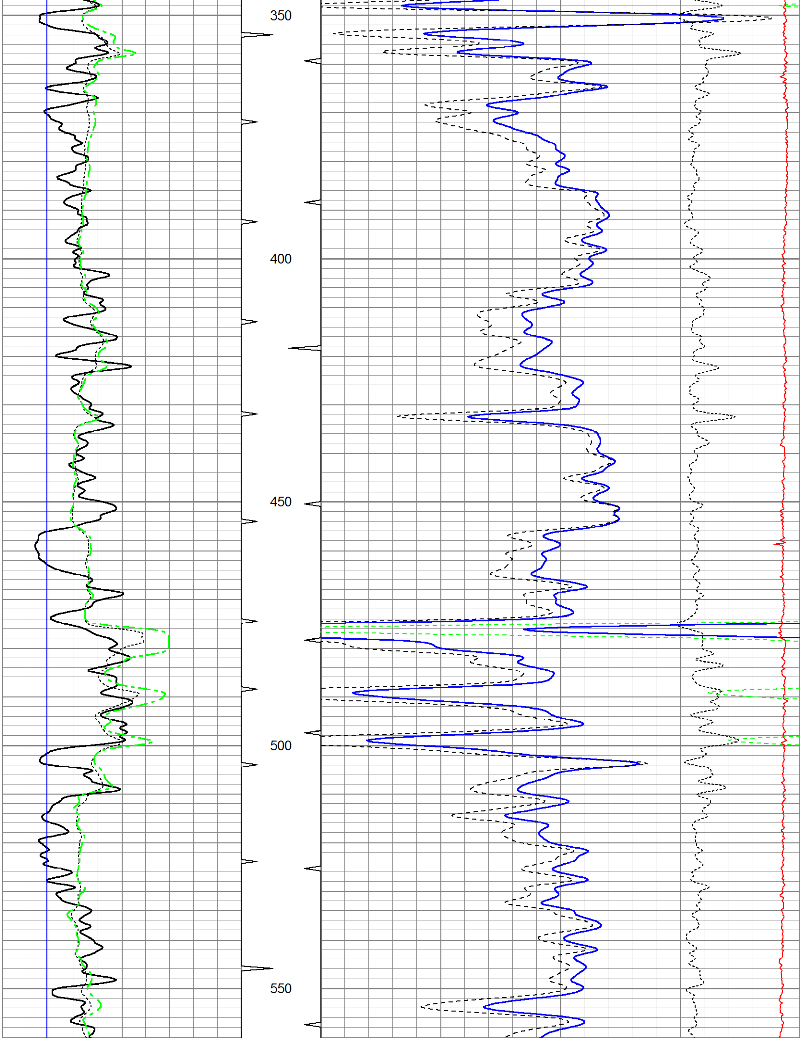
OSAGE WIRELINE

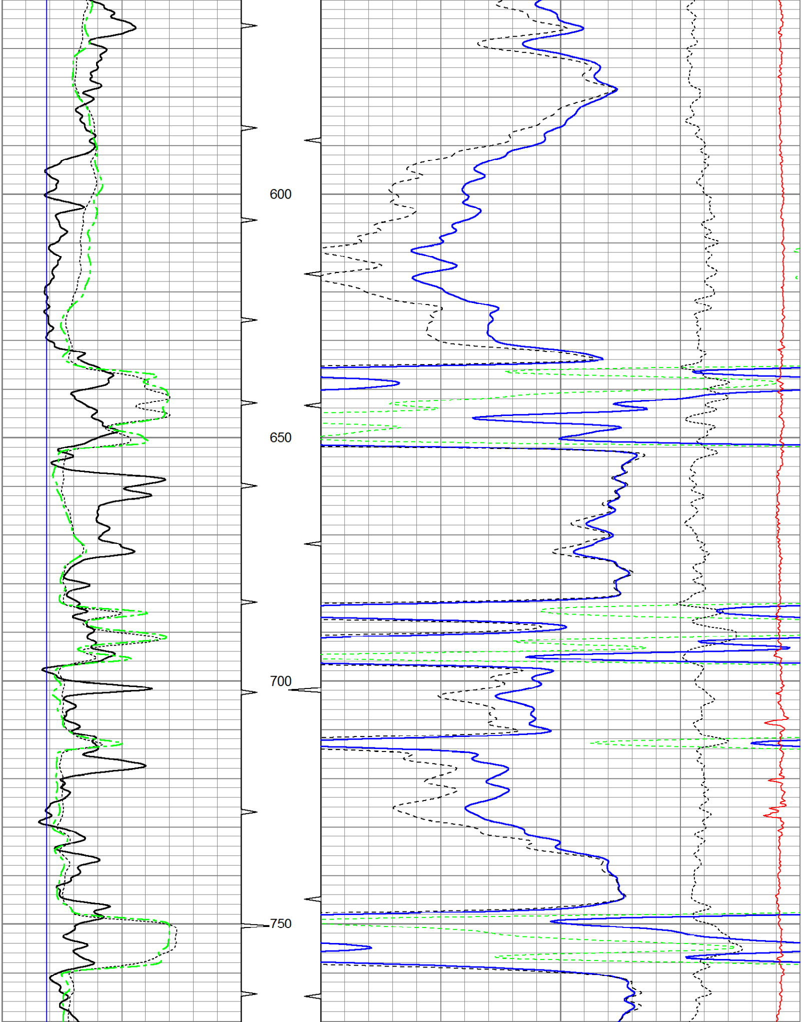
5" CDL SECTION

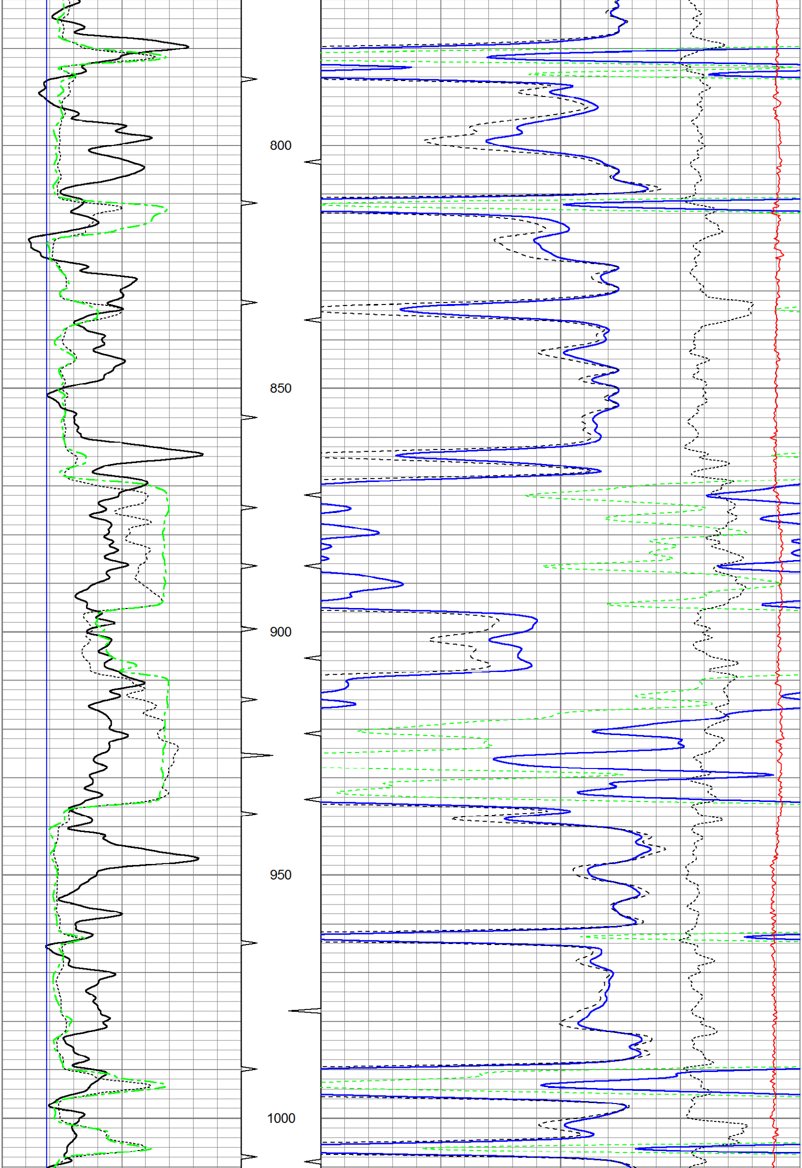
Database File: ow2-7040 fossil creek.db
Dataset Pathname: CDL/pass2.14
Presentation Format: bulk6
Dataset Creation: Sun Jul 18 13:43:42 2010 by Calc Open-Cased 081212
