

PACIFIC SURVEYS

SONIC VELOCITY VARIABLE DENSITY

Job No. 15100
 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. ELOG GR/L3 CALIPER

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

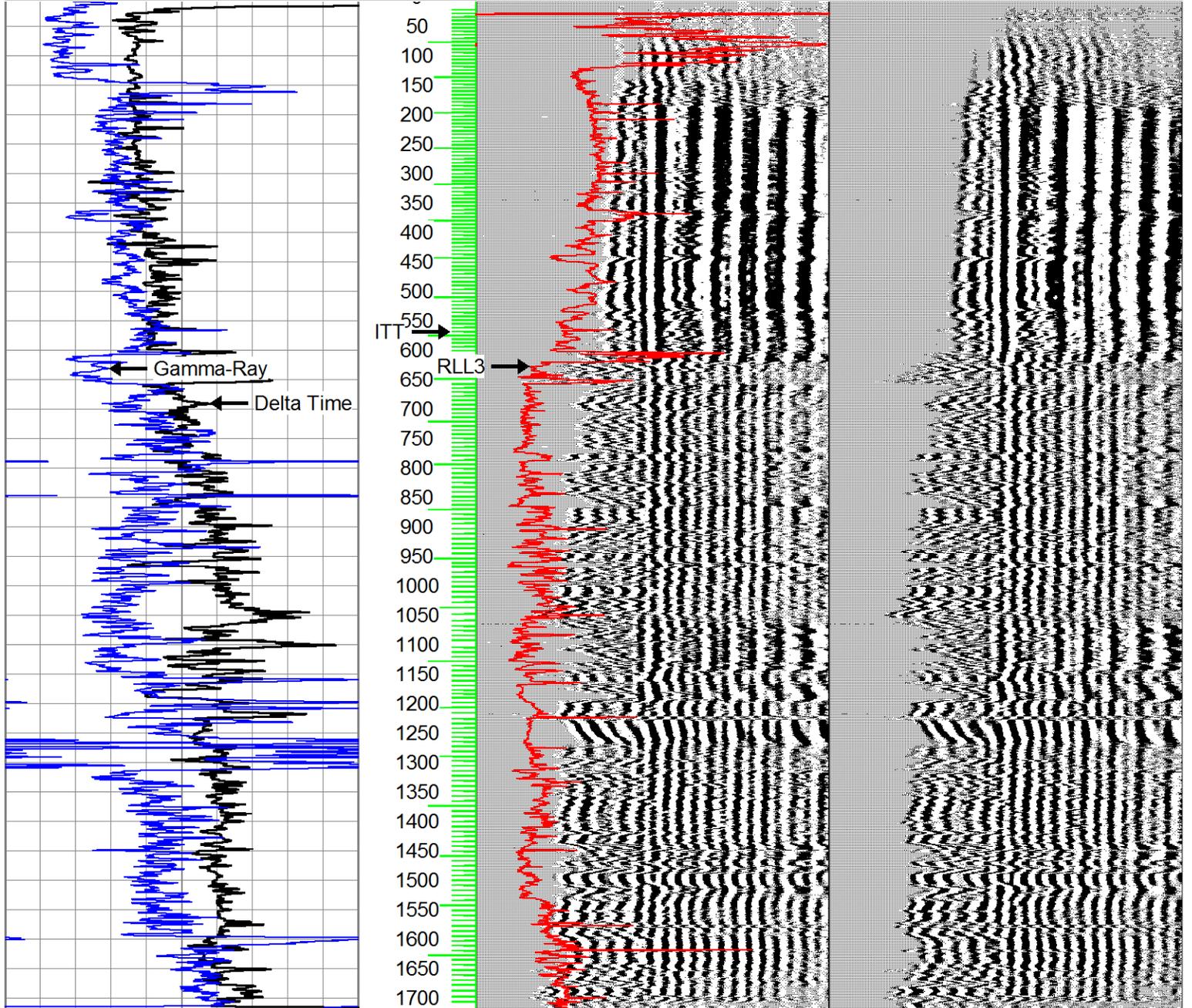
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

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 1:3000

| | | | | | | | | | |
|-----|----------------------|-----|------------|-----|-----------------------|----------------------|-----|-----------------------|------|
| 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 | | |



| | | | | | | | | | |
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