Company	Occidental Petroleum Corp.
Well	Labrisa 35-7HZ
Field	Wattenberg
County	Weld
State	Colorado
Country	USA

THE WIRELINE GROUP

Radial Cement Bond Log

Company Occidental Petroleum Corp.
Well Labrisa 35-7HZ
Field Wattenberg
County Weld
State Colorado
Country USA

Location: API #: 0512352242
SHL: 1386' FSL & 2034' FWL NESW
Lat/Long: 40.091303 / -104.633125
SEC 35 TWP 2N RGE 65W

Other Services
Gauge ring

Permanent Datum GL Elevation 4970'
Log Measured From KB 26' above GL
Drilling Measured From KB

Elevation
K.B. 4996'
D.F. N/A
G.L. 4970'

Date	20 April 2024
Run Number	One
Depth Driller	18026'
Depth Logger	6900'
Bottom Logged Interval	6898'
Top Log Interval	Surface
Open Hole Size	7.875"
Type Fluid	Fresh water
Density / Viscosity	8.3#
Max. Recorded Temp.	227° F
Estimated Cement Top	See log
Time Well Ready	On arrival
Time Logger on Bottom	09:00
Equipment Number	8048
Location	Windsor, CO
Recorded By	Schuman
Witnessed By	Mr Eric Johnson

Borehole Record			Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.625"	36ppf L80 8rd	Surface	2178'
Prot. String				
Production String	5.5"	17ppf P110 ICY LTC	Surface	18014'
Liner				

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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

Correlated to casing tally marker joint at 6585'
Log ran under 2800 PSI surface-induced pressure.
Thank you for choosing The Wireline Group!!!

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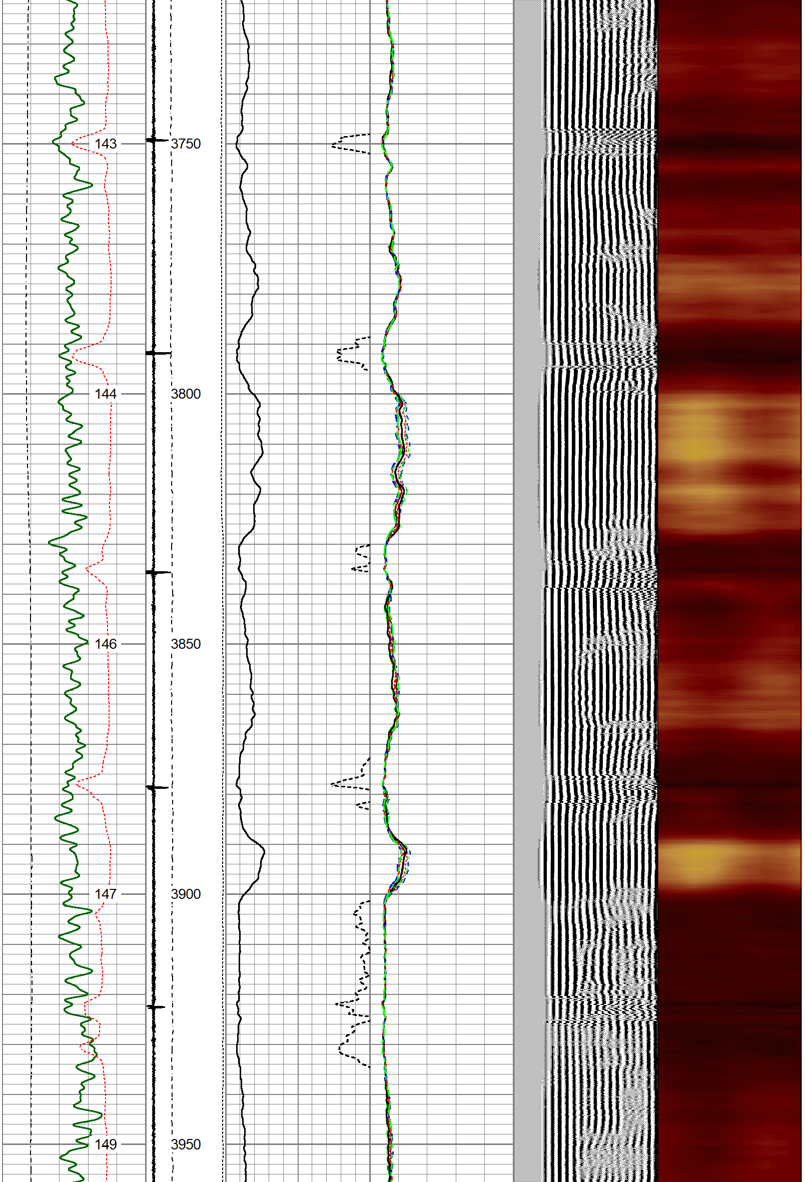
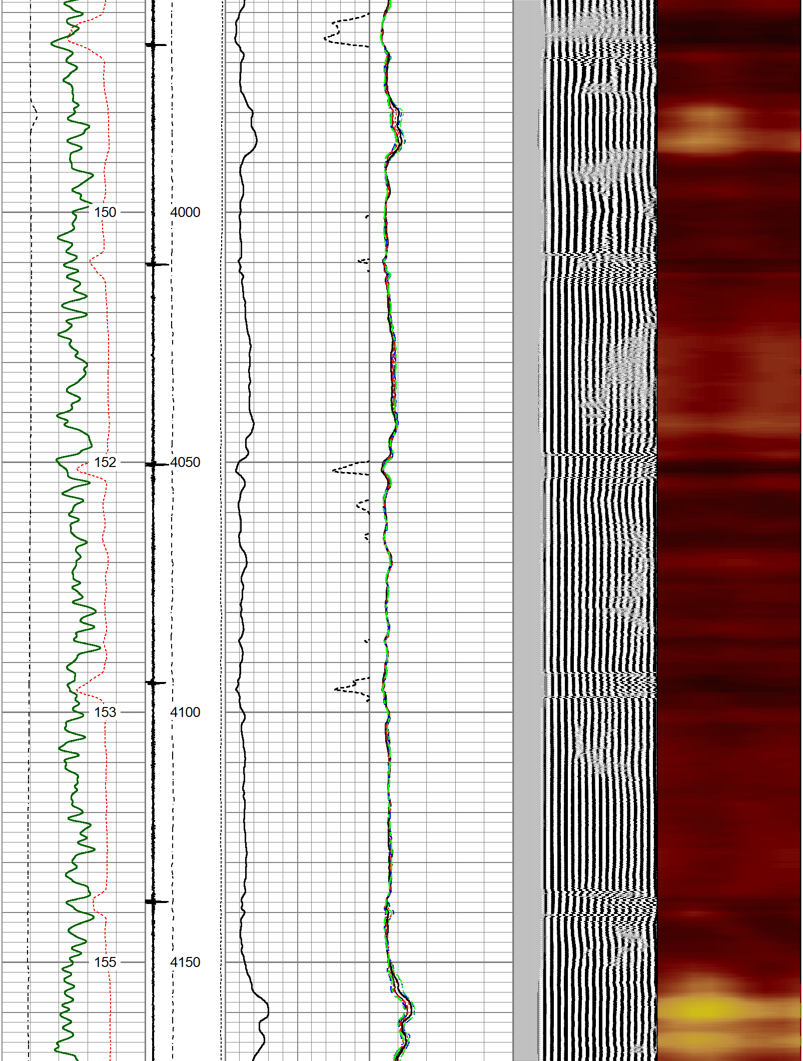
Main Pass

