Company	ENCANA OIL & GAS (USA) INC
Well	JILLSON-EAST RINN 3F-22H-M268
Field	WATTENBERG
County	WELD State CO

PIONEER
Pioneer Energy Services

RADIAL SECTOR BOND LOG WITH GAMMA RAY

Company	**ENCANA OIL & GAS (USA) INC**
Well	**JILLSON-EAST RINN 3F-22H-M268**
Field	**WATTENBERG**
County	**WELD** State **CO**

Location: API # : 05123396320000
SHL: 374' FSL & 721' FWL
SEC 22 TWP 2N RGE 68W

Other Services
NONE

Permanent Datum	GL	Elevation 4953	Elevation K.B. 4966 D.F. 4966 G.L. 4953
Log Measured From	KB		
Drilling Measured From	KB		

Date of Service	JULY 28, 2014
Run Number	ONE
Depth Driller or PBTD	15096
Depth Logger	7505
Bottom Log Interval	7505
Top Log Interval	SURFACE
Open Hole Size	8+7/8"
Type Fluid	WBM
Fluid Level	35
Fluid Density	10.9
Max. Recorded Temperature	NA
Max. Wellhead Pressure	0
Wellhead Connection	NA
Estimated Cement Top	830
Unit Number	59
Wireline Size	9/32"
Location	FT MORGAN, CO
Recorded By	SCHUMAN
Witnessed By	MR. DAVE HILDRETH

	Size	Wt/Ft	Top	Bottom
Tubing Record				
Surface Casing	9+5/8"	40#	SURFACE	854
Production Casing	7"	26#	SURFACE	7822
Liner Record				

<<< Fold Here >>>

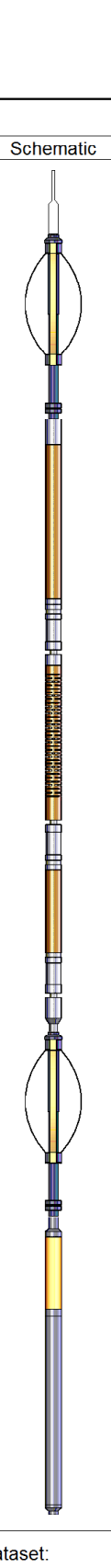
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.
S.O.# 2-280022

THANK YOU FOR USING PIONEER Energy SERVICES

Your Pioneer Energy Services Crew	Tool Data - Services	Serial Number
Engineer: Shaun	Sector CBL	11206
Operator: Geno		
Operator: Shaun		
Operator:		

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			STNDRD Standard Cable Head	1.00	1.69	10.00
			PTS275	2.83	2.75	
TEMP	13.86					
WVF3FT	11.63		RBT-RBTC3 (111206) Corrosion RBLw/Temp	9.36	2.75	90.00
WVFCAL	11.63					
WVFS1	11.63					
WVFS2	11.63					
WVFS3	11.63					
WVFS4	11.63					
WVFS5	11.63					
WVFS6	11.63					
WVFS7	11.63					
WVFS8	11.63					
WVF5FT	10.63					
			PTS275	2.83	2.75	
CCL	3.63					
GR	2.30		GR_CCL-Probe (111211) Probe Gamma CCL	4.54	2.75	100.00

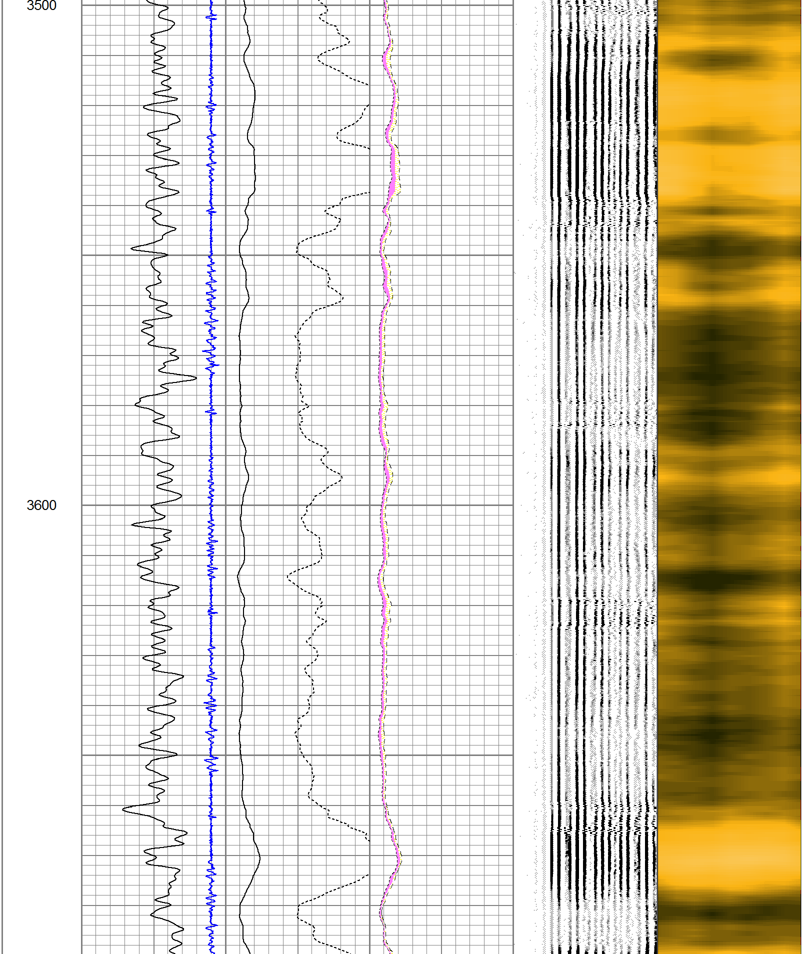
Dataset: jillson east rinn 3f-22h_rbl.db: field/well/run1/pass3
Total Length: 20.57 ft
Total Weight: 200.00 lb
O.D. 2.75 in