Charted by: Depth in Feet scaled 1:240

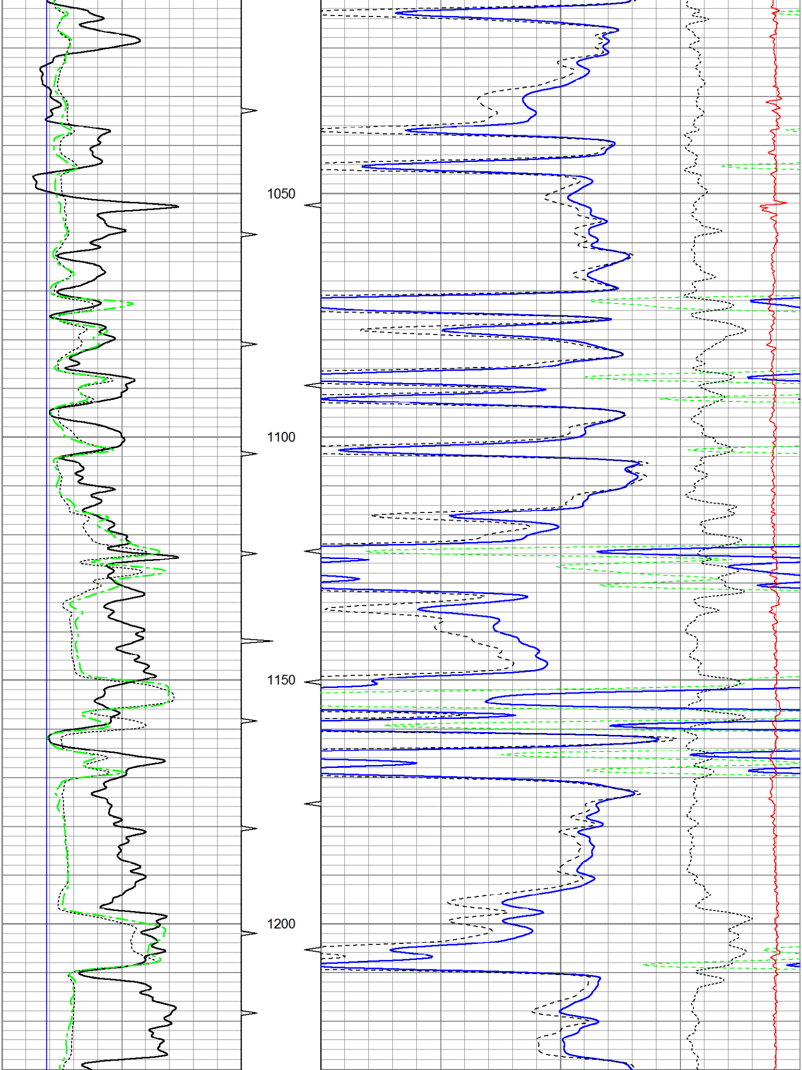
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
6	Bit size (in)	16	ABHV	30	Density porosity (pu)	-10
6	Density Caliper (in)	16		-0.5	Correction (g/cc)	0.5
6	Neutron Caliper (in)	16		4500	Line Tension (lb)	500