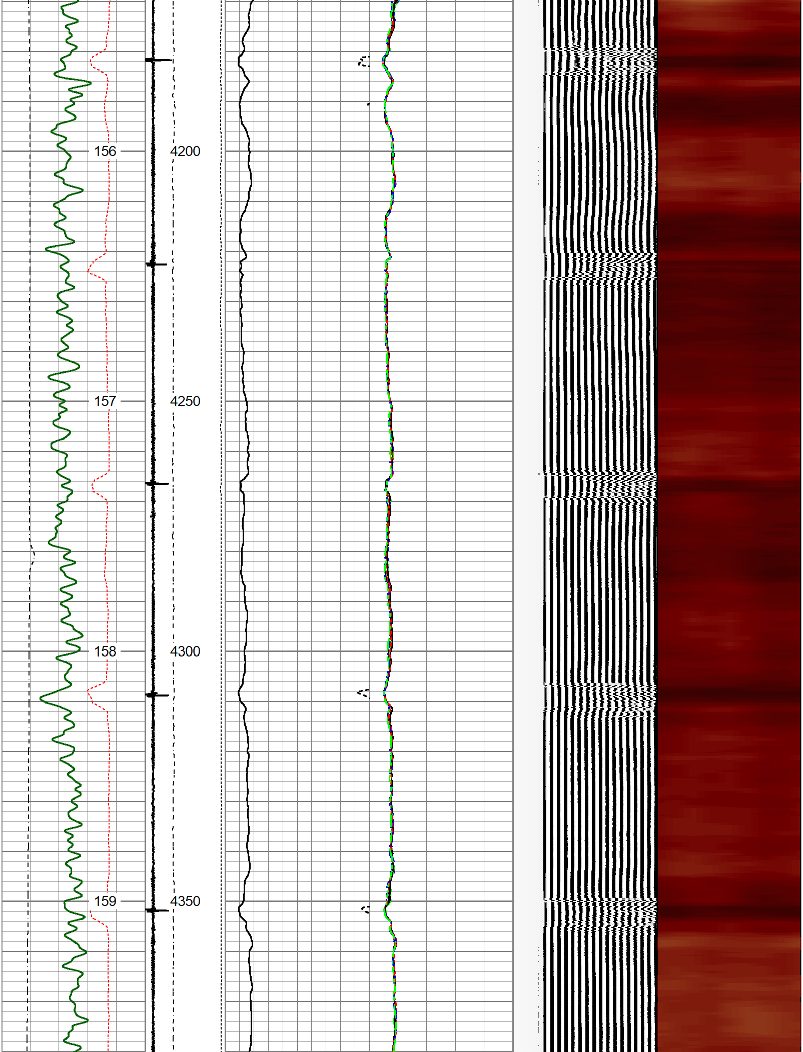
Log ran under 2800 PSI surface-induced pressure
5"=100'

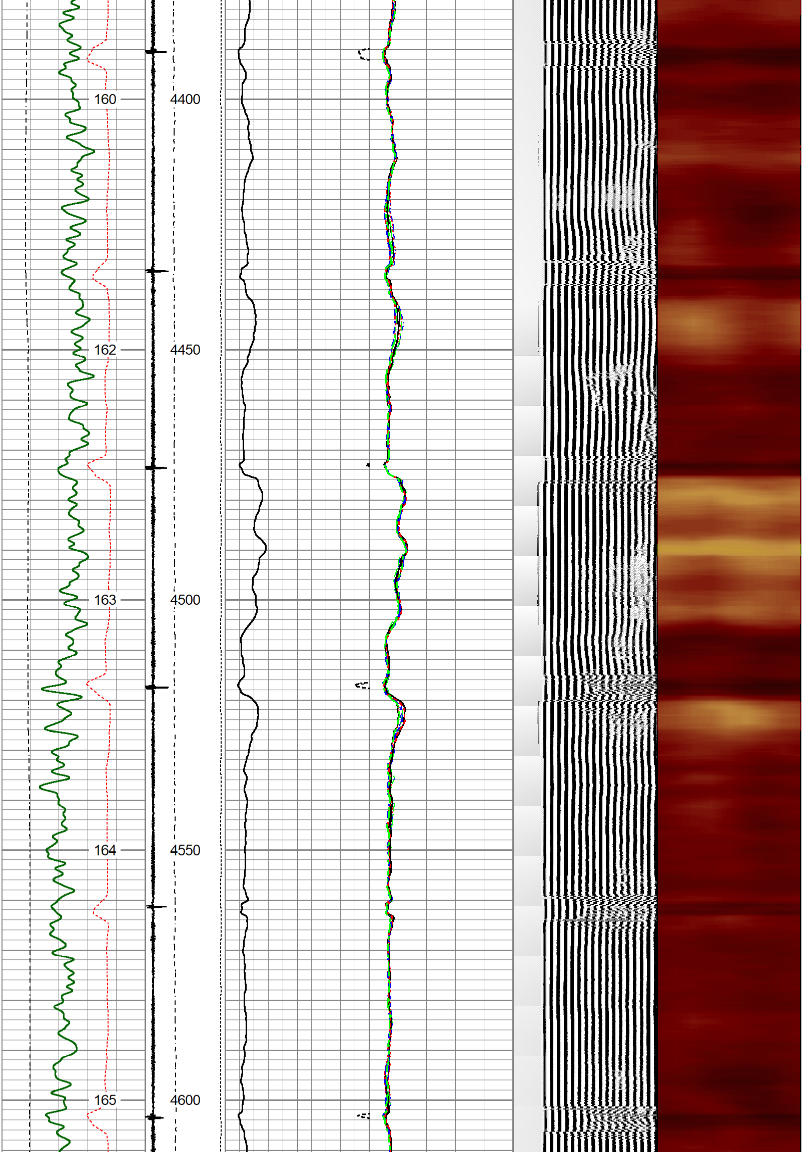
Database File	0512352242_labrisa 35-7hz_oxy.db
Dataset Pathname	cbl/pass3
Presentation Format	rbt-gct8acc
Dataset Creation	Sat Apr 20 09:06:13 2024
Charted by	Depth in Feet scaled 1:240