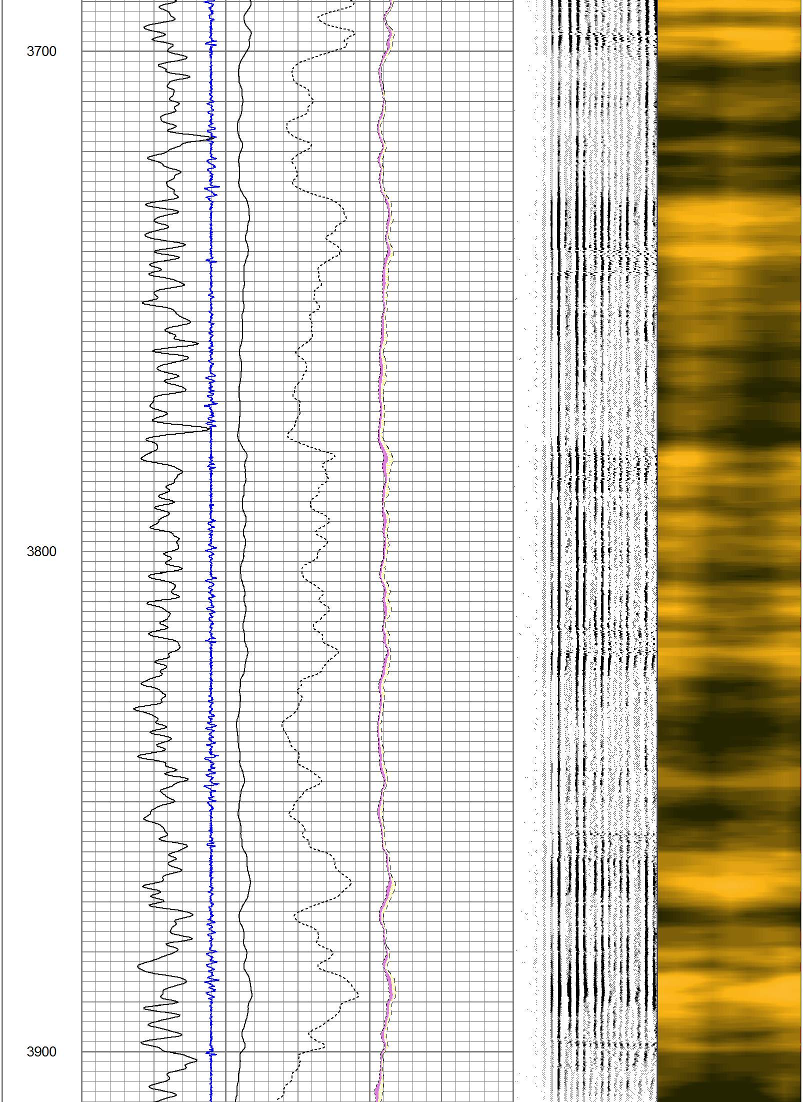
PIONEER
Pioneer Energy Services

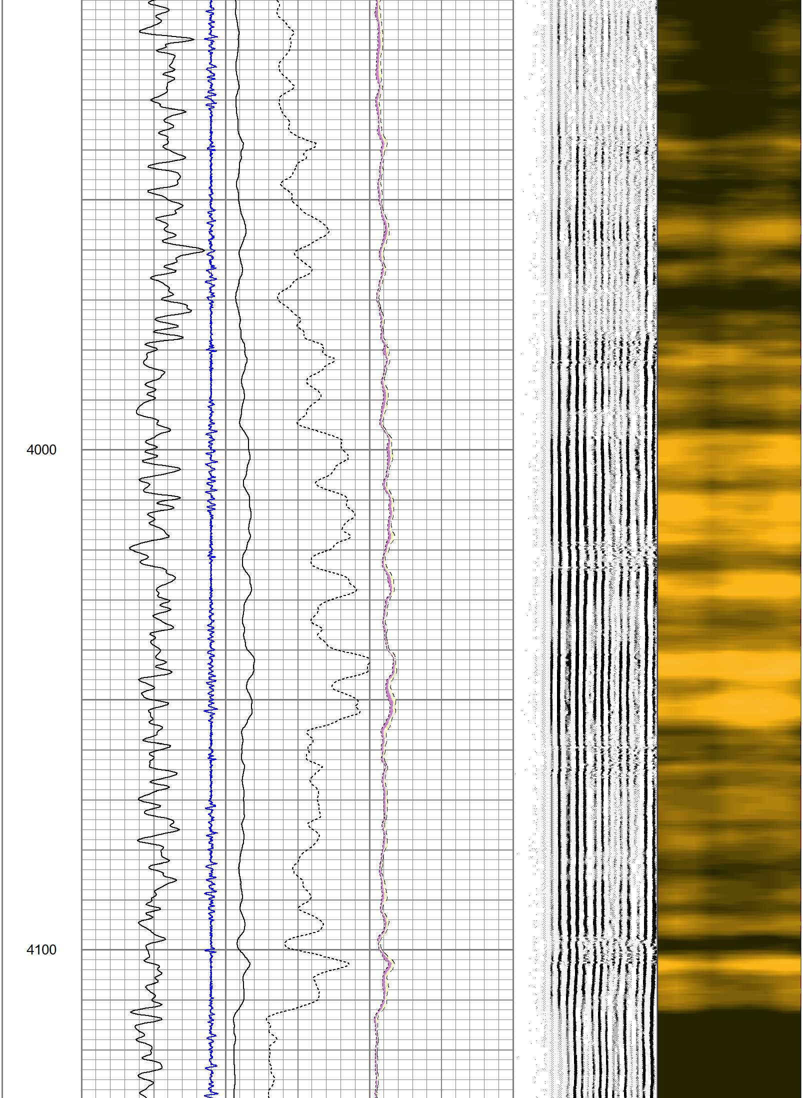
Main Pass

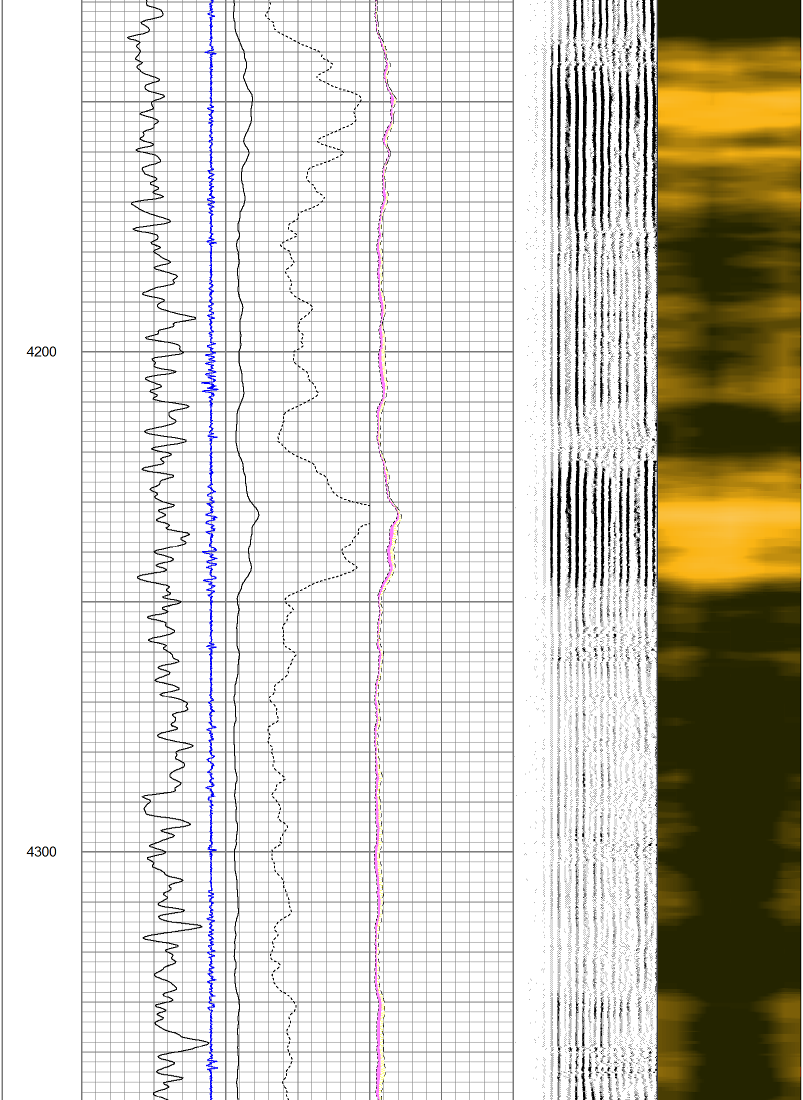
Logged with 0 PSI applied at surface

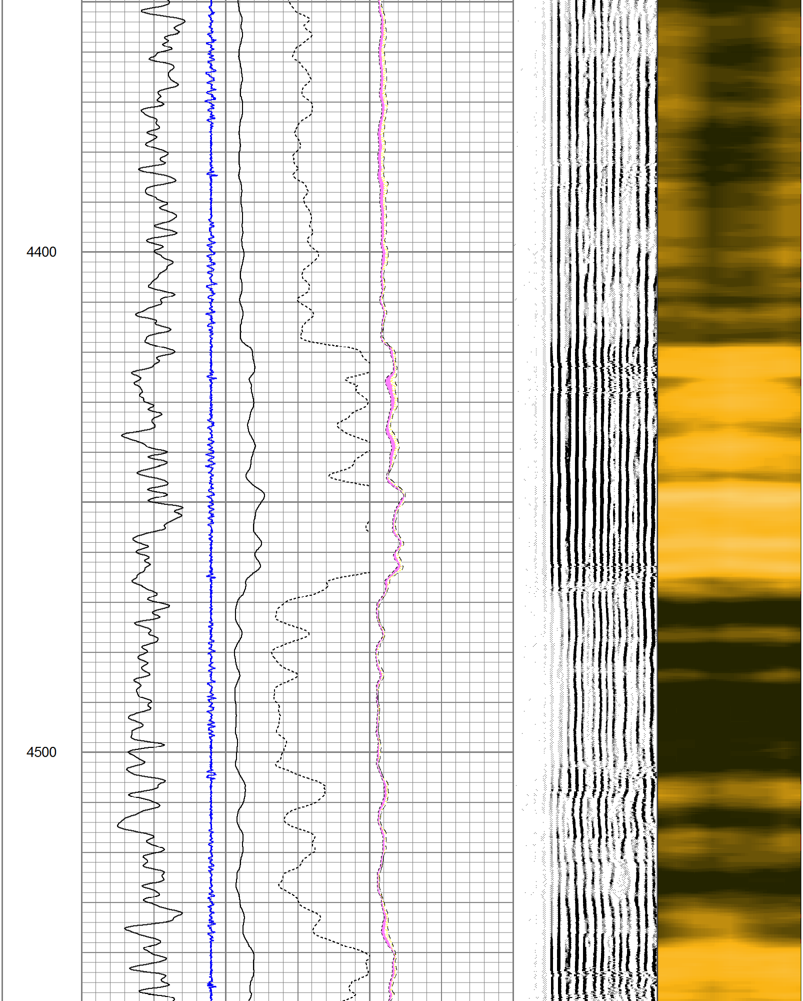
Database File: jillson east rinn 3f-22h_rbl.db
Dataset Pathname: pass3.4
Presentation Format: scbl02
Dataset Creation: Mon Jul 28 16:33:14 2014 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240

