

257198

## 2. SURVEY SUMMARY

## 2.1 General

Client	Bridge Oil Limited
Survey	1990 Bass Basin Marine Seismic
Type of Survey	2 Dimensional Marine Seismic
Contractor	Halliburton Geophysical Services
Fold	Nominal 50 fold
Surface Coverage	1114.025 kilometers

## 2.2 Instruments/Streamers

Instrument Type	Titan 1000
Manufacturer	Halliburton Geophysical Services
Channels Recorded	240 Seismic, 14 Auxiliary Seismic assigned as follows 1-162 as 12.5 meter groups 163-240 as 6.25 meter groups Auxiliary channels 1 Oscillator 2 Field Time Break 3 Summed Airgun Shuttle 4 Not Used 5 Port Outer (1) Array Hydrophone 6 Port Inner (17) Array Hydrophone 7 Stbd Inner (49) Array Hydrophone 8 Stbd Outer (33) Array Hydrophone 9-12 Not Used 14-15 Systems QC
Sample Rate	2 milliseconds
Record Length	6 seconds
Low Cut Filter	8 Hz/18 dB per octave
High Cut Filter	180 Hz/72 dB per octave
Tape Storage	StorageTek 1950 Tape Decks
Recorded Data Format	SEG D Demultiplexed, Code 8015
Recording Density	6250 bpi
Transport Speed	125 ips
Streamer - Type	Digital Multiplexed Marine
Mode of Operation	Continuous Tow
Manufacturer	Halliburton Geophysical Services
Strain Members	Kevlar
Group Length	12.5/6.25 meters
Hydrophones/Group	32/16
Group Centre to Centre	12.5/6.25 meters
Hydrophone Type	HGS dish, acceleration cancelling
Group Length	12.5/6.25 meters
Group Voltage Sensitivity	34.5 uV/uB +/-1.0 dB
Groups/Active Section	6/12
Streamer Power Source	160-290 volts AC at 1.5 Khz
Data Link	2 Optical Fibre Transmission Lines
Streamer Configuration	Single - 162 x 12.5 meter groups 78 x 6.25 meter groups
Active Streamer Length	2512.5 meters
Operating Depth	10.0 ± 1.5 meters
Streamer Location/Depth Control	Digicourse 293 CCU using Model 396 Integrated Compass/Depth Controller