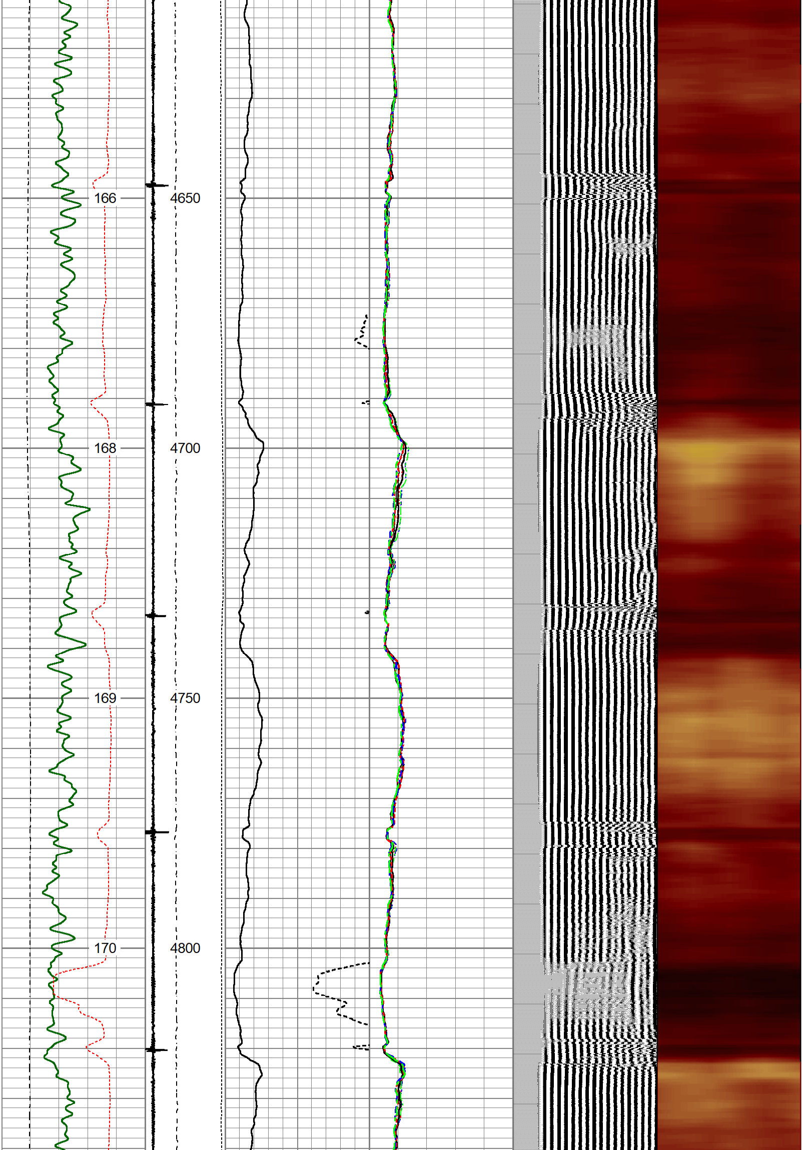
Gamma Ray: 0 (GAPI) 200
TT3FT: 330 (usec) 230
0 Inclination (deg) 90
TEMP (degF)
LTEN: 0 (lb) 2500
-1 CCL 9
LSPD (ft/min): 0 100
0 AMP (mV) 100
0 AMPx10 (mV) 10
-5 AMPS1 150
-5 AMPS2 150
-5 AMPS3 150
-5 AMPS4 150
-5 AMPS5 150
-5 AMPS6 150
-5 AMPS7 150
-5 AMPS8 150
200 VDL (usec) 1200
1 Cement Map 8