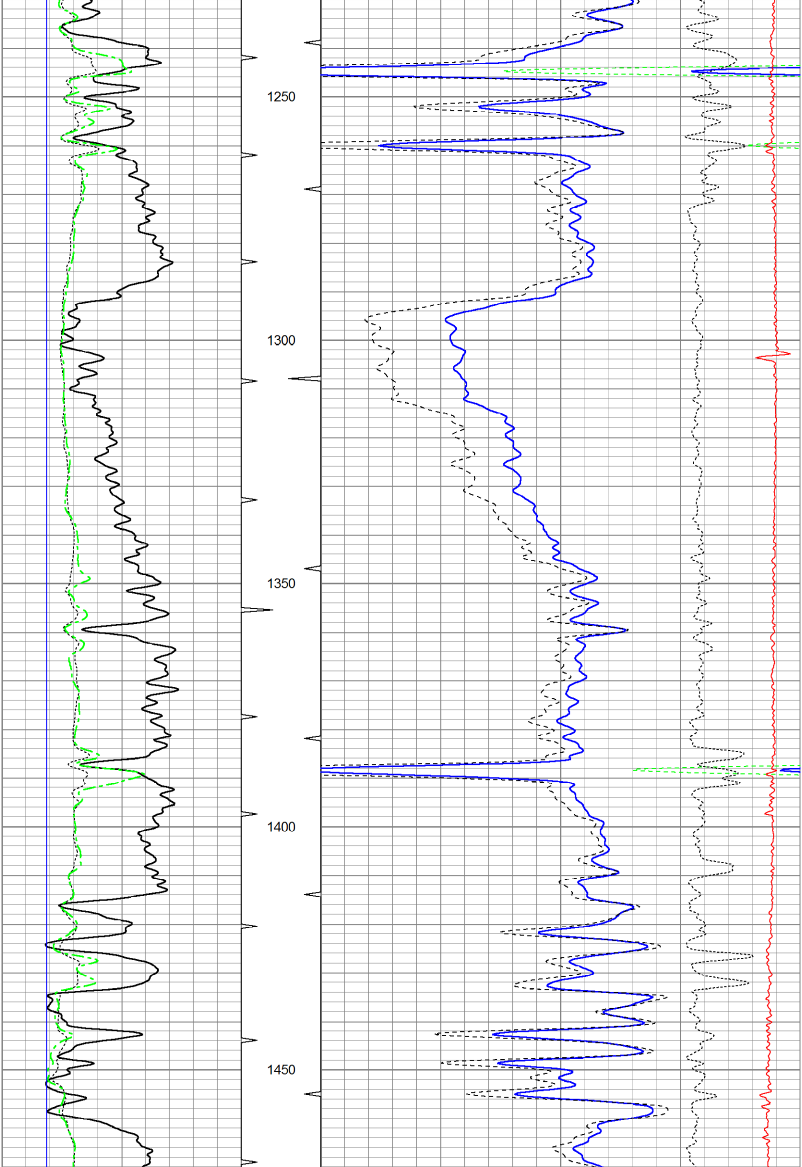


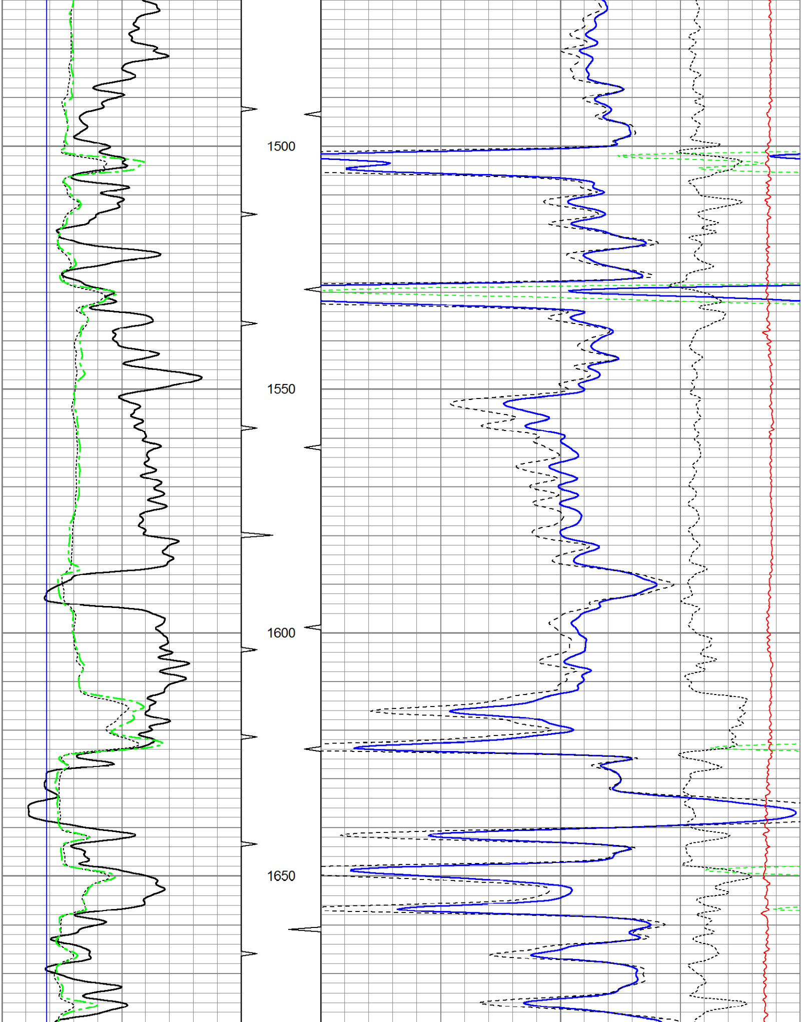


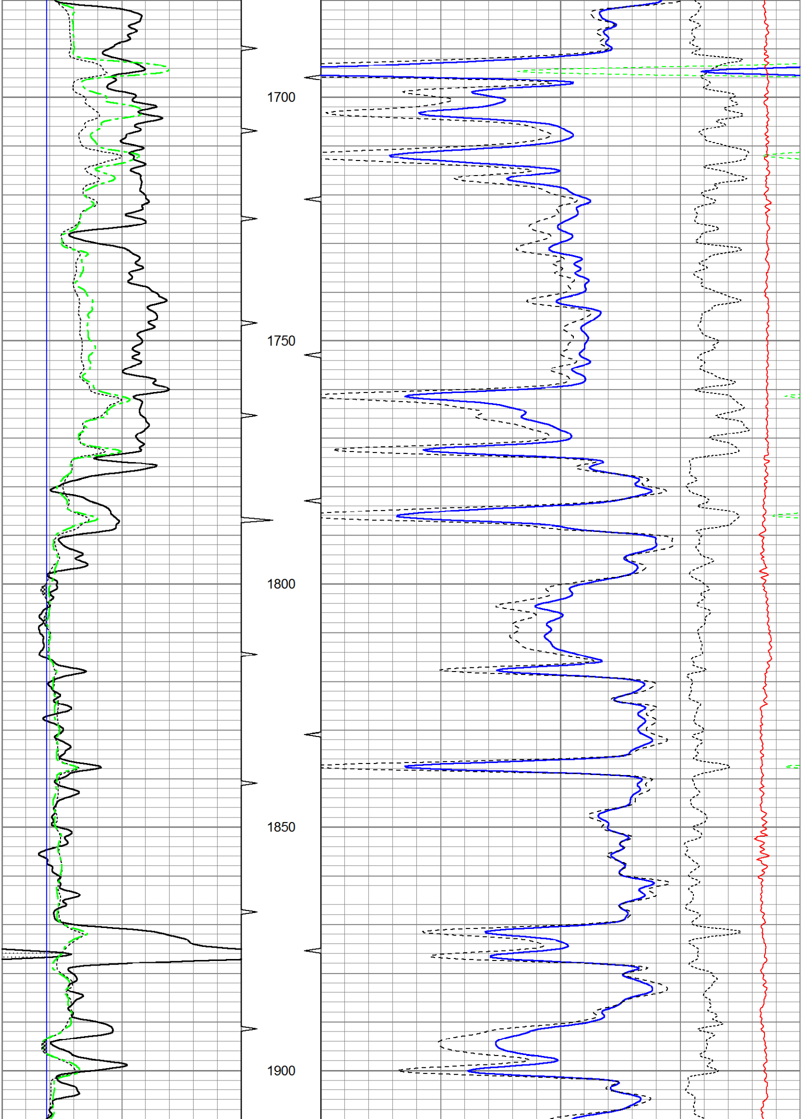


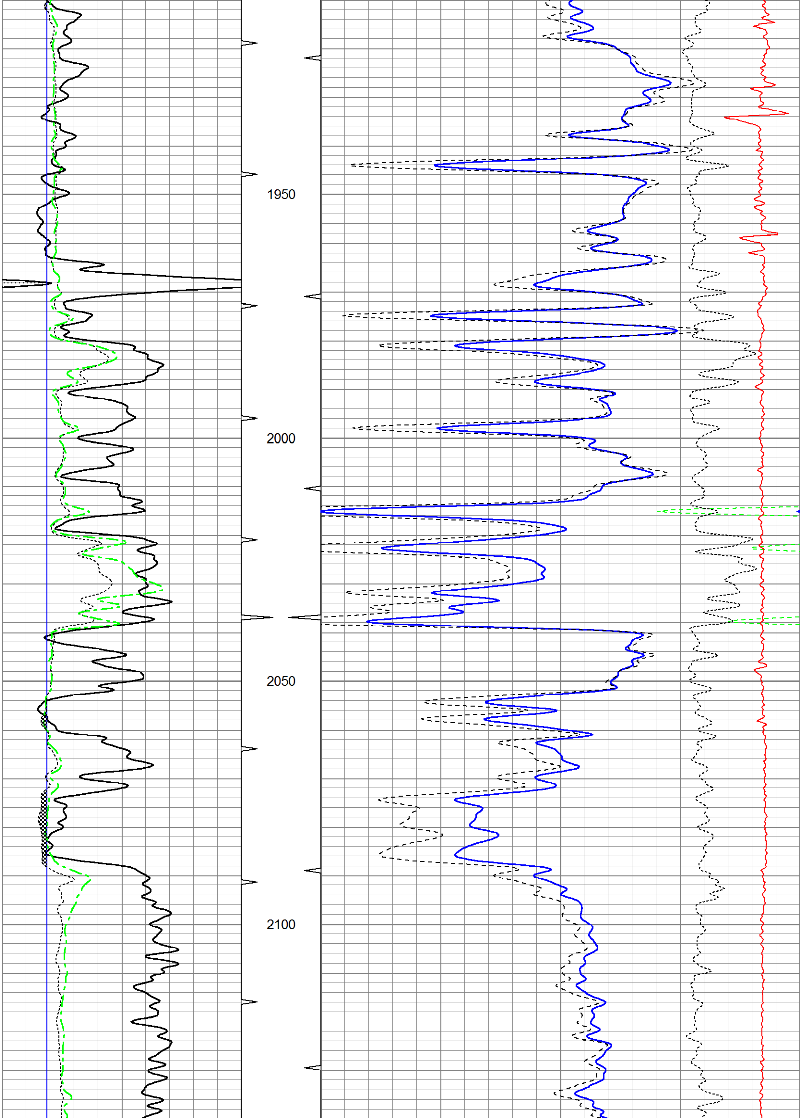


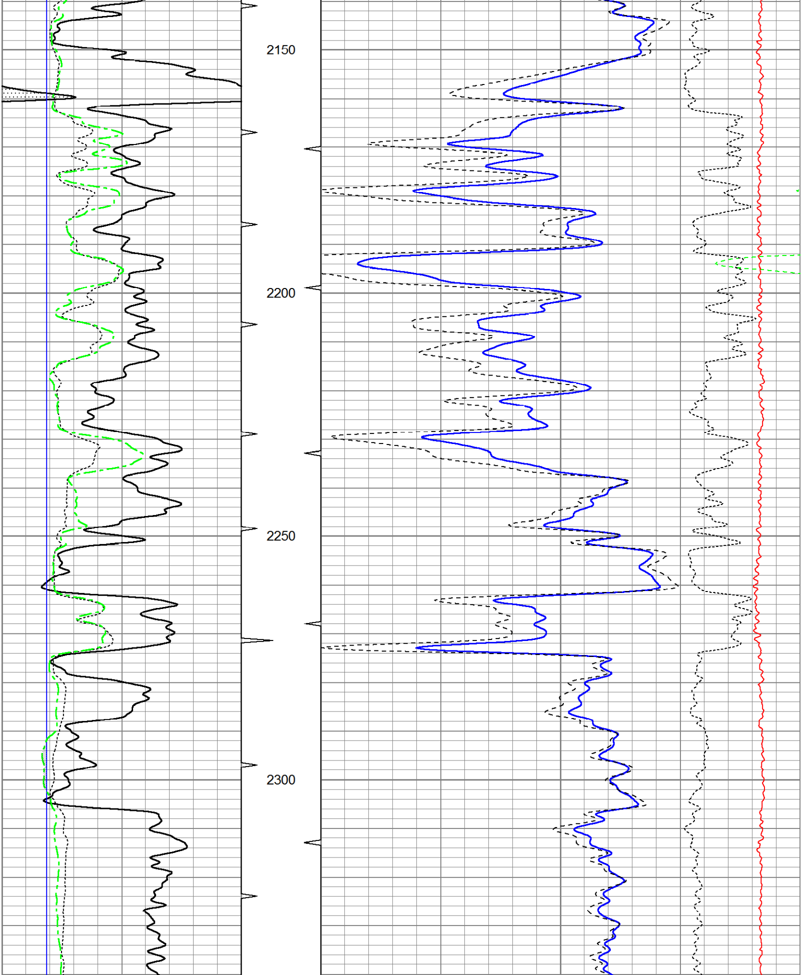


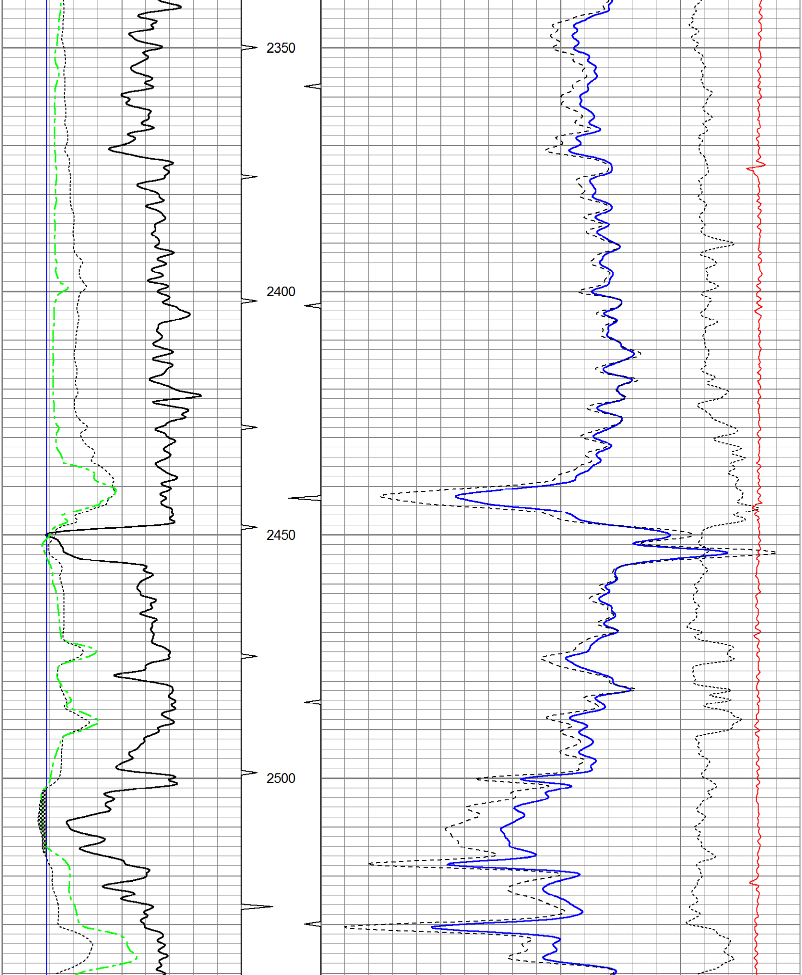


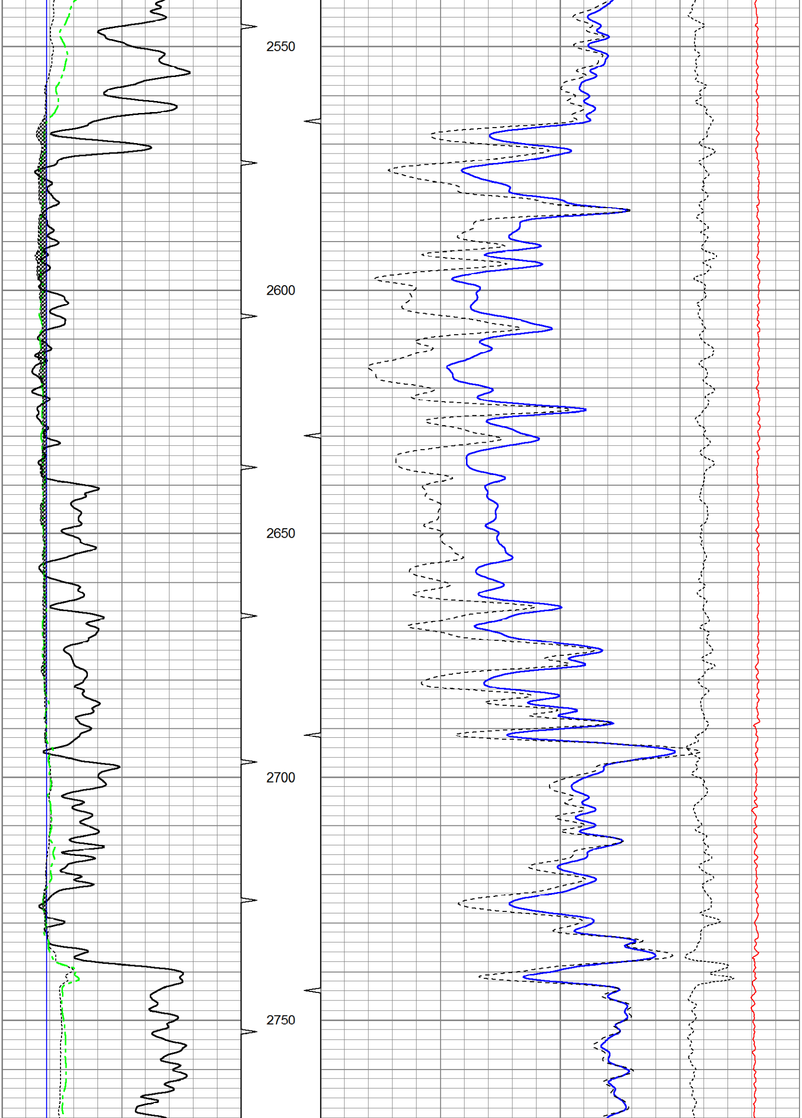


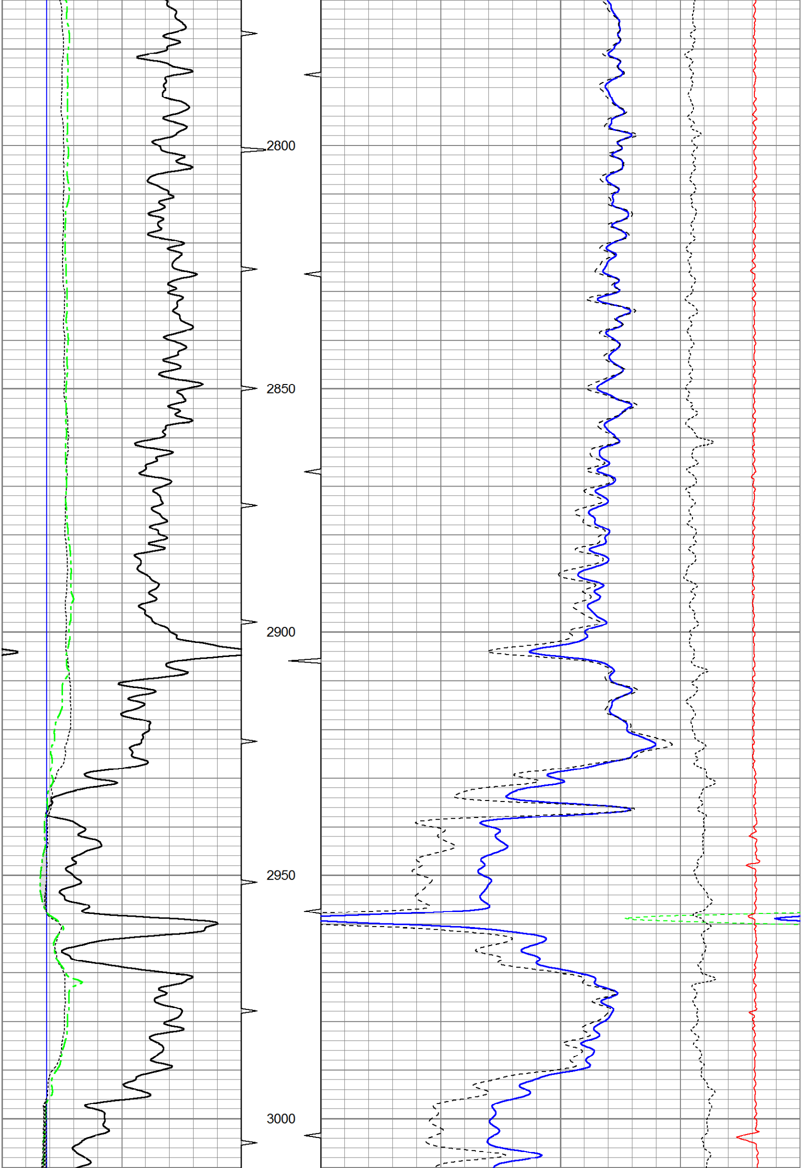


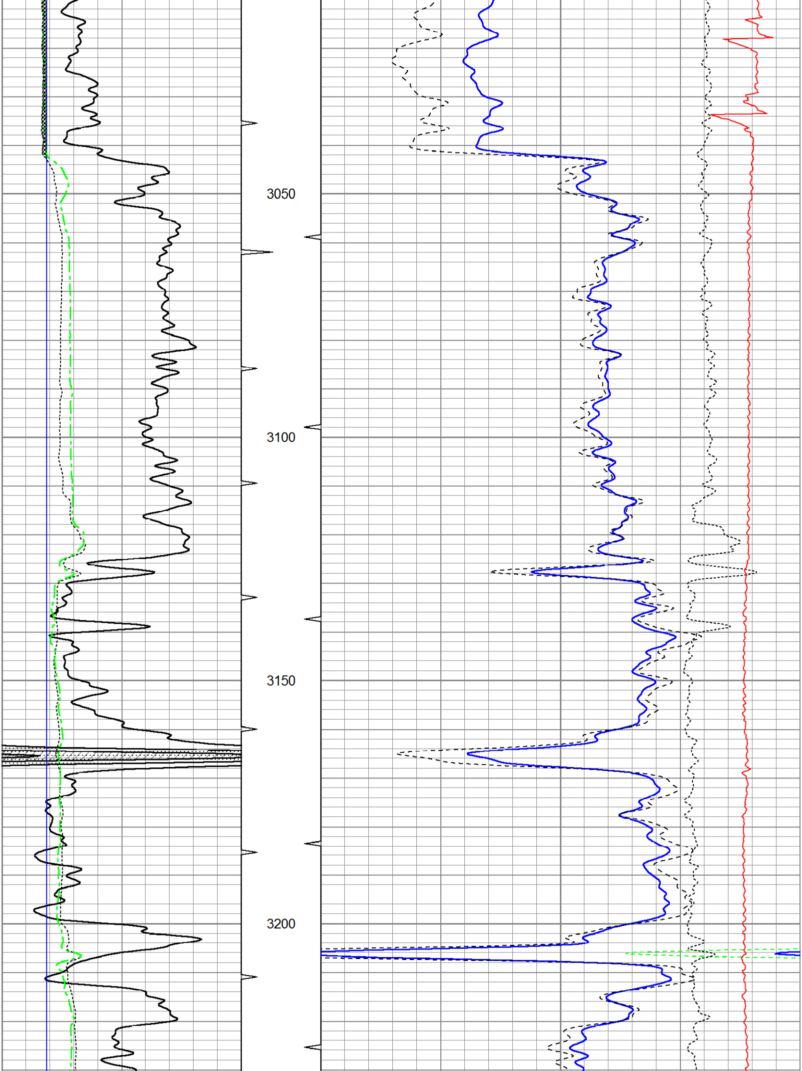


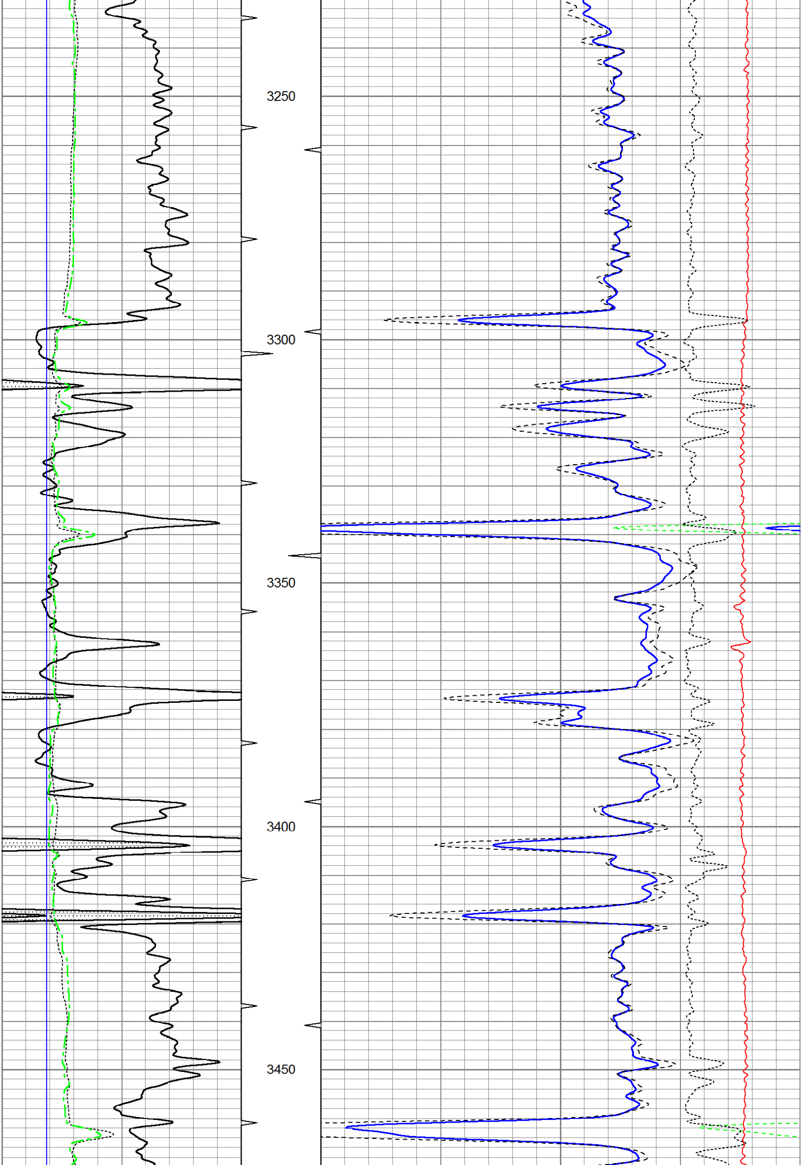


