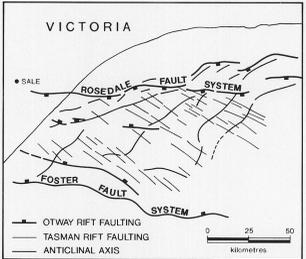


BOOBYALLA SUB-BASIN

Tectonic Elements – Offshore Gippsland Basin



Tectonic History – Gippsland Basin

M YRS	AGE	TECTONIC PHASE	Basin Phase	DEFORMATION PHASES
5	MIOCENE	SOUTH TASMAN OCEAN SEA		COMPRESSION
25	OLIGOCENE			COMPRESSION
36	Eocene	DRIFT	MARGIN SAG	
54	PALEOCENE	DRIFT		
66			RIFT GRABEN (2ND CYCLE)	PERVASIVE EXTENSION
96	LATE CRETACEOUS	RIFT		
	EARLY	RIFT	RIFT GRABEN (1ST CYCLE)	

SCALE: 1/50,000



AUSTRALIAN NATIONAL GRID PROJECTION
 AUSTRALIAN NATIONAL SPHEROID
 CENTRAL MERIDIAN = 147°00'00.000 E
 BASE LATITUDE = 0°00'00.000 S
 COORDINATE UNITS: METRES

PROSPECTS ① ② ③ ④ and ⑤ are post-depositional, detached, roll-over structures

PROSPECTS ⑥ ⑦ and ⑧ are up-dip culminations of tilted fault blocks

PROSPECT ⑨ may be another roll-over structure

Direction of dip of beds below the Top of Durroon or Turonian Unconformity

Prepared by
PETROCONSULTANTS AUSTRALASIA PTY. LTD.
 for
BRIDGE OIL LTD.

BASS BASIN T/15P
STRUCTURE TIME CONTOURS
 SHOWING TWO WAY TIME IN SECONDS
TOP OF DURROON FORMATION
(TURONIAN UNCONFORMITY)
BOOBYALLA SUB-BASIN

INTERPRETATION BY: G. LODGERLEY DATE: MARCH 1990
 CONTOUR INTERVAL: 0.1 SECONDS DATUM: MEAN SEA LEVEL
 MAP NUMBER: 18 East SCALE: 1/50,000

- MAP PRODUCED BY -
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