

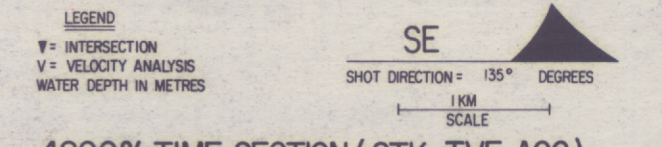
DEPT. NAT. RES & ENV
PE902615

W.C.R. OMEG No. 1

LINE GA81-32
S.P. 1-1677

OMEG - 1
offset 67.5 SW

FINAL STACK
AIR GUN
LINE: GA81-32
S.P. 1 to S.P. 1677



4800% TIME SECTION (STK, TVF, AGC)

AUSTRALIAN AQUITAINE PETROLEUM
GA81 SEISMIC SURVEY

AREA: VIC / P17

WESTERN GEOPHYSICAL DIVISION OF LITTON INDUSTRIES SINGAPORE DIGITAL CENTRE
RECORDED NOVEMBER 1981
PROCESSED JANUARY 1982
FINAL REEL NO. 313453

RECORDING DATA		PROCESSING SEQUENCE PARAMETERS	
BOAT	Western Odyssey Party 86 Navigation Maston Map Locations CDP Position Air Guns 4500 psi 2500 m.	EDIT	Demultiplex to trace sequential Geophone amplitude fl. pt. 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.	ATS	Summing 2 adjacent traces 4 ms
INSTRUMENTS	System DFS X Filter 8 Hz - 128 Hz Record Length 5 sec. Sample Rate 2 ms Format Sep-B Polarity Normal	PRE-PROCESSOR	Data arranged into common depth families
		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 Cablemarkers 20 per group Group Interval 25 m. Lead In 245 m. Cable Depth 11 m. average	VELOCITY ANALYSIS	Every 40 cdfs 2 cdfs/analysis
CORRECTION APPLIED		N.M.O. - STACK	4800% N.M.O. correction Sample rate 4 ms
POLARITY NORMAL		RESIDUAL	Q.C. of stacking velocities Restack if necessary
COMPRESSION PULSE REPRESENTED BY NEGATIVE NUMBER (TROUGH)		T.V. FILTER	Slope 18-36 db/Oct. Time Zone L.C. H.C. 0000 15 90 1000 15 90 2000 12 90 3000 8 70 4000 8 60
GAIN		Sample rate	4 ms.
SUBSAMPLING		A.G.C. gain 600 ms. window	Sample rate 2 ms.
PLAYBACK		Scale - Horizontal 20 m./cm. Vertical 5 cm./sec.	Sample rate 2 ms. Geospace gain 13 db.