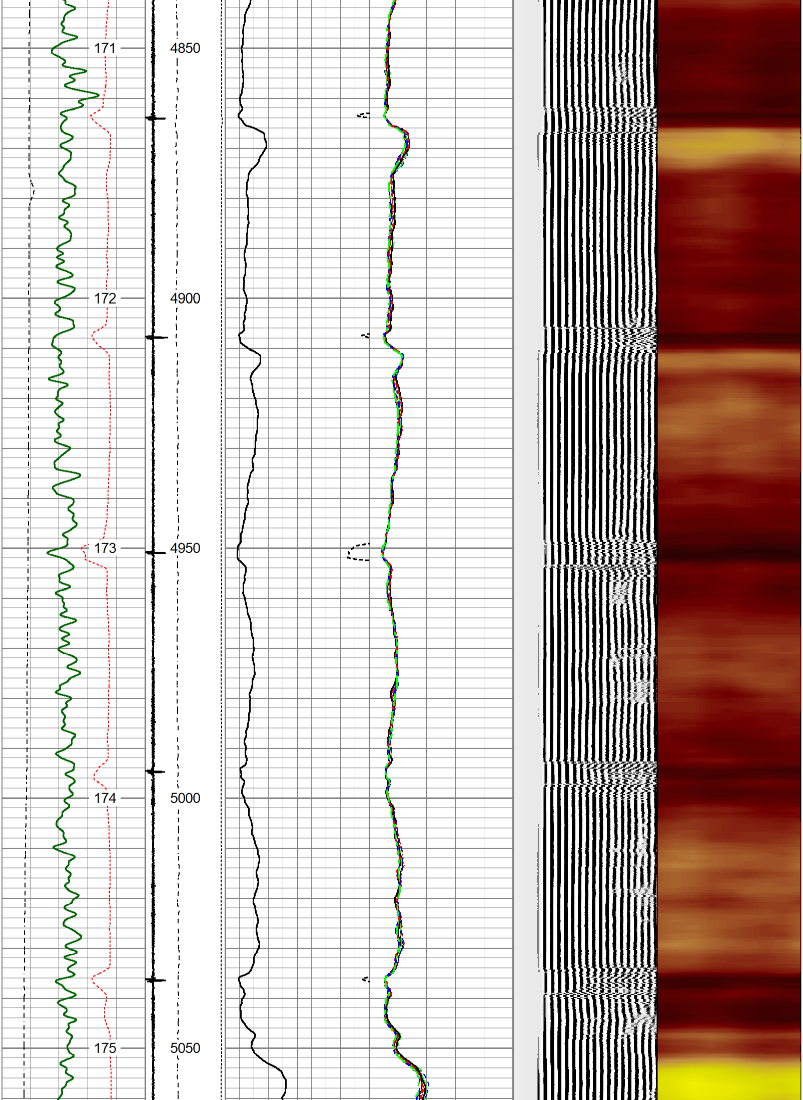


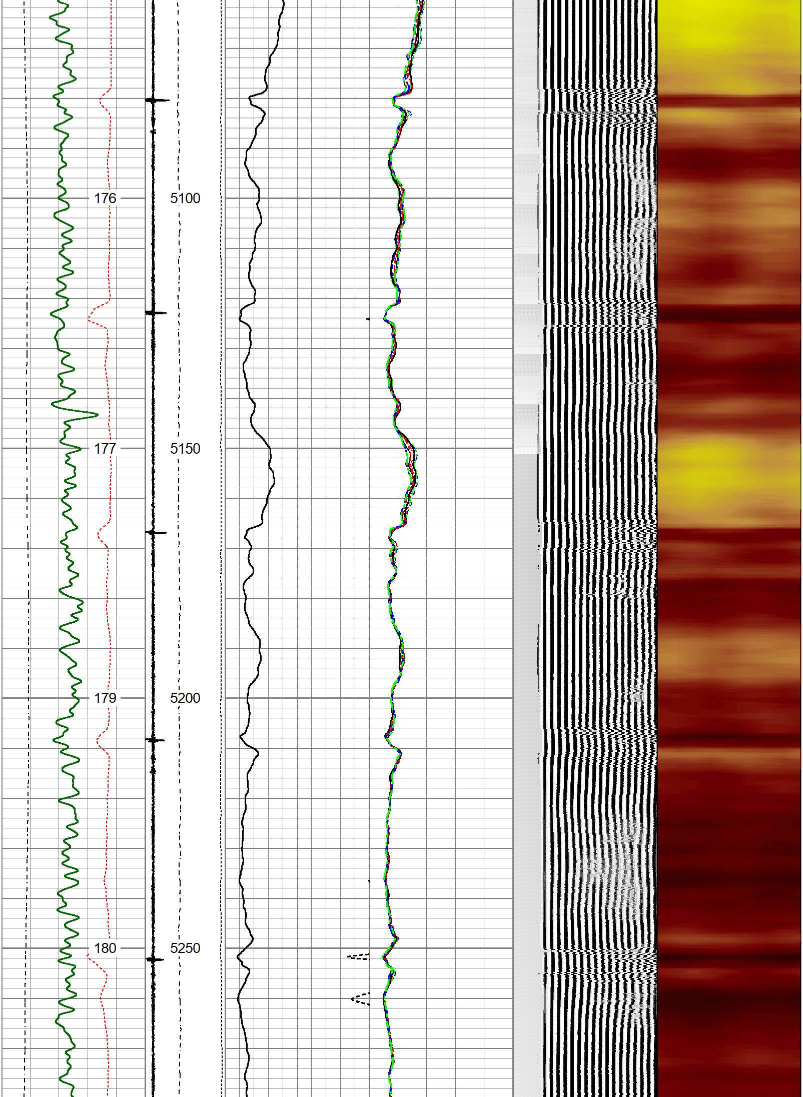


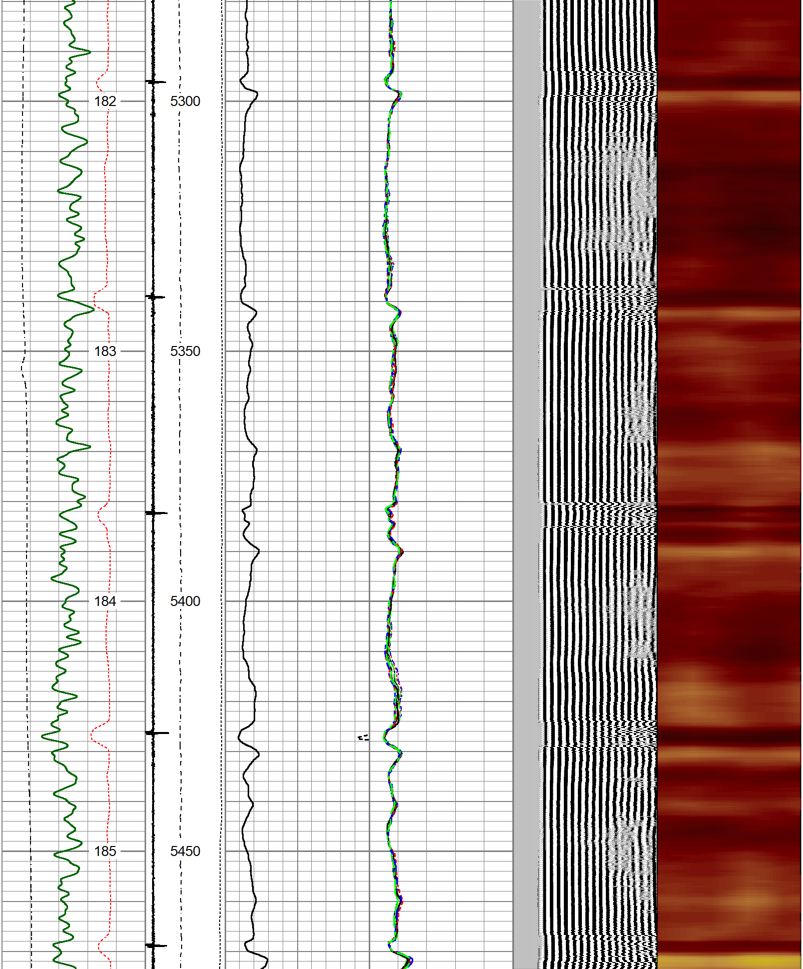


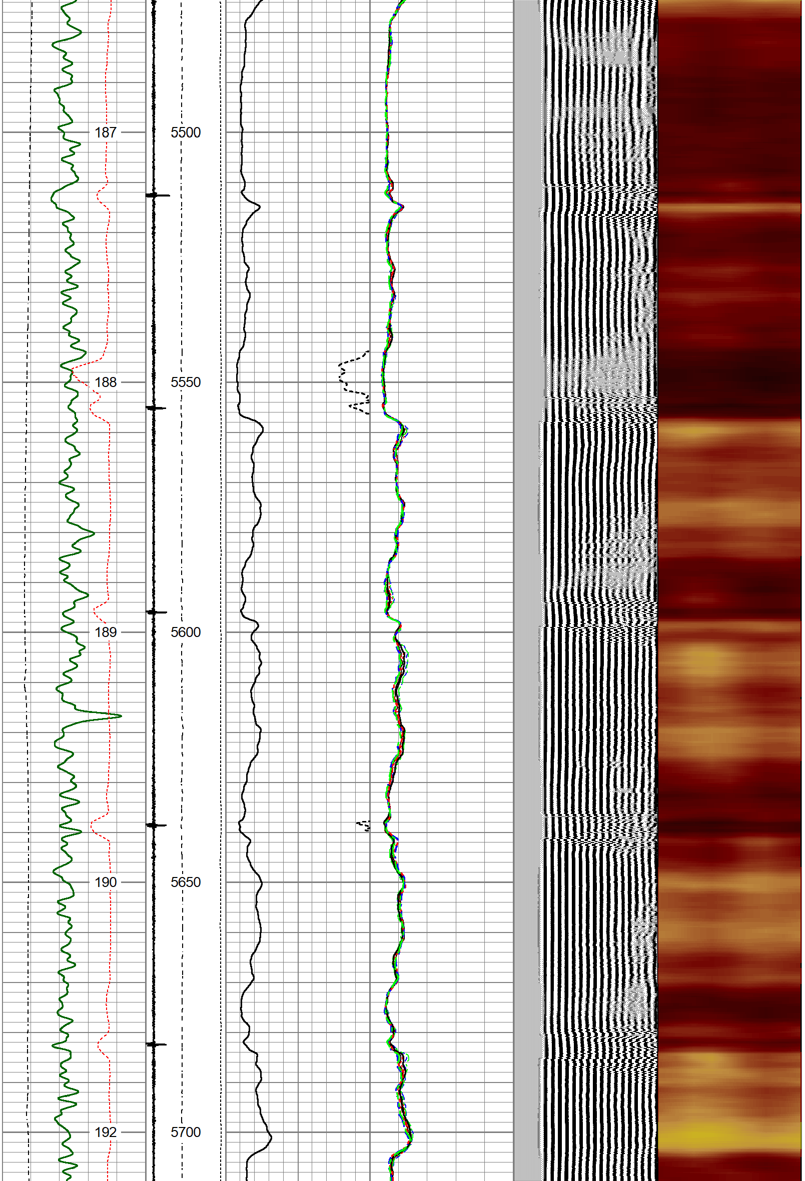


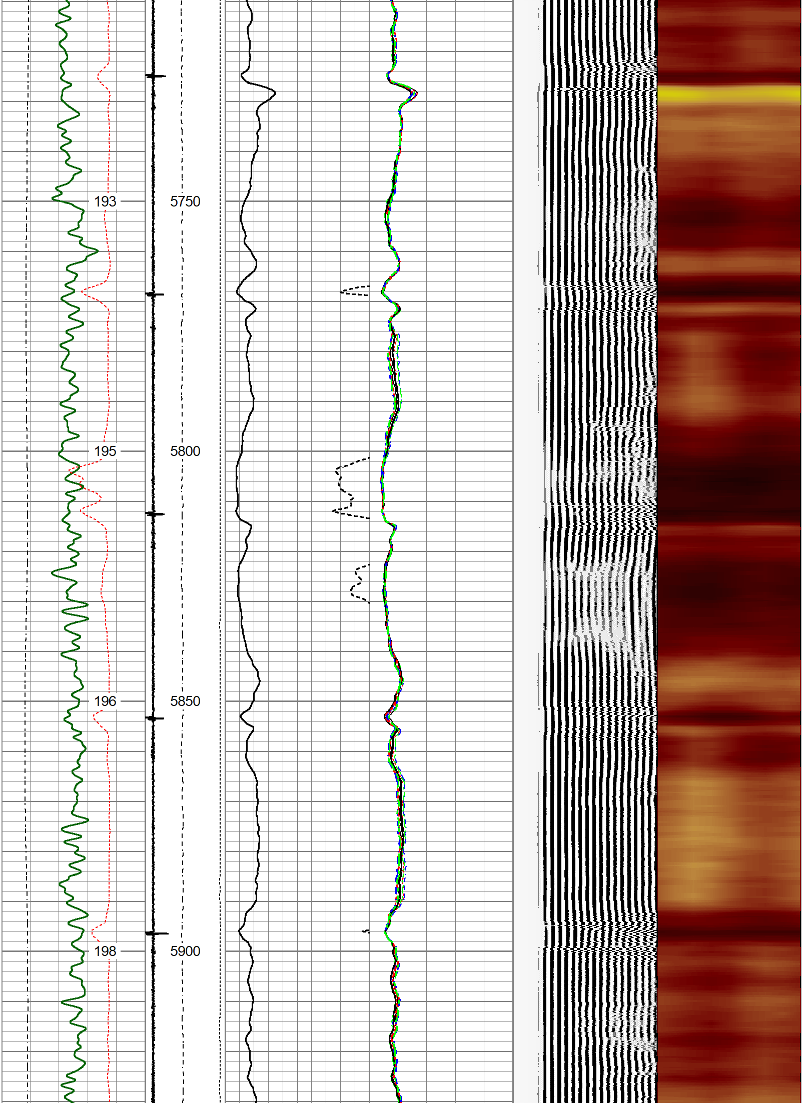


