PACIFIC SURVEYS

# SONIC VELOCITY VARIABLE DENSITY

Job No. 15100

File No.

Company U.S. GEOLOGICAL SURVEY

Well SDCC

Field CHULA VISTA

County SAN DIEGO State CA

Location:

SAN DIEGO COUNTRY CLUB
GPS: N32*37.000' W117*03.572'

Sec. Twp. Rge.

Other Services:

ELOG
GR/LL3
CALIPER

| | | | |
|---|---|---|---|
| Permanent Datum | G.L. | Elevation above perm. datum | Elevation K.B. |
| Log Measured From | G.L. | 0' | D.F. |
| Drilling Measured From | G.L. | | G.L. |

| | | | |
|---|---|---|---|
| Date | 2/22/2010 | | |
| Run Number | ONE | | |
| Depth Driller | 1720' | | |
| Depth Logger | 1725' | | |
| Bottom Logged Interval | 1725' | | |
| Top Log Interval | 0' | | |
| Casing Driller | N/A | | |
| Casing Logger | N/A | | |
| Bit Size | 8 3/4" @ 0-1040' | 8 1/2" @ 1040'-1700' | 6 " @ 1700'-1725' |
| Type Fluid in Hole | BENTONITE | | |
| Density / Viscosity | N/A | | |
| pH / Fluid Loss | N/A | | |
| Source of Sample | PIT | | |
| Rm @ Meas. Temp | 4.6 @ 77F | | |
| Rmf @ Meas. Temp | 5.1 @ 77F | | |
| Rmc @ Meas. Temp | N/A | | |
| Source of Rmf / Rmc | MEAS | | |
| Rm @ BHT | N/A | | |
| Time Circulation Stopped | 3 HOURS | | |
| Time Logger on Bottom | 8:15 PM | | |
| Max. Recorded Temperature | N/A | | |
| Equipment Number | PS-1 | | |
| Location | L.A. | | |
| Recorded By | ABREAU/NELSON | | |
| Witnessed By | A. BROWN | | |

