

LINE GAB1-31
S.P. 1-1149

TARRA No.1

FINAL STACK LINE: GAB1-31
AIR GUN S.P. 1 to S.P. 1149



LEGEND
V = INTERSECTION
V = VELOCITY ANALYSIS
WATER DEPTH IN METRES
NE
SHOT DIRECTION = 225° DEGREES
1 KM SCALE

4800% TIME SECTION (STK, TVF, AGC)

AUSTRALIAN AQUITAINE PETROLEUM
GAB1 SEISMIC SURVEY

AREA: VIC/P17

WESTERN G EOPHYSICAL DIVISION OF LITTON INDUSTRIES SINGAPORE DIGITAL CENTRE
RECORDED NOVEMBER 1981
PROCESSED JANUARY 1982
FINAL REEL NO. 313436

RECORDING DATA		PROCESSING SEQUENCE PARAMETERS	
BOAT	Western Odyssey Party 86 Navigation Mission Map Locations CDP Position Air Guns 2500psi	EDIT	Demultiplex to trace sequential Geophone amplitude ft. ft. Sample rate 4 ms
SOURCE	Gun Depth 6 m S.P. Interval 25 m Pop Interval 25 m Shooting Rate 40 Pops/km Pops/S.P. 1	ATS	Summing 2 adjacent traces 4 ms
INSTRUMENTS	System DPS II	PRE-PROCESSOR	Data arranged into common depth families
	Filter 8 Hz - 128 Hz Record Length 5 sec Sample Rate 2 ms Format Seg-B Polarity Normal	D.B.S.	Geometric spreading compensation Conversion to fixed point format D.B.S. type - least squares Minimum phase inverse filter 2 equal windows Auto corr length 192 ms Min. prediction lag 12 ms Operator length 200 ms Sample rate 4 ms
CABLE	Streamer 2400 m Groups 96 Substreamers 20 per group Group Interval 25 m Lead in 245 m Cable Depth 11 m overage	VELOCITY ANALYSIS	Every 40 cdfs 2 cdfs / analysis
DATUM PLANE SEA LEVEL		N.M.O. STACK	4800% N.M.O. correction Sample rate 4 ms
CORRECTION APPLIED GUN DEPTH + 004 ms CABLE DEPTH + 007 ms TOTAL CORR. + 011 ms		RESIDUAL	0. C. of stacking velocities Retraced if necessary
POLARITY NORMAL		T.V. FILTER	Slope 18-36 dB/Oct Time Zone L.C. 0000 15 90 1000 15 90 2000 12 80 3000 8 70 4000 8 60
COMPRESSION PULSE REPRESENTED BY NEGATIVE NUMBER (TROUGH)		GAIN	Sample rate 4 ms A.G.C. gain 600 ms window
		SUBSAMPLING	Sample rate 2 ms
		PLAYBACK	Scale - Horizontal 20 hr / cm Vertical 5 cm / sec Sample rate 2 ms Geophone gain 13 dB

