

## **Uruguay Well Log and LAS Plus Data**

#### **Formats Available**

Well log data from TGS is available in a number of industry standard formats, including digital LAS Plus curves. Only TGS offers pre-petrophysical (LAS+) processing on the digitized curves and provide edited and workstation ready curve sets in one LAS file, which corrects errors originated during the logging process of the wellbores, merges multiple and overlapping runs, performs depth-shifting and standardize curve mnemonics.

#### **Online Access**

Uruguay well log data is available via LOG-LINE Plus!, an online gateway to TGS' collection of well log and other wellbore-related data. With time-saving search and data browsing options, it enables users to find precisely the data they need quickly, and download it immediately. LOG-LINE Plus! draws from TGS' quality controlled collection of more than nine million well logs from key exploration plays worldwide.

For more information, contact TGS at: US Tel: +1 713 860 2100 Email: **info@tgs.com** 



See the energy at **TGS.com** 



BASIN	NAME
NORTE	GASPAR
NORTE	ARTIGAS
NORTE	SALTO
NORTE	QUEBRACHO
NORTE	GUICHÓN
NORTE	SALSIPUEDES
NORTE	PELADO
NORTE	YACARÉ
NORTE	BELÉN
NORTE	ITACUMBÚ
SANTA LUCÍA	SAN JACINTO (2)
SANTA LUCÍA	SAN JACINTO (3)
SANTA LUCÍA	SAN JACINTO (4)
SANTA LUCÍA	SAUCE (1)
SANTA LUCÍA	PROGRESO
SANTA LUCÍA	SAUCE (2)
SANTA LUCÍA	LAS BRUJAS
SANTA LUCÍA	CASTELLANOS
SANTA LUCÍA	COCHENGO
SANTA LUCÍA	PIEDRA SOLA
SANTA LUCÍA	SAN BAUTISTA
SANTA LUCÍA	TALA
PUNTA DEL ESTE	LOBO
PUNTA DEL ESTE	GAVIOTÍN

# Standard LAS (Raw Data) file from the truck digital data (DLIS, LIS, LAS, ASCII)

1. Ensure the data are 10 samples per meter

2. Standardize the curve mnemonics and units as per LAS Plus Specifications

3. Ensure all curves have high quality and agree with each other

4. Clean up the curves in casing (except Gamma Ray and Neutron),

and a few meter below pickup tool

5. If there is missing data in the digital data and there are log images available in, then we require digitize the missing curves6. Splicing like curves for a maximum coverage

7. Add the curve description to every single curve

8. Write any valuable comment inside the LAS file under the Other Data Information

### LAS Plus (\*ED & \*WS)

1. The \*ED & \*WS curves may or may not match the log images, due to depth shifting that was involved

2. The \*ED curves may be depth shifted and cleaned up for invalid curve readings (first reading, tool pulls, computer glitches, tool failure, casing effect, etc.)

3. The \*WS curves (maximum 17 curves suite) will consist of all available gamma ray, spontaneous potential, caliper, resistivity, conductivity, sonic, density, density correction, neutron, tension and rate of penetration curves

4. To generate a \*WS curve we merge like \*ED curves from multiple runs/logs into one curve to provide a single curve with maximum depth coverage. For example, a GRWED (from LWD) covering the shallower portion of a well would be merged with a GRDED (wireline) covering the deeper portion of the well. The resultant curve would be called GRWS



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