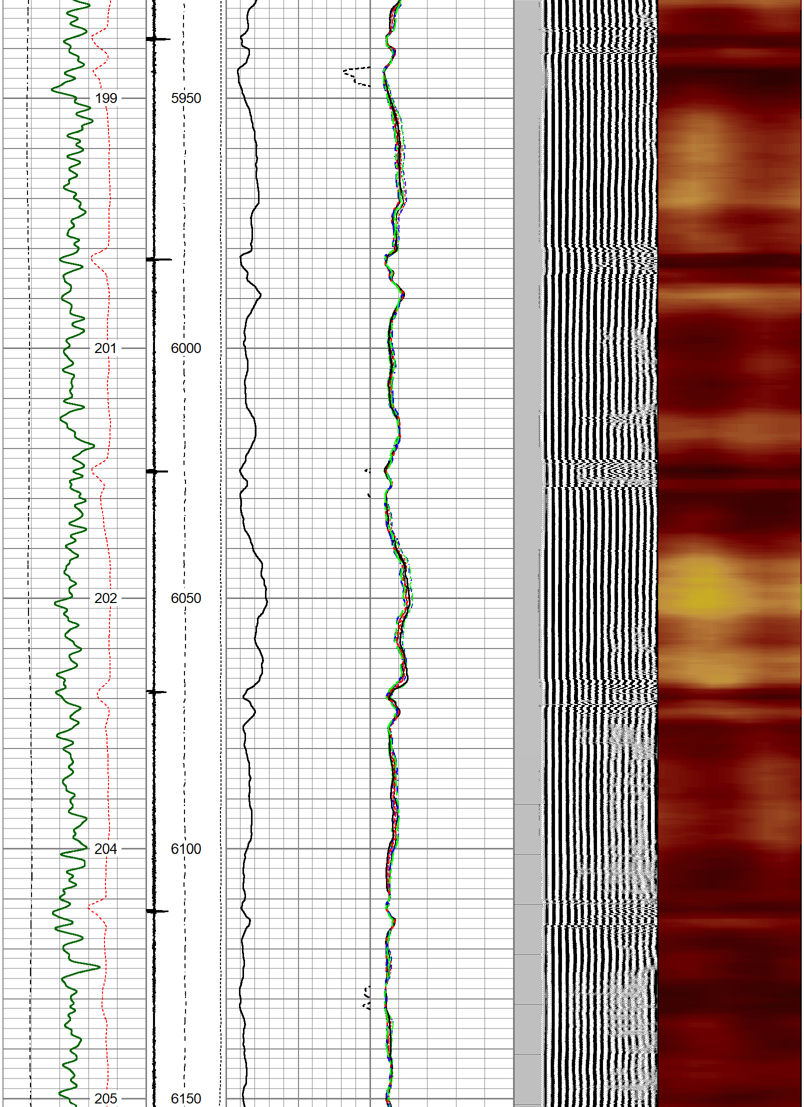


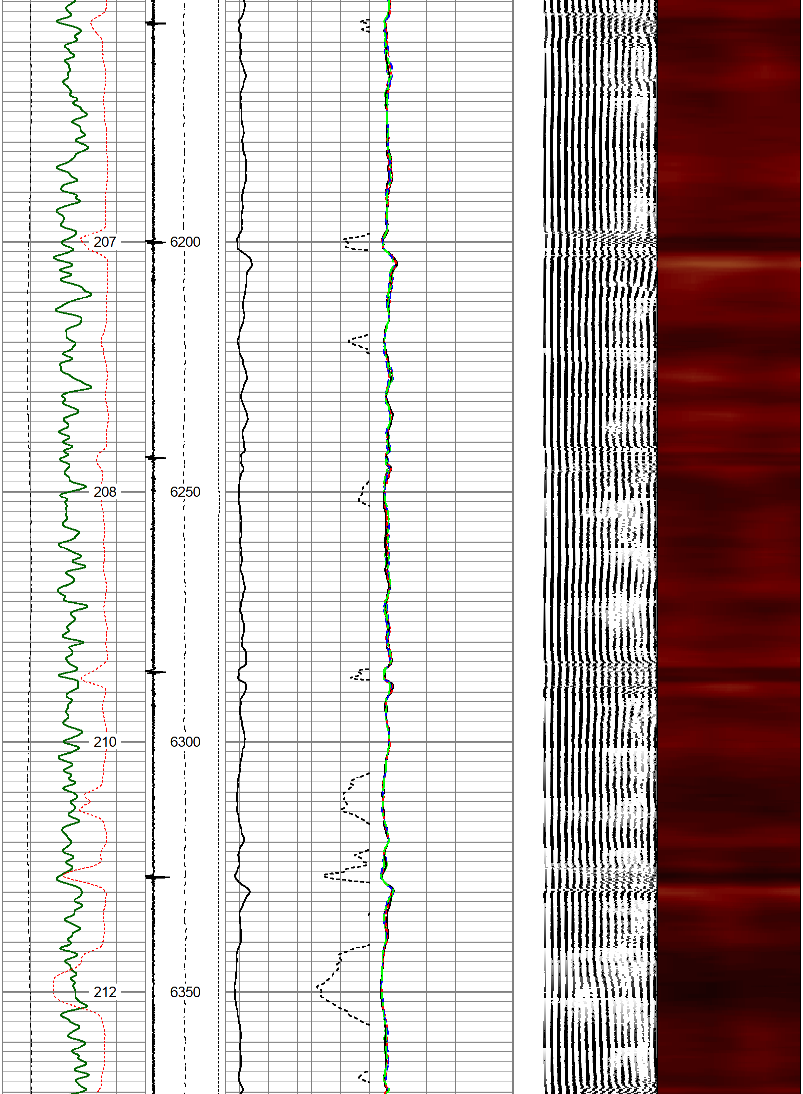


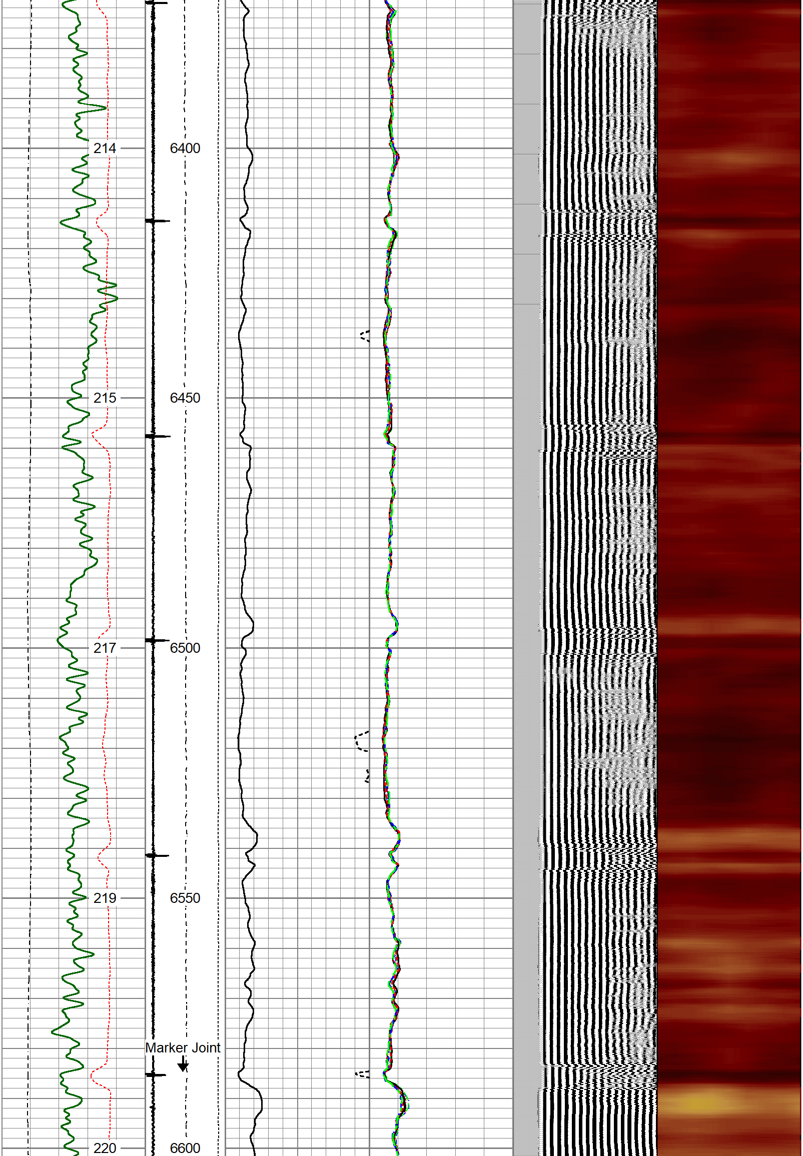


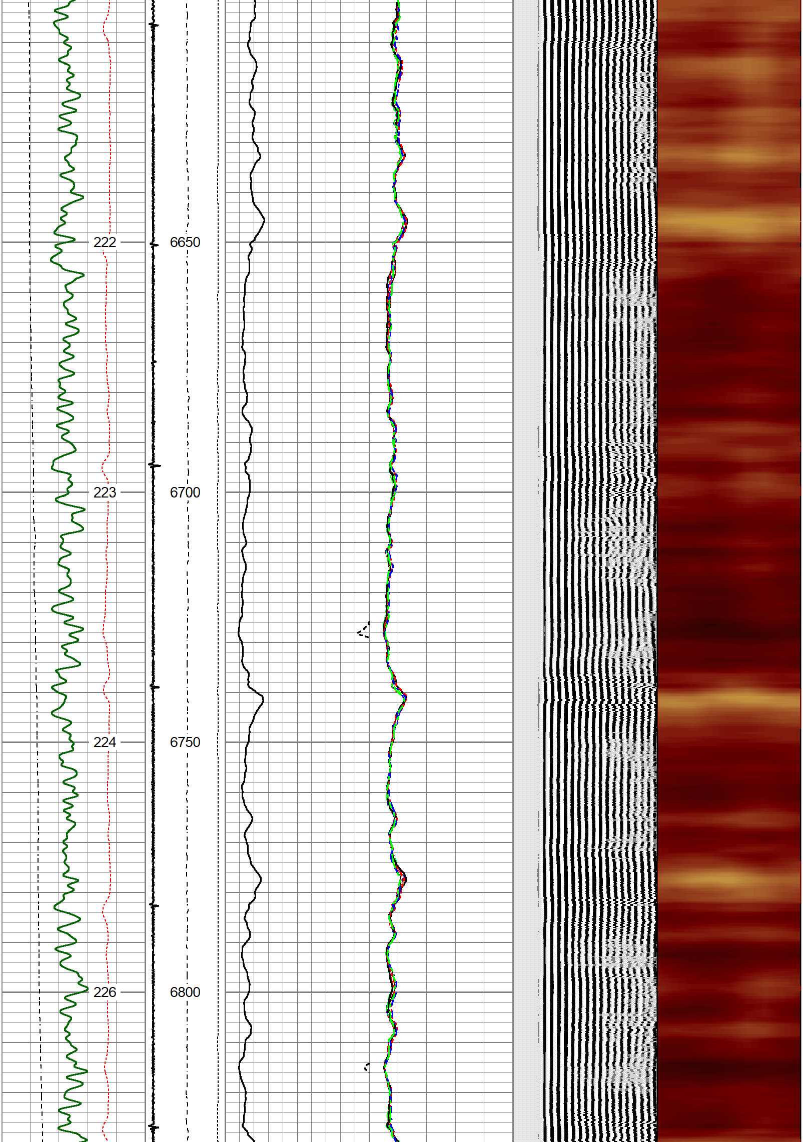


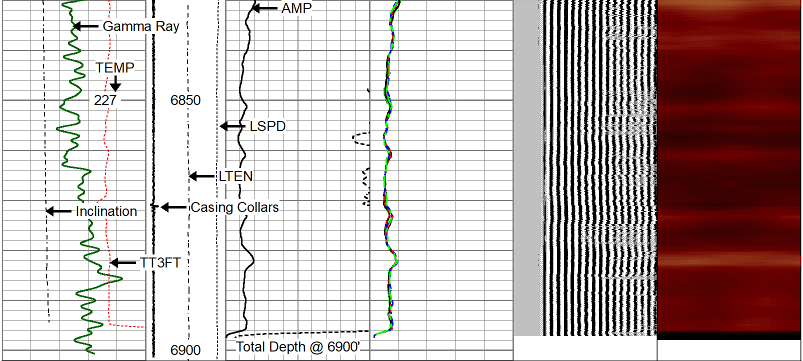












