

Table I. Seismic data acquisition parameters in the Carmen basin, southern Gulf of California, Mexico.

Parameters	Values
Power Source	Air cannon delivering 150 cubic inches per shot
	Operating pressure: 2000 psi (13.8 MPa)
Recording Cable	Length: 600 m
	Channels: 48 (hydrophones)
	Channel spacing: 12.5 m (40 ft)
Data Recording Period	6 seconds
Sampling Interval	1 ms
Total Samples per Trace	6000 ms
Inter-Source Distance	1 ms
Number of channels	6000
Recording time	37.5 m
Redundancy	800%
Samples per traceAir Gun	Sergel GI (generation-injection) gun
	Produces two air bubbles, aiming to reduce reverberations
Signal Conversion	Analog to digital conversion
	Multiple numerical measurements per unit of time (samples)