

SUMMARY OF SERVICES

Geological Supervision	Geologist employed by Selman and Associates, Ltd. providing information on core and test reports, initial interpretations of wireline logs, and a comprehensive final report.
Geological Supervision Logging Unit	Geologist employed by Selman and Associates, Ltd. and complete instrumentation. Drilling Personnel responsible for sample collection.
Geological Supervision Logging Unit Logger	Geologist employed by Selman and Associates, Ltd. and complete instrumentation on a 1-man, 12 hour coverage. Drilling personnel responsible for sample collection.
Surface Logging	Logger employed by Selman and Associates, Ltd. lives on location, providing complete instrumentation and surface logging services. Drilling personnel responsible for sample collection.
Surface Logging	Two loggers employed by Selman and Associates, Ltd. providing complete instrumentation and surface logging services. Logging crew responsible for sample collection.
SLIC Logging	Portable SLIC™ housed in a small trailer, rig crew or operators personnel are responsible for daily operation. Selman & Associates, Ltd. Field Service Technician visits on a scheduled basis and is on call in case of problems. Available only on a regional basis where Selman and Associates, Ltd. has an established Technician within reasonable distance of location.
Pressure Profile Mud Logging	Pressure Profile Log with D-Exponent, Hydrogen Sulfide (H ₂ S) Detector, Carbon Dioxide (CO ₂) Detector, Ultrasonic Drilling Fluid Flowmeter, Shale Density Equipment, Drilling Fluid Temperature (in/out), and Satellite Up-link.
Laboratory Services	Selman and Associates, Ltd. is a licensed provider of Texaco's Quantitative Gas Measurement (QGM) and Quantitative Fluorescence Technique (QFT), and provides Laboratory Analytical services. Selman and Associates, Ltd. is also a licensed provider of the Gas Referencing Technique.
Computerized Logging	All Selman and Associates, Ltd. logging units are equipped with state-of-the-art computerized logging systems, which are integrated with the SLIC™ - Total Gas Detector, In-Line Gas Chromatograph, and AcquireIt™ Workstation via Selman and Associates, Ltd. proprietary logging program AcquireIt™ Data Acquisition software, and LogIt™ log editing software. All systems have communications capability providing the ability to monitor the instrument from the office, and send-receive logs via the internet by e-mail or website access. All systems are equipped with satellite internet connections.
AcquireIt™ / LogIt™ Data Acquisition / Logging Program	All Selman and Associates, Ltd. personnel are equipped with our AcquireIt™ Data Acquisition Program and LogIt™ logging program, which is integrated with the Surface Logging Information Collector (SLIC™). All levels of service include copies of the program for the office and field personnel, as needed.
Log Files and Geological	All data generated by Selman and Associates, Ltd. (including TIFF, PDF, and LAS files) are available in both printed and digital form. E-log data can be imported by our program via LAS and included in the final report.