Gamma Ray 0 (GAPI) 200	LTEN 0 (lb 2500	0 AMP (mV) 100	-5 AMPS1 150	200 VDL (usec) 1200	1 Cement Map 8
TT3FT 330 (usec) 230	-1 CCL 9	0 AMPx10 (mV) 10	-5 AMPS2 150		
0 Inclination (deg) 90	LSPD (ft/min) 0 100		-5 AMPS3 150		
TEMP (degF)			-5 AMPS4 150		
			-5 AMPS5 150		
			-5 AMPS6 150		
			-5 AMPS7 150		
			-5 AMPS8 150		

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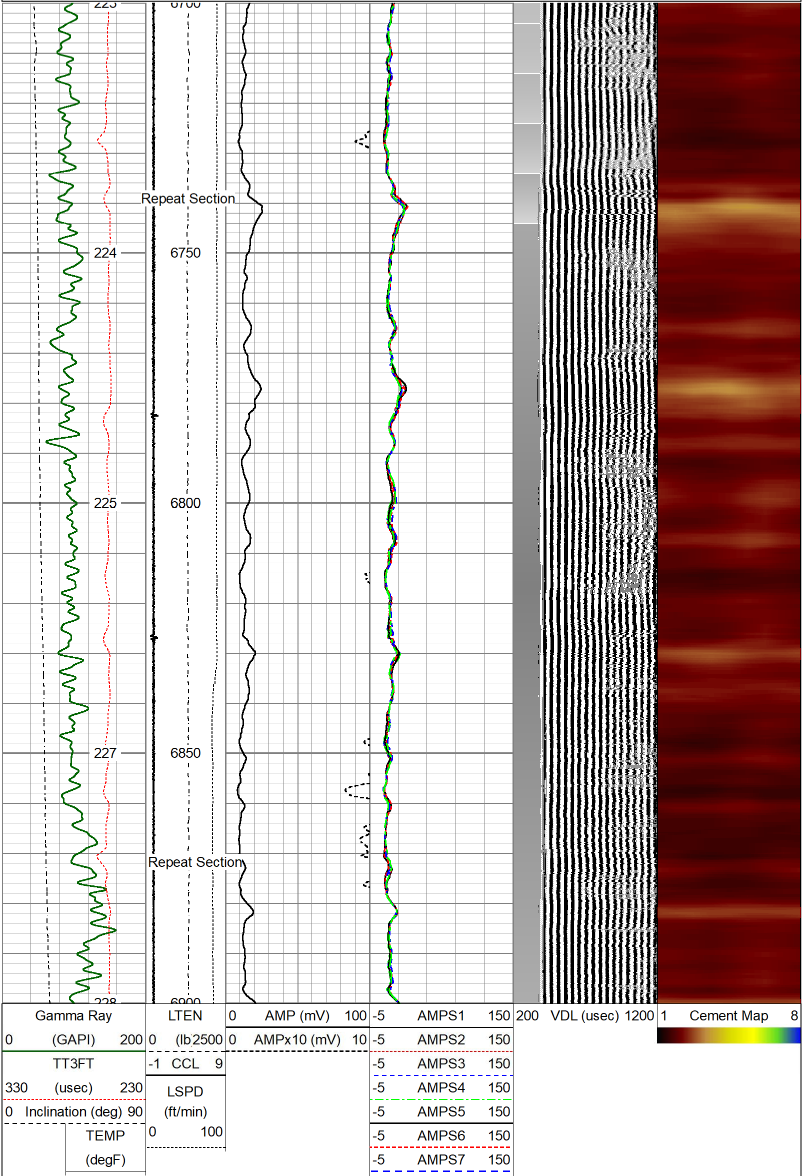
Repeat Section