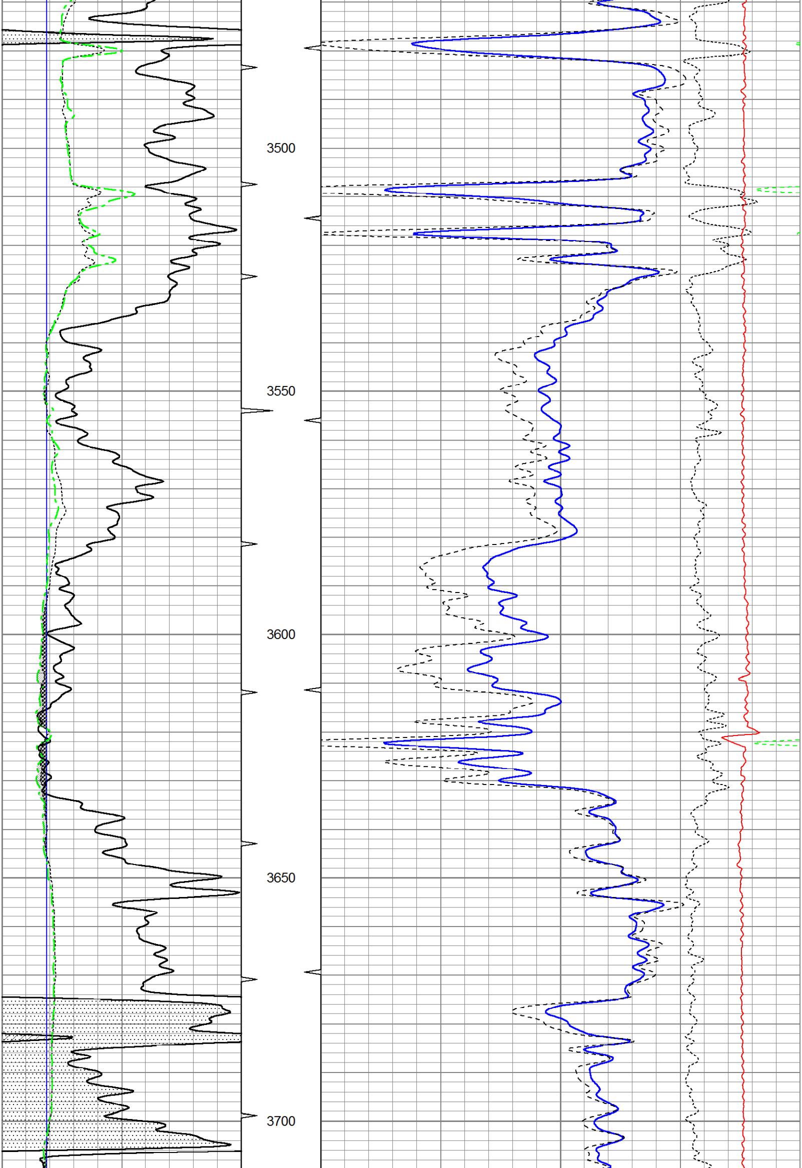


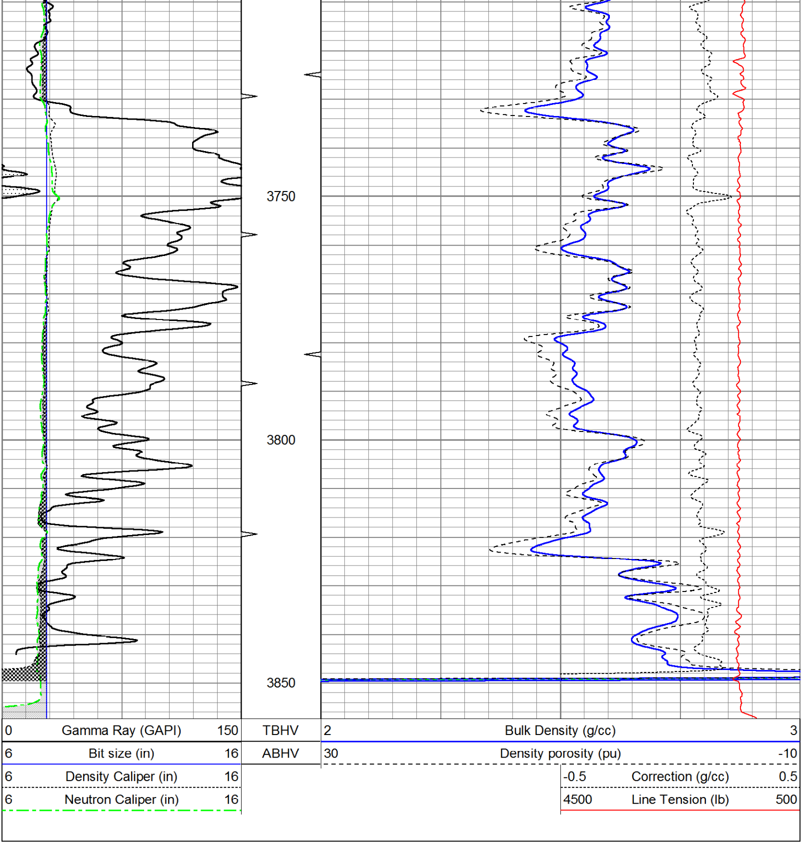












Calibration Report

Database File: ow2-7040 fossil creek.db
Dataset Pathname: CDL/pass2.12
Dataset Creation: Sun Jul 18 13:40:32 2010 by Calc Open-Cased 081212

Neutron Calibration Report

Serial Number: SWN-3015
Tool Model: PROBEOP
Performed: Tue Feb 02 12:50:39 2010

Calibrator Values:	2	24	
