



PETTY RAY GEOPHYSICAL  
GEOSOURCE

SECTION 3

RECORDING PARAMETERS

Recorded by : Petty-Ray Geophysical Party 6811  
Energy Source : Vibroseis Type Y1100  
Sweep Frequency : 12-96 Hz  
Sweep Type : Logarithmic 10 dB boost  
Sweep Length : 16 seconds  
Instrument : MDS-10  
Tape format : 9 track SEG B 1600 BPI P.E.  
Record length : 20 seconds  
Sample rate : 2 milliseconds  
Filters Low-cut : 9 Hz 18 dB/octave slope  
High-cut : 125 hertz with a 72 dB/octave slope  
Notch : 50 Hz  
Source Pattern : 4 Vibrators x 8 sweep/V.P.  
: 12 metre vibrator spacing  
: 4 metre vibrator moveup  
Geophones : GSC 20D with a natural frequency of 14  
hertz  
Patch : 12 phones in line, 2.7 metres apart  
V.P. Interval : 120 metres  
Spread : 96 trace symmetrical split 1-48,49-96  
Coverage : 1200%  
Group Interval : 30 metres  
Offsets : 1515-105-135-1545M