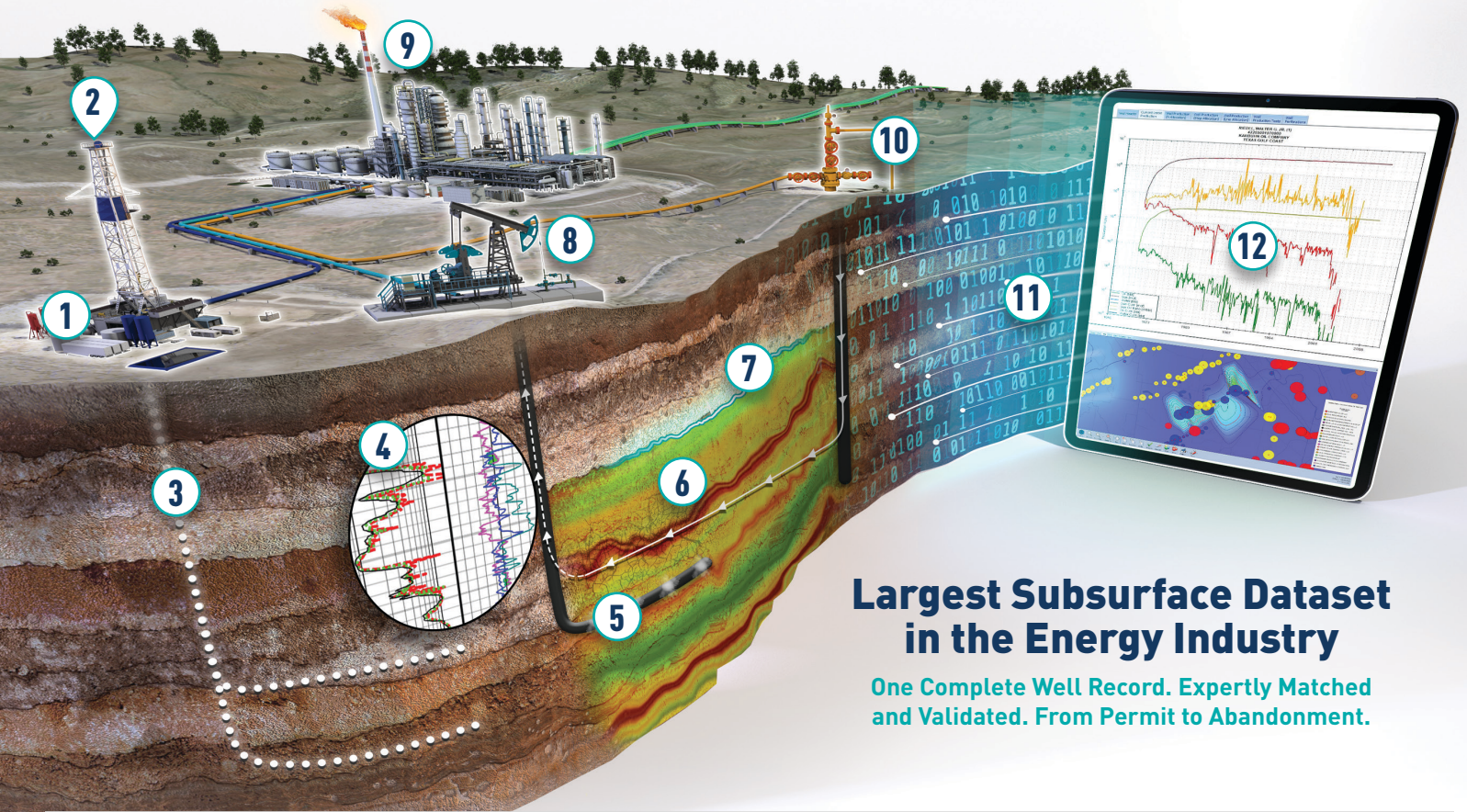


Subsurface Intelligence You Can Trust



Largest Subsurface Dataset in the Energy Industry

One Complete Well Record. Expertly Matched and Validated. From Permit to Abandonment.

12 WORKFLOWS

Well & Asset Analysis

Performance Benchmarking

Subsurface Characterization

Wellbore System Identification

Analytics and Visualization

GEOLOGICAL DATA

Source Logs:	digitized top-to-bottom LAS, depth-calibrated rasters
4 Predicted Logs:	ARLAS (GR, RES, DEN, NEUT, SON)
Petrophysics Logs:	core-calibrated (where available)
6 Basin Models:	structural grids & attribute volumes
7 Interpreted + State Tops:	2,000,000+ picks, 500,000 wells, 17 basins

WELL DATA

1 Permit Life-Cycle Tracking:	daily updates
2 Corrected Surface Locations:	orthorectified & DEM-validated
3 Directional Surveys:	top-to-bottom survey composites
5 Completions Data:	treatment & casing
8 Production Data:	allocated, historic, & forecasted
9 ESG Data:	vent & flare
10 Injection Data:	EOR & disposal
International Well Reports:	searchable & categorized

11 DATA DELIVERY

API End Points (Including OSDU)

Direct Connect (SQL)

Third-Party Export Formats

Partnerships for Data Loaders

See the energy at [TGS.com](https://www.tgs.com)



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TGS Subsurface Data Comparison

	Product	TGS	Provider 1	Provider 2
GEOLOGICAL DATA	Source Logs <i>Digitized top-to-bottom LAS and depth-calibrated rasters: >9 million rasters and 1.8 million LAS – 5 times more LAS coverage than other providers</i>	●	◐	◑
	Predicted Logs <i>Analytics-Ready LAS (ARLAS): turns single, double, and triple log suites into Quad Combos (GR, RES, DEN, NEUT) plus sonic, standardized and ready for analytics</i>	●		
	Petrophysics Logs <i>Core-calibrated or interpreted petrophysical logs; containing effective porosity, water saturation, clay volume, TOC, and other attributes</i>	◐		◑
	Basin Models <i>Structural grids, temperature models (BTM), and attribute volumes (predicted log responses, petrophysical properties)</i>	●	◐	◑
	Interpreted + Reported Tops <i>2,000,000+ picks in 500,000 wells over 17 basins nationwide</i>	◐	●	◑
WELL DATA	Permit Life-Cycle Tracking <i>Comprehensive US coverage of drilling, completion, and recompletion permits – updated daily</i>	●	●	●
	Corrected Surface Locations <i>Wellhead locations derived from all potential location information validated by DEMs and verified by satellite imagery</i>	●	◐	◑
	Directional Surveys <i>Complete, researched spatial representation of wellbores from surface to total depth</i>	●	●	●
	Completion Data <i>Calculated key well completion attributes: treatment details and casing information</i>	◐	●	●
	Production Data <i>Fully updated production datasets allocated to the well with regional proprietary historical datasets covering North America</i>	●	●	●
	ESG Data <i>State-reported vent and flare volumes allocated to the well level</i>	◐		◑
	Injection Data <i>Nationwide coverage of well injection volumes, target formations, and injection purpose (EOR, water disposal, or storage)</i>	●		●
International Well Reports <i>Collated reports containing key aspects of the well and subsurface: geology, geophysics, petrophysics, drilling, completions, and production</i>	◐	●	◑	

Well Intel

<https://www.tgs.com/well-intel>

In this series of short white papers, we seek to answer the questions on the minds of energy explorers, using novel insight gained through analysis of our vast library of onshore well production and performance data.

Daily Industry Updates

<https://www.tgs.com/industry-updates-registration>

Our daily e-newsletter will keep you informed with operator activity and breaking industry news articles.

See the energy at [TGS.com](https://www.tgs.com)



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