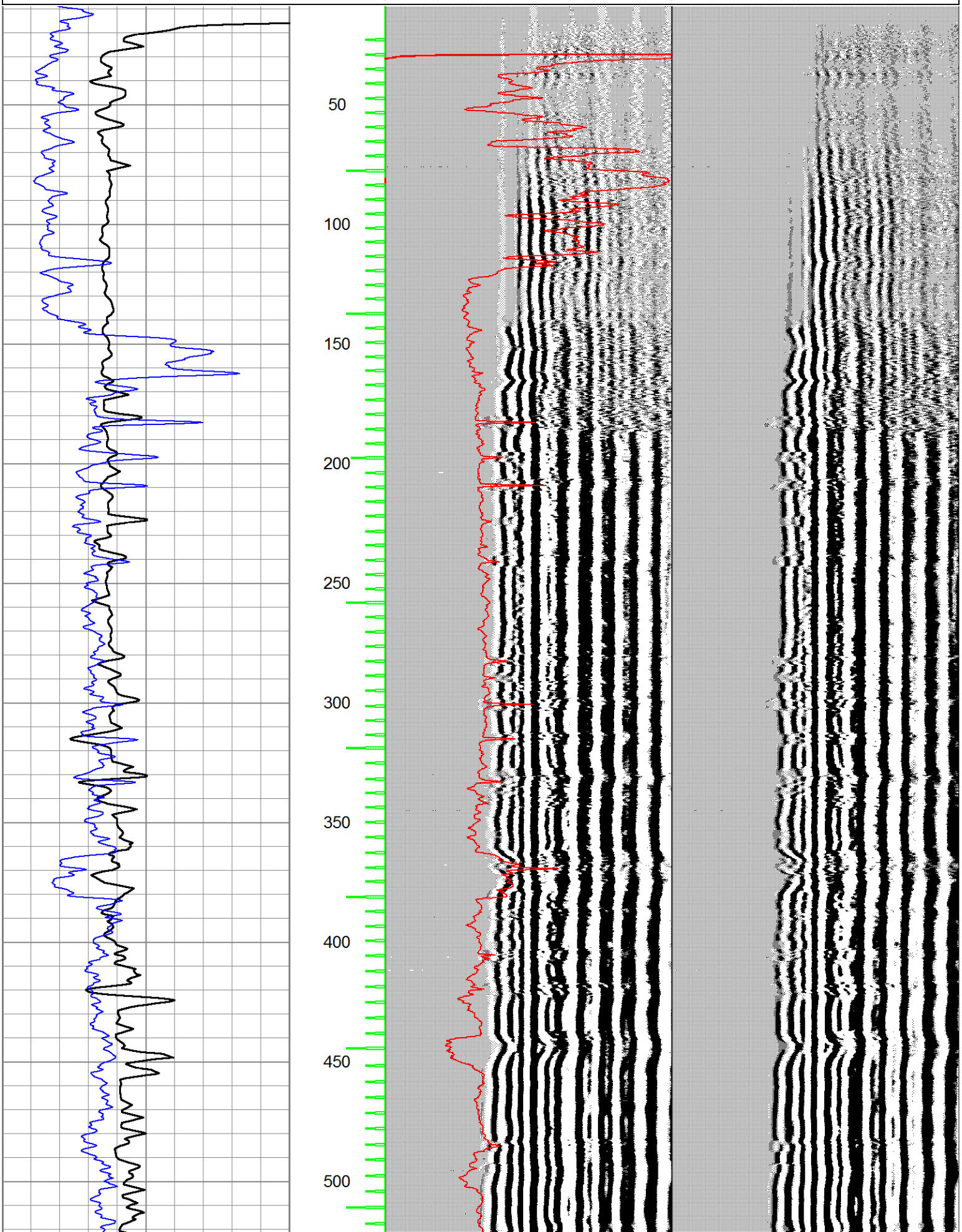
<<< Fold Here >>>

