SPECTRASCAN® is a memory spectral gamma ray logging service specifically designed to identify and precisely determine near-wellbore traced proppant placement. Uniquely able to analyze the effectiveness of completion operations, SPECTRASCAN provides vital diagnostic information for completion optimization decisions.

SPECTRASCAN is used to determine:
- Fracture Height (Vertical Wells)
- Proppant Flowback
- Over-Displacement (Frac or Clean-Up Operations)
- Longitudinal or Transverse Fractures (Horizontal Wells)
- Near Wellbore Fracture Complexity
- Stage Isolation (Cement, Flow-Through Bridge Plugs, Sliding Sleeves, Open Hole Packers)
- Squeeze Perforations Effectiveness
- Actual Perforation and Hardware Depth
- Unstimulated and Under-Stimulated Pay
- Mechanical Failures (Tubular and Hardware)
- Interwell/Offset Fracture Interference

Recording a high resolution energy spectrum combined with proprietary spectral deconvolution software analysis, SPECTRASCAN delivers the industry’s most accurate identification and quantification of the injected tracer(s). Data downloaded from the tool is merged and correlated with other depth data to provide a realistic understanding of the completion effectiveness. Versatile deployment options provide operational flexibility and efficiencies.

When used in conjunction with COMPLETION PROFILER®, SPECTRASCAN provides critical fracture to production performance validation.

SPECTRASCAN's rugged design ensures sound operation even with temperatures that exceed 400°F (200°C) and pressures up to 30,000 psi (20,700 kPa).