82/971

Enclosure 2.

DEPT. NAT. RES & ENV
PE905964

FINAL STACK

AIR GUN

LINE: GA81-18

S.P. 1 to S.P. 877

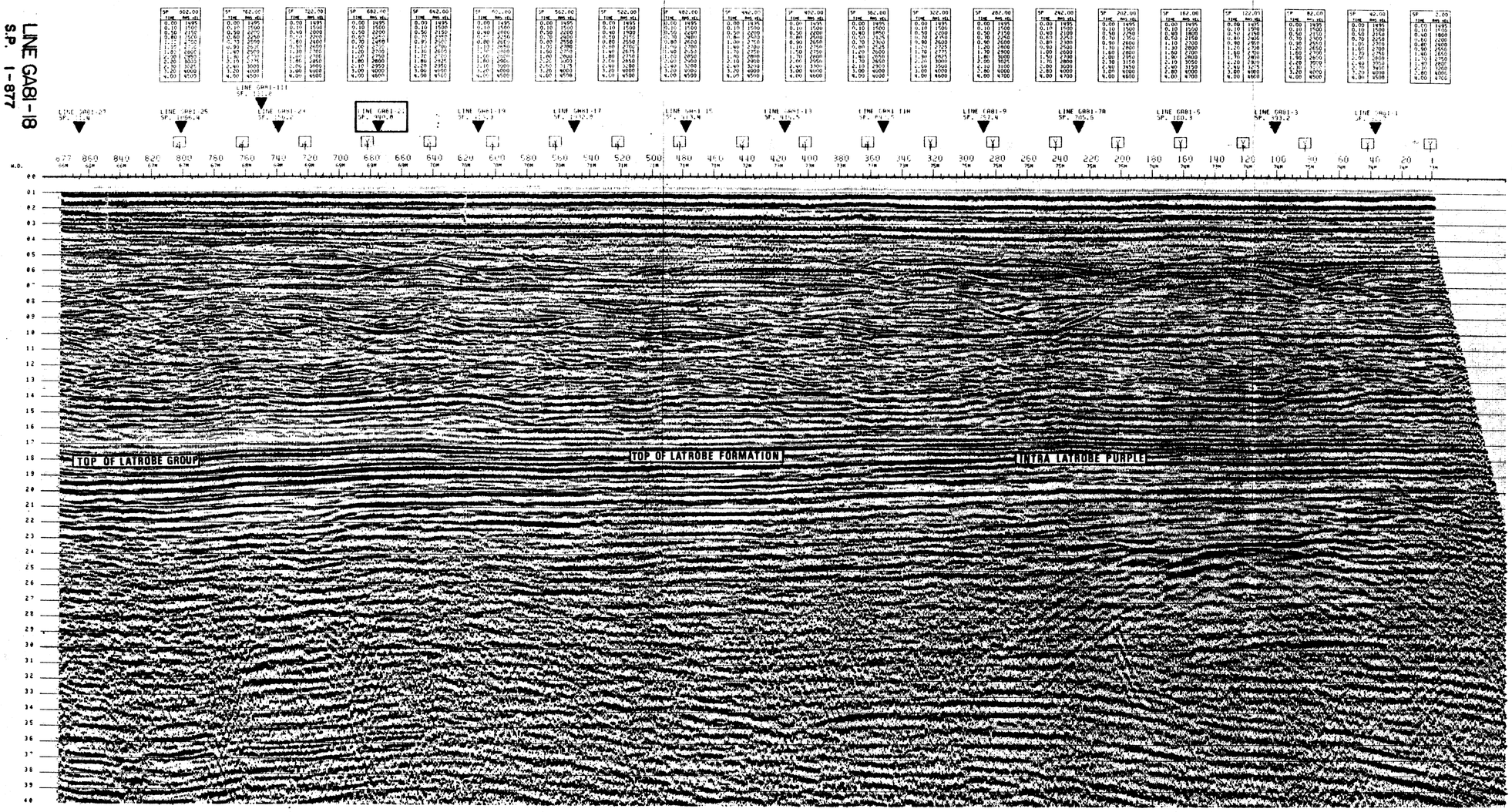
LEGEND
V = INTERSECTION
V = VELOCITY ANALYSIS
WATER DEPTH IN METRES

SE
SHOT DIRECTION = 315° DEGREES

1KM
SCALE

4800% TIME SECTION (STK, TVF, AGC)

LINE GA81-18
S.P. 1-877



AUSTRALIAN AQUITAINE PETROLEUM
GA81 SEISMIC SURVEY

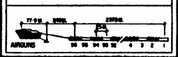
AREA : VIC / P17

WESTERN GEOPHYSICAL
DIVISION OF LITTON INDUSTRIES
SINGAPORE DIGITAL CENTRE

RECORDED NOVEMBER 1981
PROCESSED JANUARY 1982
FINAL REEL NO. 302020

RECORDING DATA

BOAT	Western Odyssey	Party 88
	Navigation	Motion
	Ship Location	CDP Position
	Air Gun	4800cu. in. 4800cu. in.
SOURCE	Gun Depth	6 m.
	S.P. Interval	25 m.
	Pop Interval	25 m.
	Shooting Rate	40 Pops / m.
	Pops / S.P.	1
INSTRUMENTS	System	SPS 32
	Filter	8 Hz - 250Hz
	Record Length	6 sec.
	Sample Rate	2 ms.
	Format	Seg-B
	Polarity	Normal
CABLE	Streamer	2400 m.
	Groups	96
	Hydrophones	20 per group
	Group Interval	25 m.
	Lead In	240 m.
	Cable Depth	11m. average



WATER PLANE SEA LEVEL

CORRECTION APPLIED

GUN DEPTH	+ 004 ms.
CABLE DEPTH	+ 007 ms.
TOTAL CORR.	+ 011 ms.

POLARITY NORMAL

COMPRESSION PULSE REPRESENTED BY NEGATIVE NUMBER (TROUGH)

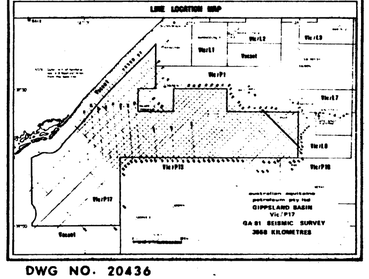
PROCESSING SEQUENCE PARAMETERS

EDIT	Demultiplex to trace sequential, Geophone amplitude N. pl. Sample rate 4 ms.
STD	Summing 2 adjacent traces 4 ms.
PRE-PROCESSOR	Data arranged into common depth families
D.B.S.	Deterministic signature compensation Conversion to fixed point format D.B.S. type - fixed operator Minimum phase Inverse filter 2 second windows Auto corr length 512 ms. Min. prediction lag 12 ms. Operator length 300 ms. Sample rate 4 ms.
VELOCITY ANALYSIS	Every 40 cdps 2 cdps / analysis
R.M.O. - STACK	4800%, R.M.O. corrections Sample rate 4 ms.
RESIDUAL	S.C. of shallow velocities Restack if necessary
T.V. FILTER	Slope 18-36 db / Oct.

Time Zone	L.C.	H.C.
0000	18	90
1000	18	90
2000	18	80
3000	18	70
4000	18	60

	Sample rate 4 ms.
GAIN	A.G.C. gate 600 ms. window
RESAMPLING	Sample rate 2 ms.
PLAYBACK	Scale - Horizontal . . . 20 tr. / cm. Vertical . . . . . 3 cm. / sec. Sample rate 2 ms. Gaugram gain 13 db.

LINE LOCATION MAP



DWG NO. 20436