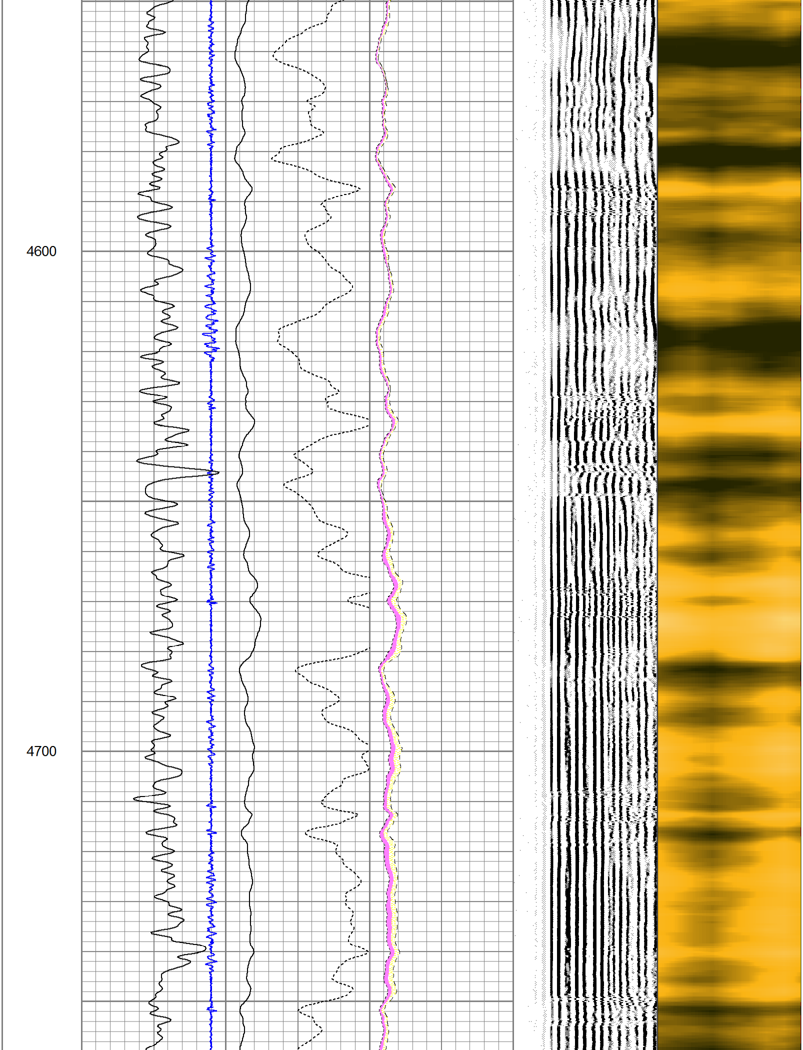

3500
3600

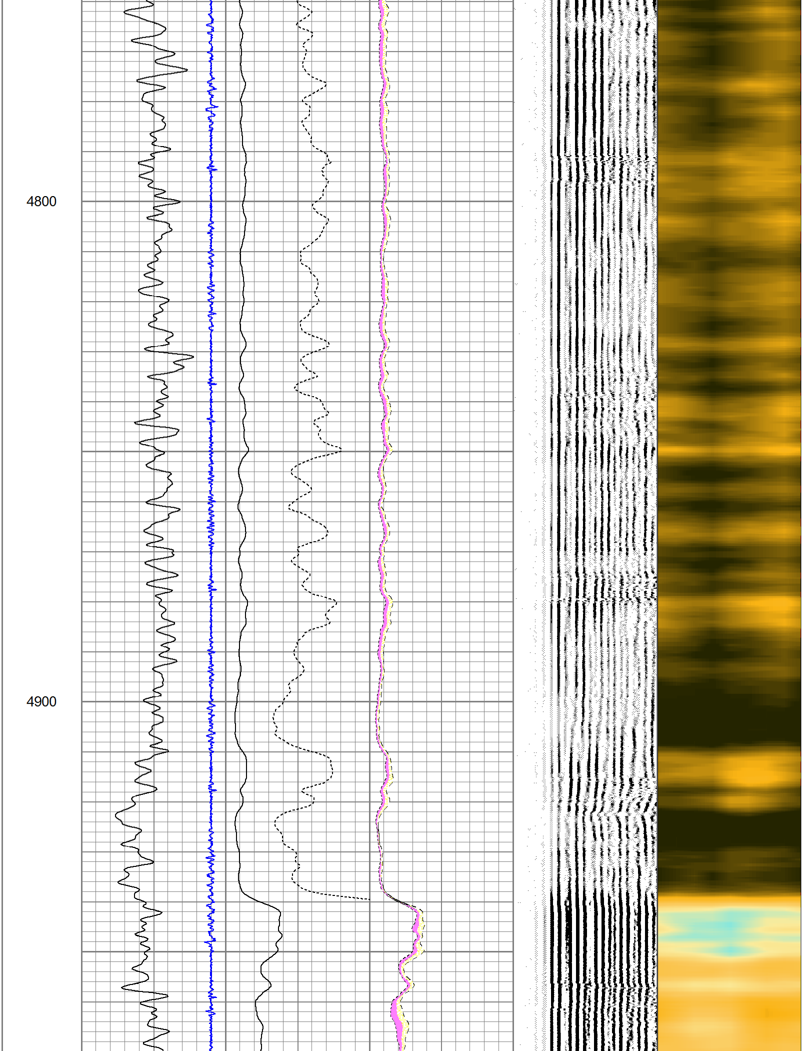

3700
3800
3900

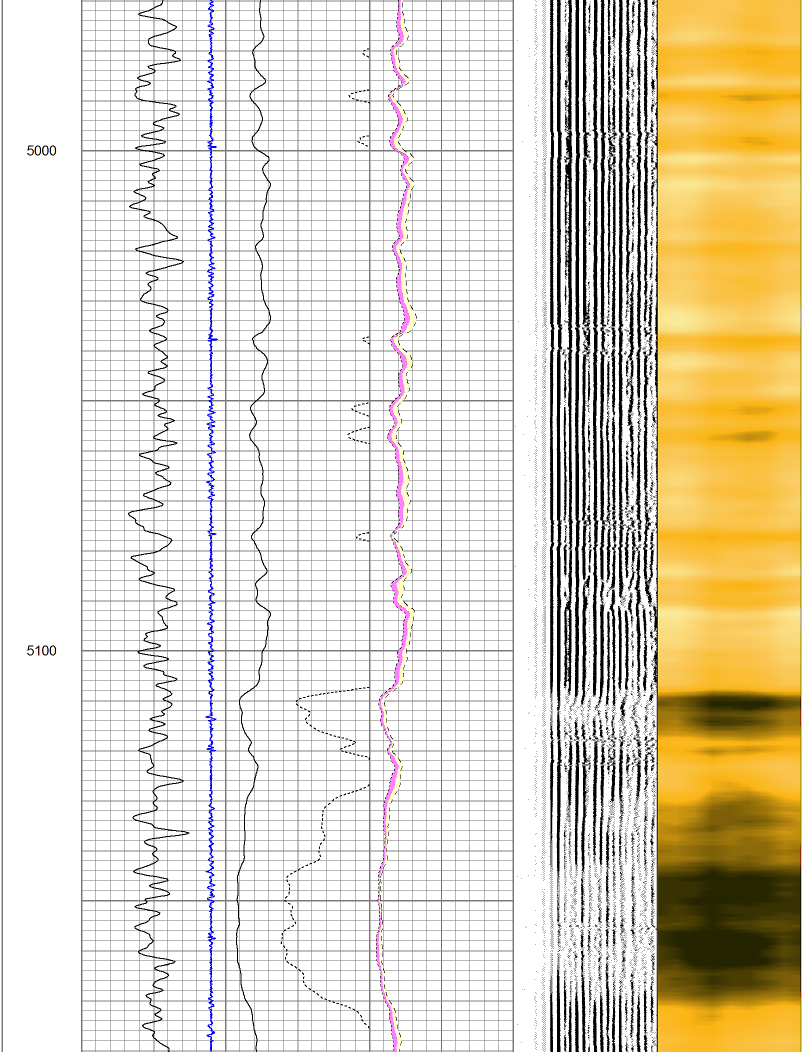

4000
4100

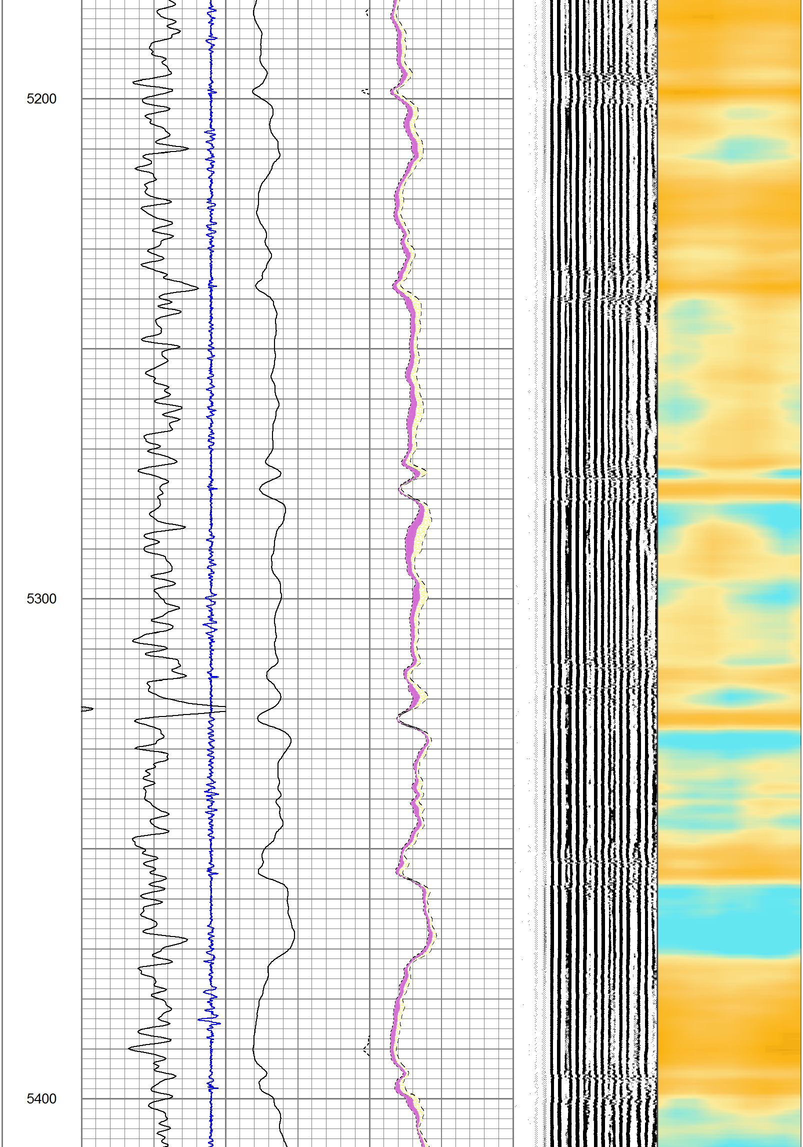

4200
4300

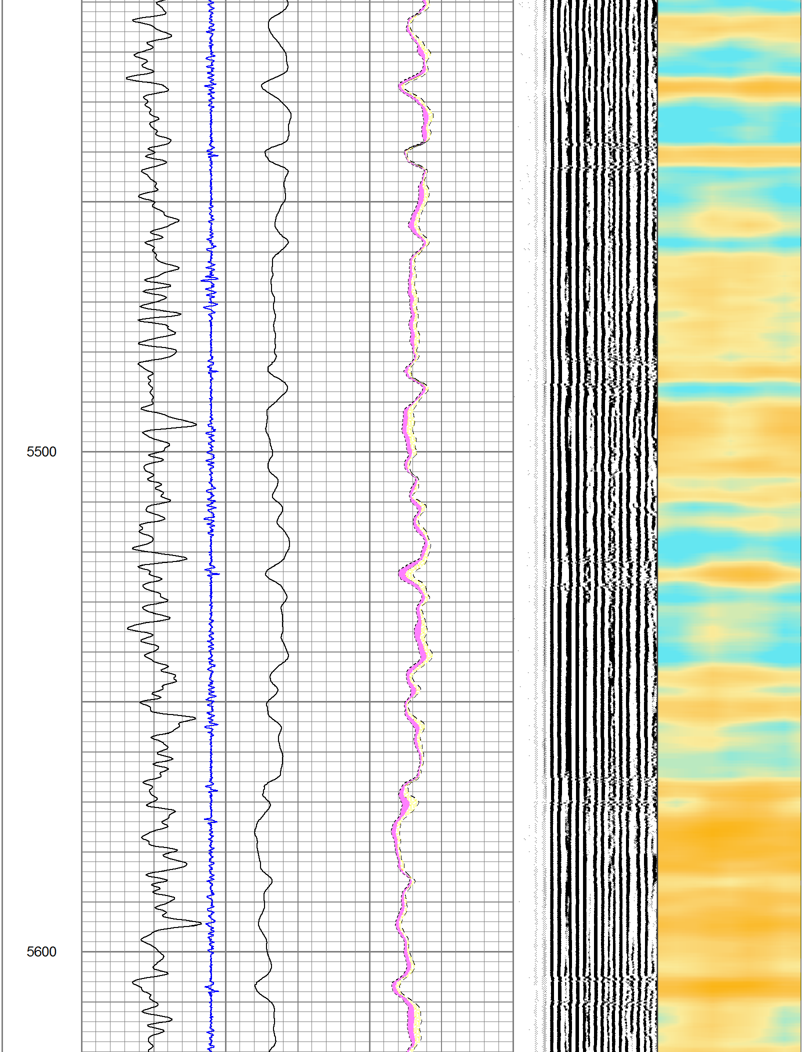

4400
4500

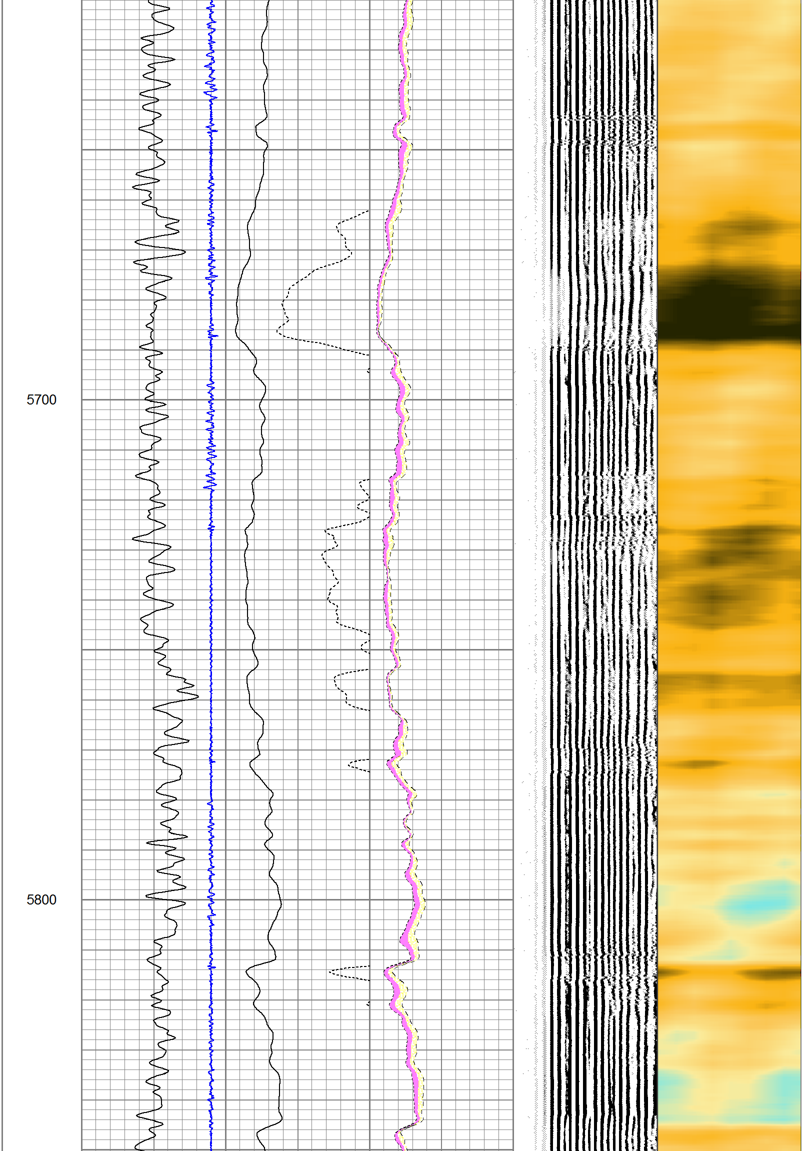

4600
4700

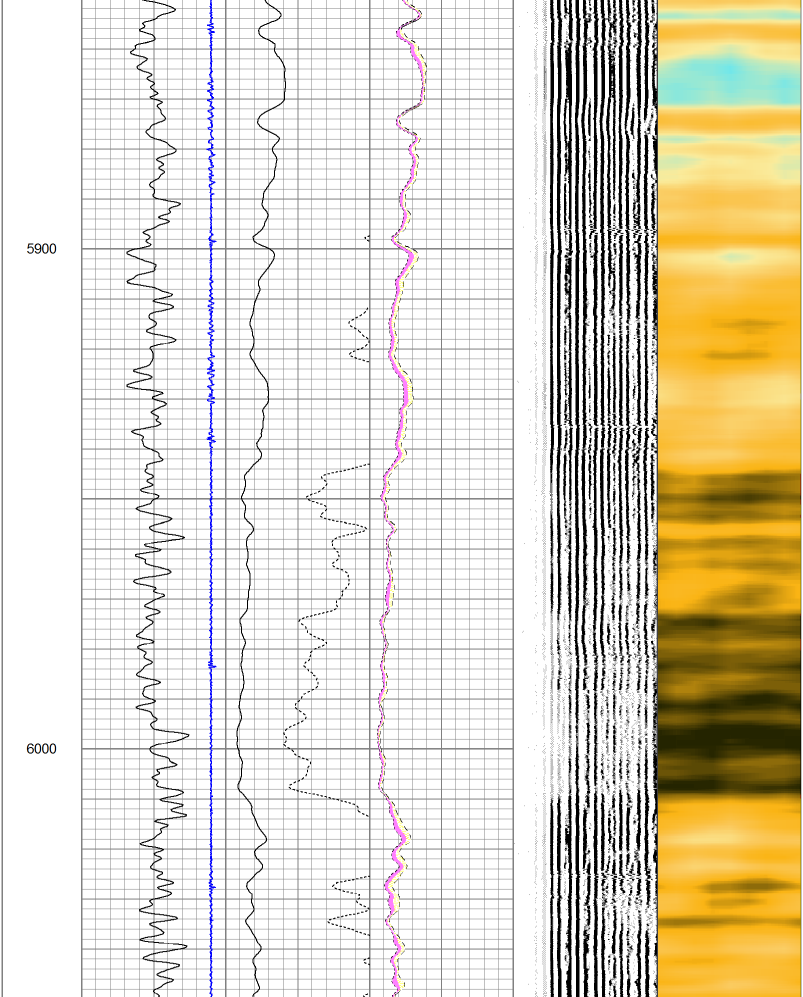

4800
4900

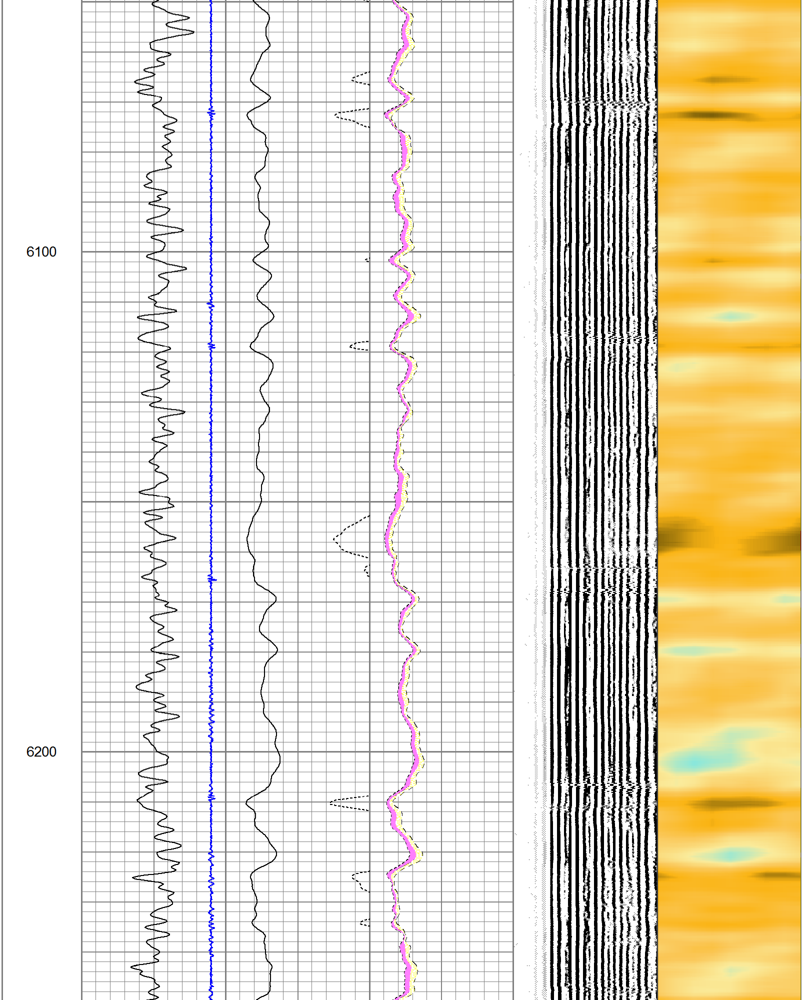

