



East Gun Barrel 3D Survey

Fremont & Natrona Counties, WY.

Acquisition Parameters (Quantum Geophysical)

Recording System	I/O System 2 MRX
Sample Rate	2 Milliseconds
Record Length	6 Seconds
Source	Vibroseis
	5 Units x 6 Sweeps x 12 Seconds
Receiver Array	6 Phones (point receiver)
Bin Size	110' x 110' feet
Designed Fold	72 @ Full Offset Range
Receiver Line Orientation	N - S
Survey Method	GPS
Acquired	October 2004
Size	112.890 Square Miles

Patch & Box Dimensions

No Channels	2016
Spread	14 lines x 144 channels
Patch	20,020 feet x 31,460 feet
Group Interval	220 feet
Shot Interval	220 feet
Receiver Line Interval	1,540 feet
Shot Line Interval	1,540 feet (440/440/660')

Available Products

Basic:

- Field Tapes
- Geometry Corrected Shot Gathers
- DMO Stack – raw
- DMO Migration – raw
- DMO Migration – filter/scale
- DMO Migration – noise-reduced

AZIM:

- Fast RMS Velocities
- Fast/Slow RMS Velocities
- Fast RMS AZIM Velocities
- RMS Error Velocities
- Fast INT Velocities
- Fast/Slow INT Velocities
- Fast INT AZIM Velocities

Additional Availability:

- East Gun Barrel Merge