Log ran under 2800 PSI surface-induced pressure
5"=100'

Database File	0512352242_labrisa 35-7hz_oxy.db
Dataset Pathname	cbl/pass2
Presentation Format	rbt-gct8acc
Dataset Creation	Sat Apr 20 09:01:56 2024
Charted by	Depth in Feet scaled 1:240

Gamma Ray 0 (GAPI) 200	LTEN 0 (lb 2500	0 AMP (mV) 100	-5 AMPS1 150	200 VDL (usec) 1200	1 Cement Map 8
TT3FT 330 (usec) 230	-1 CCL 9	0 AMPx10 (mV) 10	-5 AMPS2 150		
0 Inclination (deg) 90	LSPD (ft/min) 0 100		-5 AMPS3 150		
TEMP (degF)			-5 AMPS4 150		
			-5 AMPS5 150		
			-5 AMPS6 150		
			-5 AMPS7 150		
			-5 AMPS8 150		



-5 AMPS8 150

Calibration Report

Database File 0512352242_labrisa 35-7hz_oxy.db
Dataset Pathname cbl/pass2
Dataset Creation Sat Apr 20 09:01:56 2024

Gamma Ray Calibration Report

Serial Number: FW1311-93
Tool Model: 50-GCT275-0000
Performed: Wed Mar 13 09:15:29 2024

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.8890 GAPI/cps

Inclinometer Calibration Report

Performed: Tue Apr 9 07:57:35 2024

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	0.00	1.00	0.00	1.00	gee
Y Accelerometer	0.00	1.00	0.00	1.00	gee
Z Accelerometer	0.00	1.00	0.00	1.00	gee

Segmented Cement Bond Log Calibration Report

Serial Number: 100109_5.5
Tool Model: Probe275acc

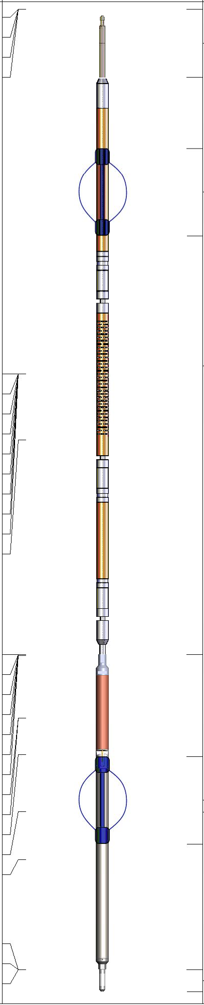
Calibration Casing Diameter: 5.500 in
Calibration Depth: 1652.827 ft

Master Calibration, performed Wed Mar 20 13:39:26 2024:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	0.853	1.179	71.921	90.395	0.894
CAL	-0.014	1.001				
5'	0.000	0.816	1.179	71.921	83.591	1.024
SUM						
S1	0.000	0.828	0.000	100.000	132.000	-0.001
S2	0.000	0.789	0.000	100.000	139.000	-0.001
S3	0.000	0.812	0.000	100.000	136.000	-0.001
S4	0.000	0.859	0.000	100.000	128.480	-0.001
S5	0.000	0.917	0.000	100.000	120.000	-0.001
S6	0.000	0.937	0.000	100.000	117.000	-0.001
S7	0.000	0.910	0.000	100.000	121.000	-0.001
S8	0.000	0.874	0.000	100.000	126.000	-0.001

Sensor	Offset (ft)
GCT_FMWR	14.89
mSec_Count	14.89
RBT_Status	14.89
Error_Ct	14.89
WVFS8	9.35
WVFS7	9.35
WVFS6	9.35
WVFS5	9.35
WVFS4	9.35
WVFS3	9.35
WVFS2	9.35
WVFS1	9.35
WVF3FT	9.35
WVF5FT	8.35
RBT_HV	5.10
RBT_ACCZ	5.10
RBT_ACCY	5.10
RBT_ACCX	5.10
WVFSYNC	5.10
WVFCAL	5.10
GCT_HV	5.09
CCL$2	4.14
CCL$1	4.14
GCT_Temp	3.59
GR	2.72
GCT_IntTemp	2.00
GCT_ACCZ	0.33
GCT_ACCY	0.33
GCT_ACCX	0.33

Schematic



Description	Length (ft)	O.D. (in)	Weight (lb
Cable Head-Titan_144 1 7/16" Titan Cable Head	1.03	1.44	2.00
SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer	1.33	3.25	10.00
RBT8acc-Probe275acc (100109_5.5) 2.75" Radial Corrosion with accelerometer	8.75	2.75	110.00
SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer	1.33	3.25	10.00
GCT_acc-50-GCT275-0000 (FW1311-93) Probe 2.75" Gamma Ray - CCL w/Temp (Single Pin)	4.77	2.75	55.00
Plug-FA108-0000 1.38" Bull Plug	0.33	1.38	1.00

Dataset:	0512352242_labrisa 35-7hz_oxy.db: field/well/cbl/pass2
Total length:	14.89 ft
Total weight:	198.00 lb
O.D.:	3.25 in

Company	Occidental Petroleum Corp.
Well	Labrisa 35-7HZ

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Field	Wattenberg		
County	Weld		
State	Colorado	Country	USA