5000
5100

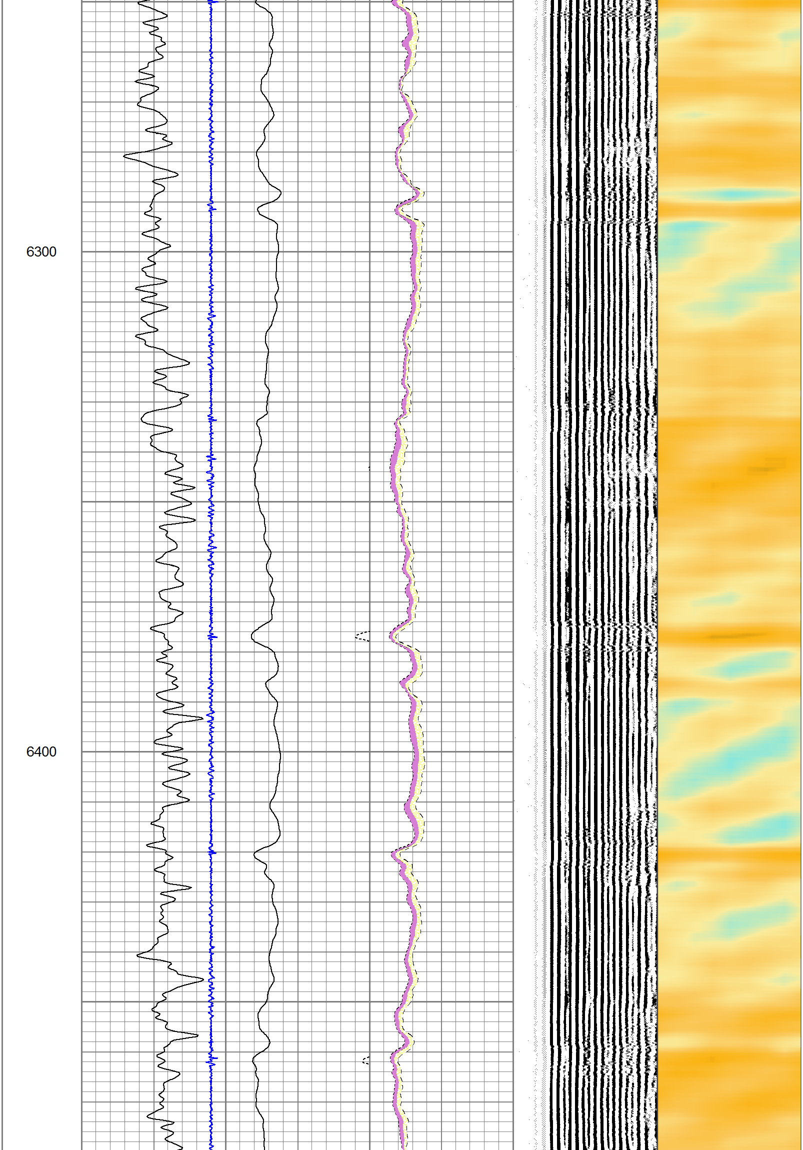

5200
5300
5400

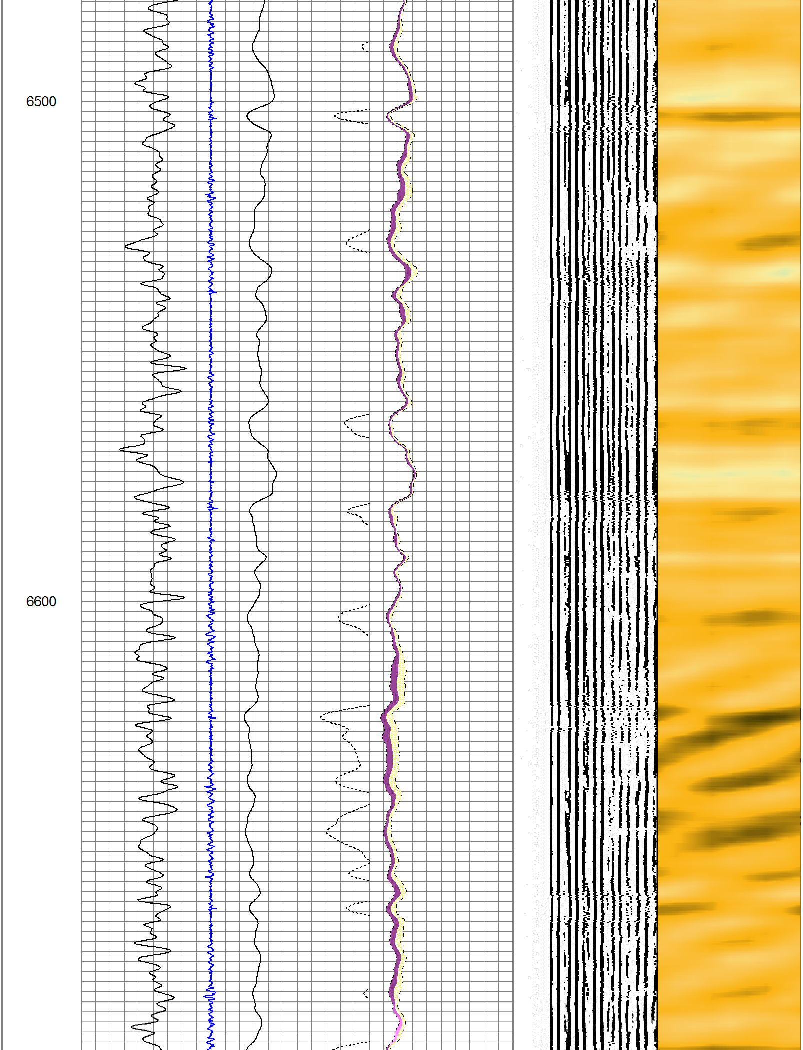

5500
5600

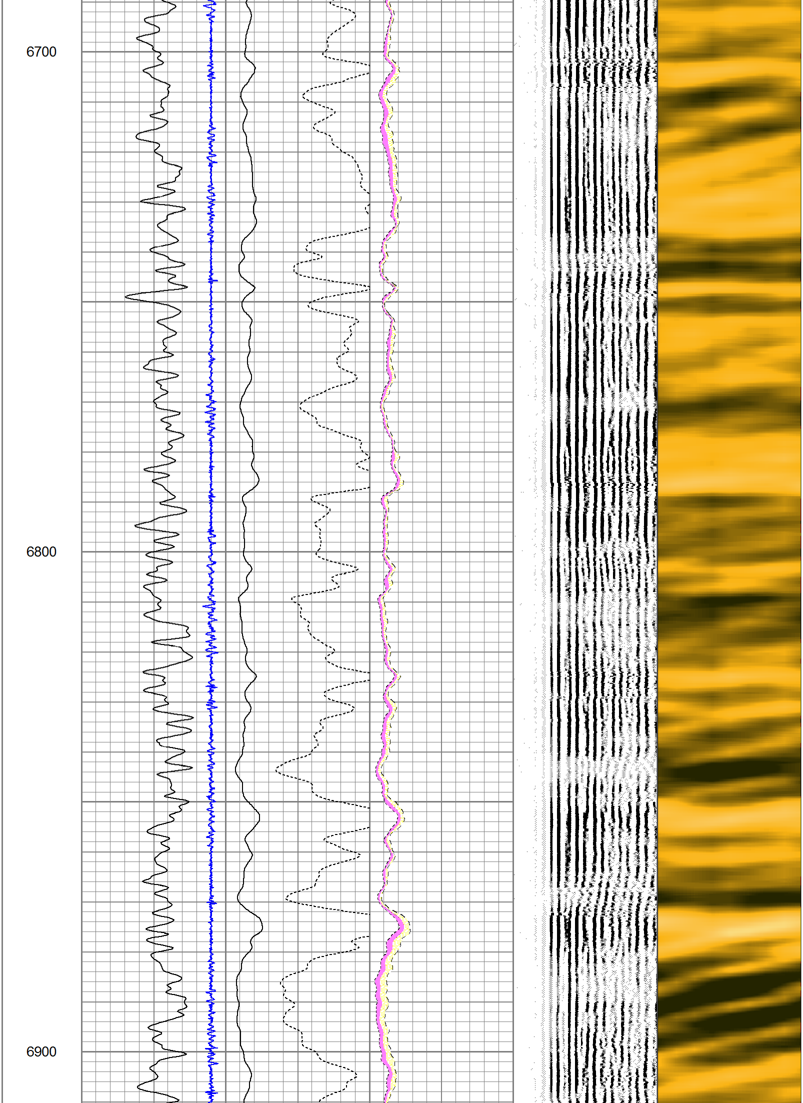

5700
5800

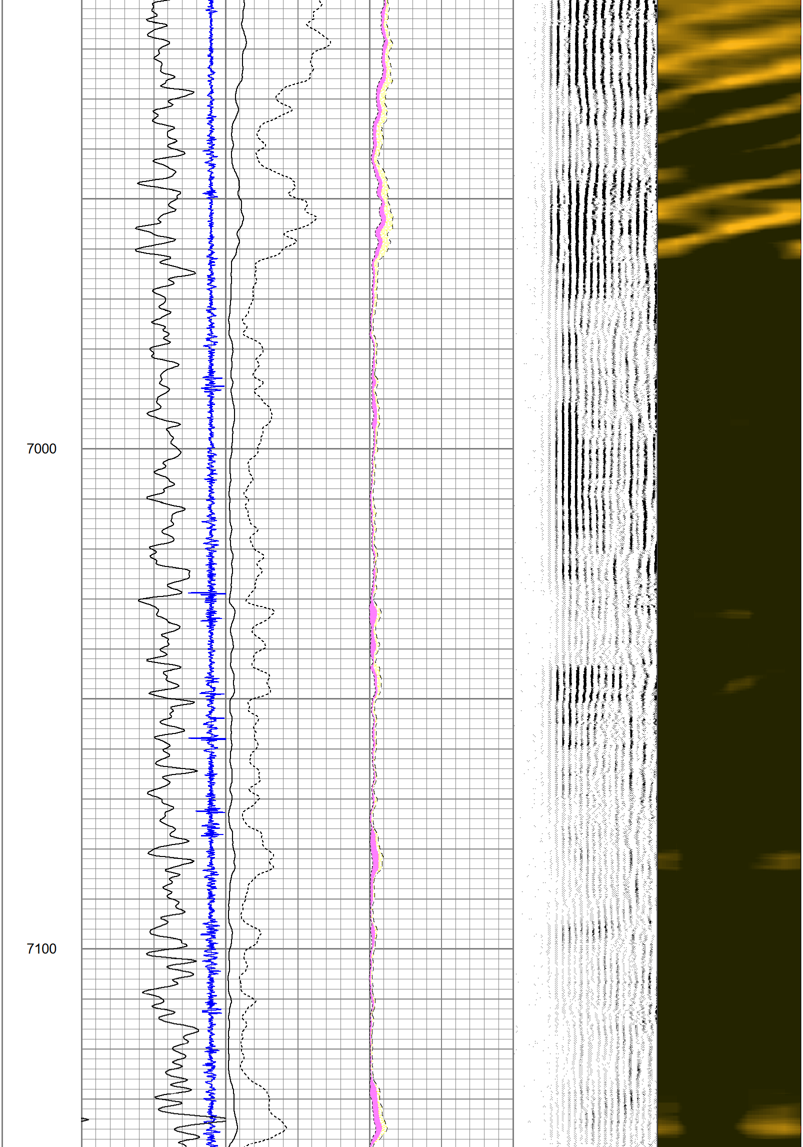

5900
6000

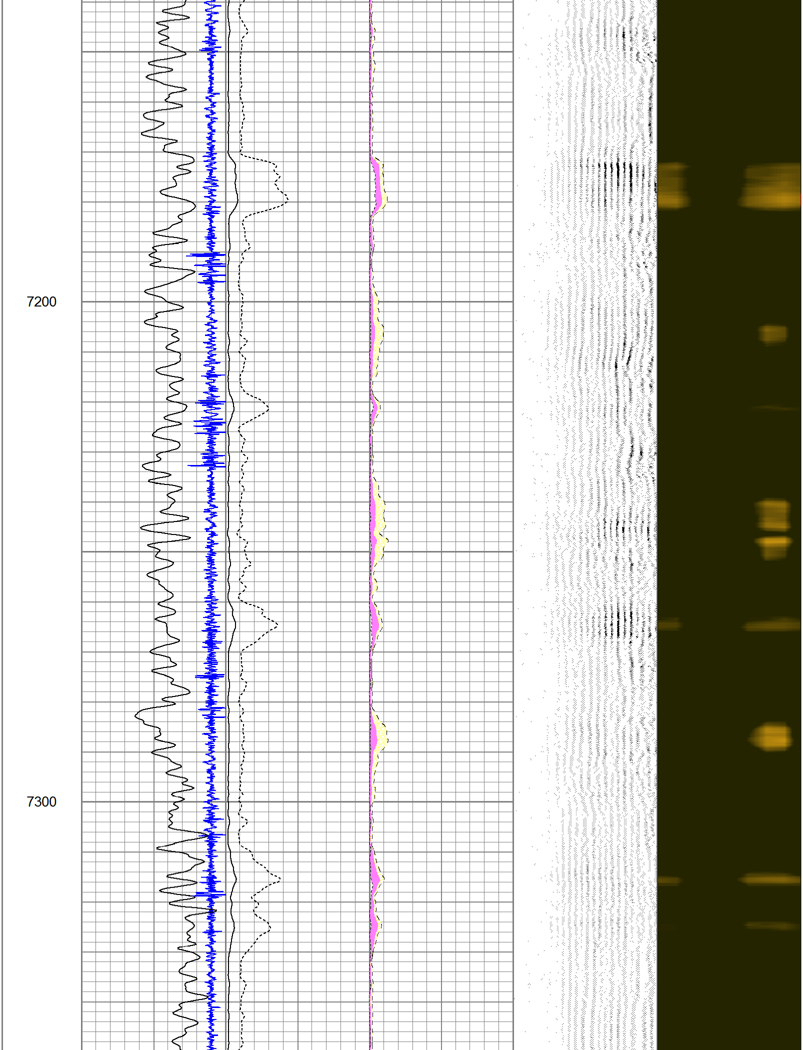

6100
6200

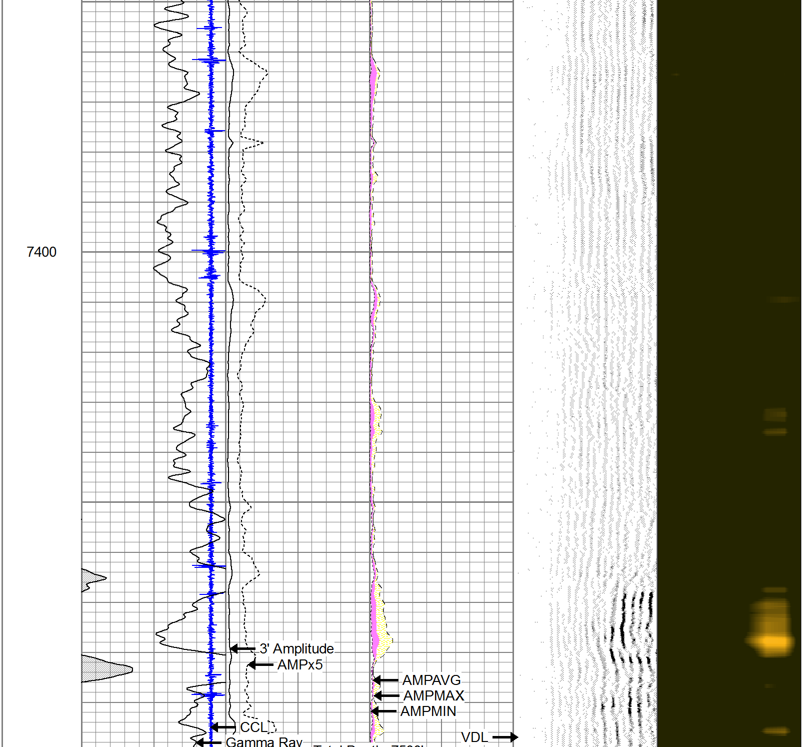

6300
6400

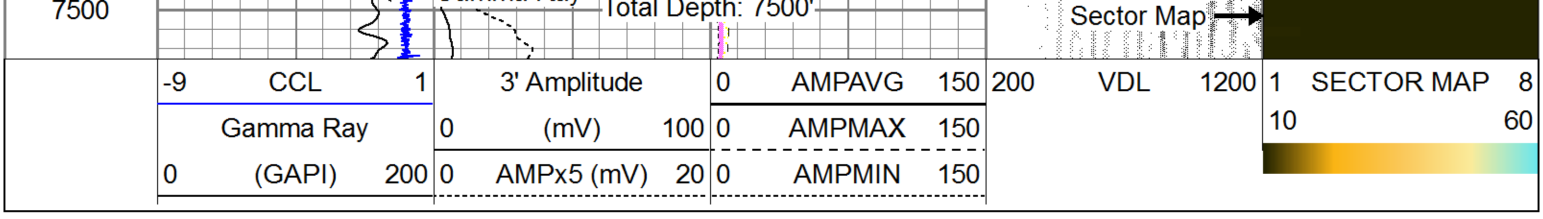

6500
6600


6700
6800
6900


7000
7100