Calibrator Readings:	585	215	cps

Sensitivity: -0.0594595 /cps

Sidewall Neutron Calibration Report

Serial Number: SWN-3015
Tool Model: PROBEOP

SWN Calibration Sun Jun 13 14:33:21 1993

Readings		Target		Normalization
1.00	cps	1.00	cps	1.0000

Caliper Calibration Sun Jun 13 14:33:21 1993

Readings	Reference	Gain	Offset
2.19	5.90	1.99	1.53
5.13	11.75		

Compensated Density Calibration Report

Serial-Model: 2122-GOI
Source / Verifier: /
Master Calibration Performed: Thu Jul 15 20:28:04 2010
Before Survey Verification Performed:
After Survey Verification Performed:

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.699	g/cc	793.73	464.75	cps
Aluminum	2.568	g/cc	180.82	317.68	cps

Spine Angle = 75.58

Density/Spine Ratio = 0.569

	Size		Reading	
Small Ring	3.80	in	3.24	V
Large Ring	11.25	in	6.04	V

Before Survey Verification

Target		Measured	
	g/cc		g/cc
	g/cc		g/cc
	g/cc		g/cc

After Survey Verification

Target		Measured	
	g/cc		g/cc
	g/cc		g/cc
	g/cc		g/cc

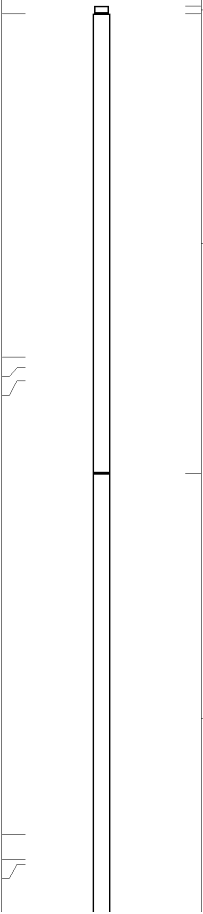
Gamma Ray Calibration Report

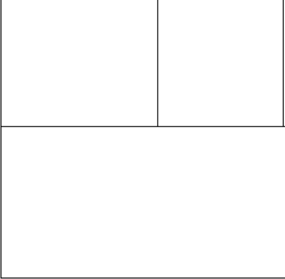
Serial Number: 2122
Tool Model: GOI
Performed: Tue Feb 02 12:50:27 2010

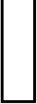
Calibrator Value: 130.0 GAPI

Background Reading: 5.0 cps
Calibrator Reading: 100.0 cps

Sensitivity: 1.2105 GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	15.00		OHGR-GOI (2122)	0.13	3.25	
			CDL-GOI (2122)	7.25	4.00	100.00
DCAL	9.58					
LSD	9.42					
SSD	9.21					
			OHNEU-PROBEOP (SWN-3015)	7.75	4.00	100.00
SCAL	2.04					
SWN	1.65					
NEU	1.57					





Dataset:
Total Length:
Total Weight:
O.D.

ow2-7040 fossil creek.db: fiel
15.13 ft
200.00 lb
4.00 in

d/well/CDL/pass2.13