PRODUCT SPEC SHEET

SynTraC - SYNTHETIC SURVEY

The SynTraC Synthetic Survey system, from Scientific Drilling, is a groundbreaking active ranging solution that delivers an unmatched combination of performance and affordability in close proximity drilling and anti-collision applications. The SynTraC system provides relative positioning and tool face by referencing surrounding cased wellbores, without requiring additional tools in the drill string or invasion of target or reference wells.

DELIVERING THE ULTIMATE VALUE

- Compatible with all major industry survey, steering, and MWD systems ensuring optimal operational flexibility
- Supports data processing at traditional MWD survey stations, allowing real-time data transmission for a wide variety of ranging-while-drilling applications
- Streamlined system design, enabling rapid mobilization with no additional downhole equipment required
- High accuracy positioning and orientation data, mitigating collision risk in crowded drilling environments with extensive magnetic interference
- Proven performance of over 120 successful jobs to date, demonstrating the reliability, safety, and drilling confidence of the SynTraC Synthetic Survey system

TARGET APPLICATIONS

- Close Proximity
  (Twinning, Handrailing, Multi-well Drilling)
- Wellbore Separation
  (Collision Avoidance, Kickoff Assurance)
- Wellbore Intercept

TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS

Power Supply	240V AC single phase input, 250V 15A output 208 AC three phase input, 300V 16A output
Surface Lines	10-14 AWG insulated single conductor wires
Survey Duration	less than 2 minutes
Depth Limitation	Signal dependent on well profile & operational factors (ie. pipe size, formation resistivity, end of pipe and current injected)
Detection Range	3-4 times greater than passive ranging (dependent on injected current)
System Power	Powered by Rig or Generator

Specifications are subject to change without notice.

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