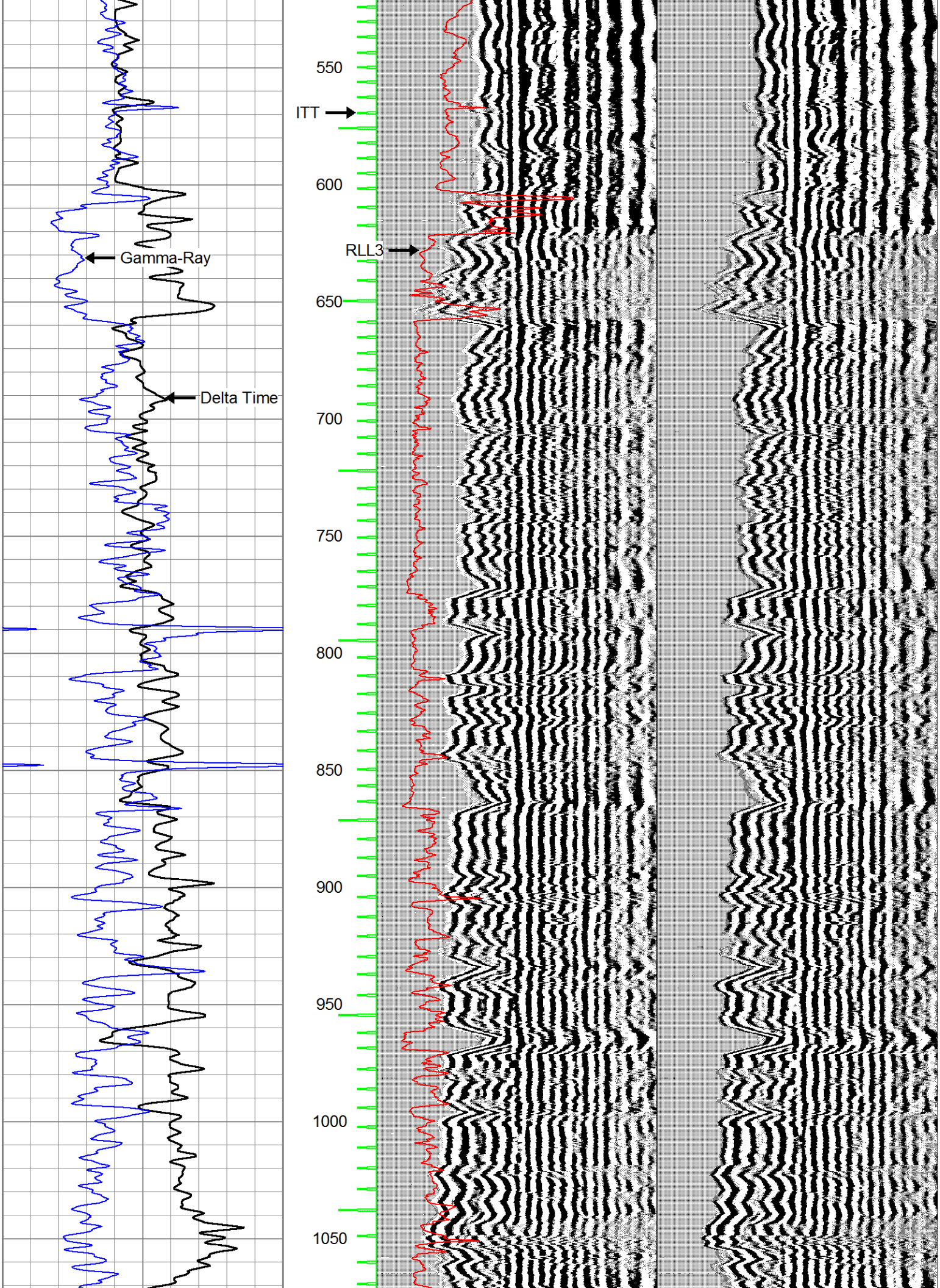
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