7200
7300


7400
3' Amplitude
AMPx5
AMPAVG
AMPMAX
AMPMIN
CCL
Gamma Ray
VDL



Calibration Report

Database File: jillson east rinn 3f-22h_rbl.db
Dataset Pathname: pass2
Dataset Creation: Mon Jul 28 14:36:31 2014 by Log 7.0 B1

Gamma Ray Calibration Report

Serial Number:	111211	
Tool Model:	Probe	
Performed:	Sun Jun 01 16:54:18 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	111206	
Tool Model:	RBTC3	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	0.000	ft

Master Calibration, performed Wed Jun 18 08:33:12 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.007	1.097	0.000	71.921	65.156	0.476
CAL	0.999	1.001				
5'	-0.008	1.026	0.000	71.921	69.586	0.527
SUM						
S1	0.000	1.041	0.000	100.000	96.120	-0.031
S2	-0.006	1.086	0.000	100.000	91.532	0.558
S3	-0.006	1.137	0.000	100.000	87.477	0.563
S4	-0.006	1.166	0.000	100.000	85.259	0.550
S5	-0.006	1.144	0.000	100.000	86.908	0.550
S6	-0.006	1.100	0.000	100.000	90.423	0.577
S7	-0.007	1.051	0.000	100.000	94.542	0.636
S8	-0.007	1.031	0.000	100.000	96.367	0.683

Internal Reference Calibration, performed Wed Jun 25 09:58:36 2014:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.999	1.001	1.000	0.000

Air Zero Calibration, performed Wed Jun 25 09:20:49 2014:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

Temperature Calibration Report

Serial Number:	111206	
Tool Model:	RBTC3	
Performed:	Wed Jun 18 08:24:08 2014	
	Reference	Reading
Low Reference:	67.60 degF	71.92 cps
High Reference:	275.00 degF	311.96 cps
Gain:	0.86	
Offset:	5.46	
Delta Spacing	1	

PIONEER
Pioneer Energy Services

Company	ENCANA OIL & GAS (USA) INC
Well	JILLSON-EAST RINN 3F-22H-M268
Field	WATTENBERG
County	WELD
State	CO