The customer had two wells located approximately 85ft apart which were compromised, each requiring plug and abandonment. Due to the nature of the damages, both wells could not be re-entered from surface and had to be intercepted below 625ft and 871ft respectively.

Scientific Drilling’s gyro surveying while drilling and realtime passive magnetic anomaly monitoring via MagTraC™ provided a unique combination of services that solved the uncommon challenges faced by the customer. Proper planning and simultaneous use of these methods reduced the number of wireline active ranging runs required to only three per wellbore, which is the record low for similar intercept scenarios. SDI’s scientific approach contributed to swift project completion and improved economics of “complex” plug and abandonment when compared to typical solutions and their associated time and monetary requirements for similar work.