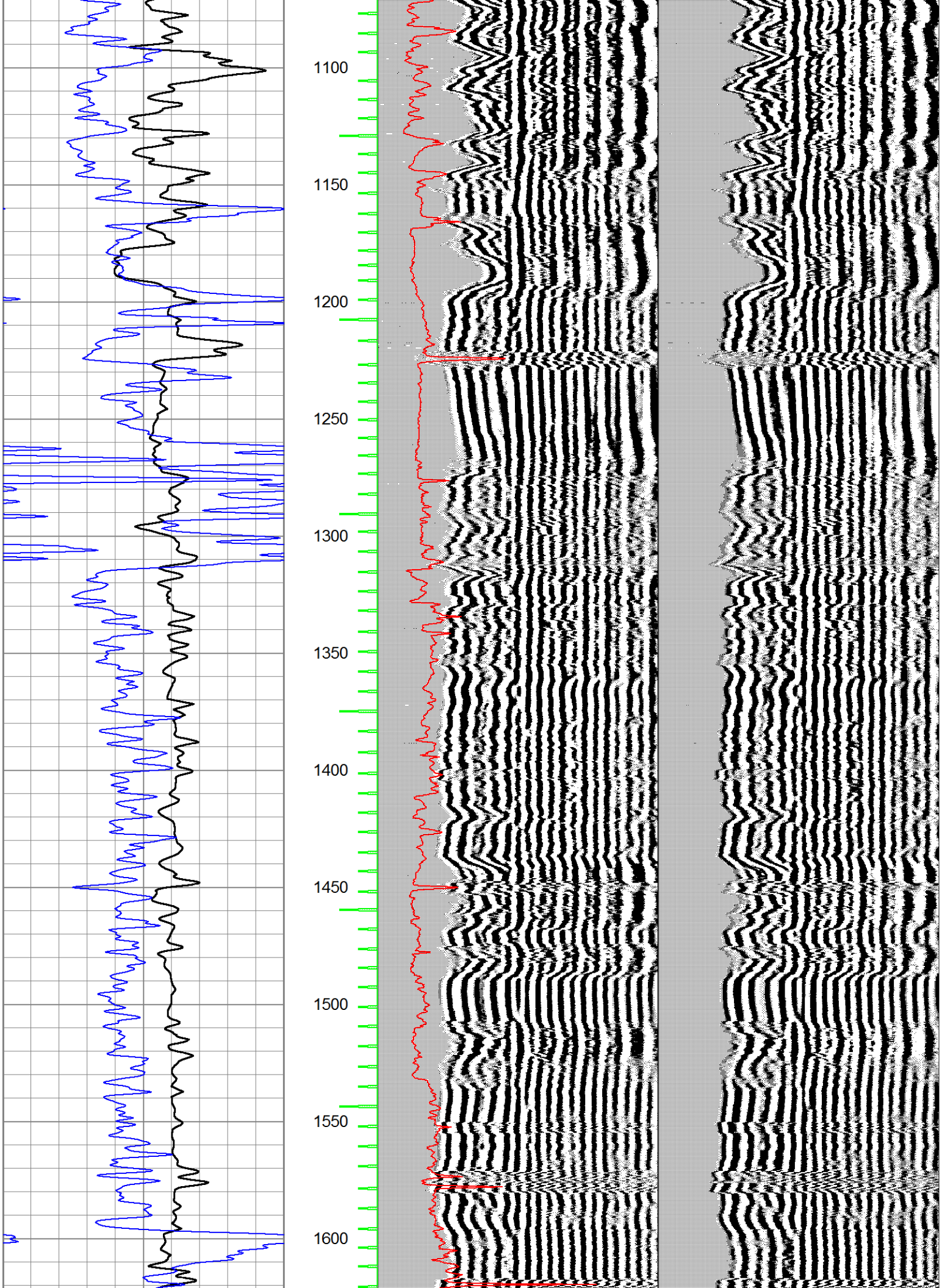
Comments

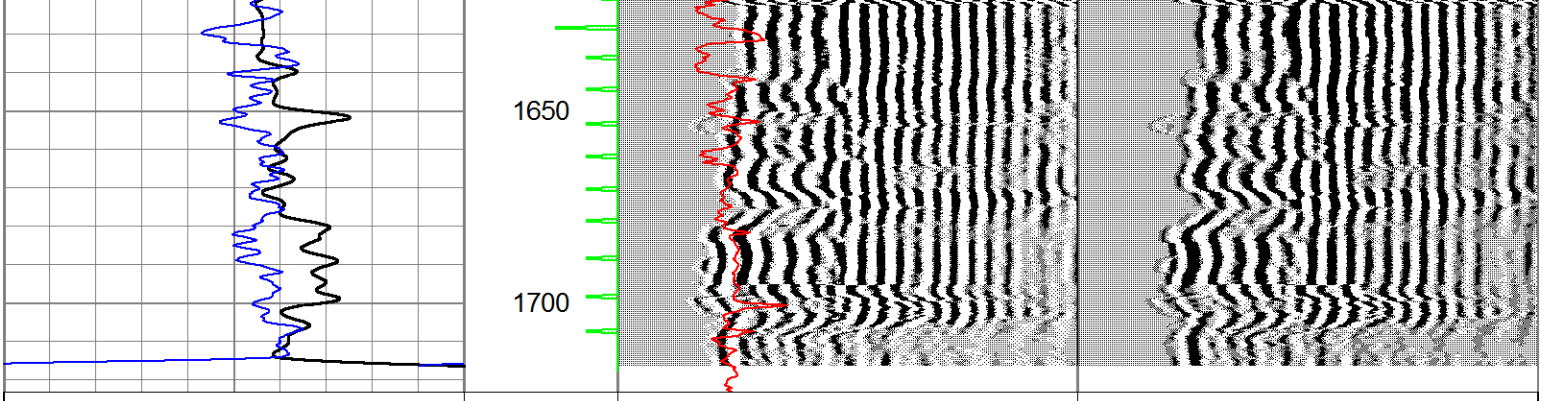
Database File: 15100.db
Dataset Pathname: SNC
Presentation Format: slt
Dataset Creation: Mon Feb 22 22:01:52 2010 by Log Open-Cased 090629
Charted by: Depth in Feet scaled 1:600

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 240 | Delta Time (usec/ft) | 40 | ITT | | 400 | Variable Density 5 ft | 1800 | 400 | Variable Density 5 ft | 1800 |
| 20 | Gamma-Ray (GAPI) | 220 | 5 (msec) 0 | | 0 | RLL3 (Ohm-m) | 50 | | | |
| | | | | | 50 | RLL3 back-up (Ohm-m) | 500 | | | |




Gamma-Ray
Delta Time
ITT
RLL3
550
600
650
700
750
800
850
900
950
1000
1050


1100
1150
1200
1250
1300
1350
1400
1450
1500
1550
1600




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 240 | Delta Time (usec/ft) | 40 | ITT | 400 | Variable Density 5 ft | 1800 | 400 | Variable Density 5 ft 1800 |
| 20 | Gamma-Ray (GAPI) | 220 | 5 (msec) 0 | 0 | RLL3 (Ohm-m) | 50 | | |
| | | | | 50 | RLL3 back-up (Ohm-m) | 500 | | |