PROSPECT DATA SHEET

TREGARON

CATEGORY	Weak Lead			
LOCATION	Seismic line S92A-139 Sp 200 (Palaeocene)			
DESCRIPTION OF TRAP	Tilted fault block with closure against north west trending fault.			
PRIMARY OBJECTIVES	EVCM	-	Palaeocene	
MAXIMUM CLOSURE	EVCM	-	Palaeocene	6.4 square kilometres
SECONDARY OBJECTIVES	EVCM	-	Middle *M.diversus* (minor closure)	
DEPTH TO TOP RESERVOIR	EVCM	-	Palaeocene	2594 mSS

DESCRIPTION OF RISK ELEMENTS

SOURCE

Tregaron is located on the Southwestern Ramp 4 kilometres and updip from the Grindstone fault, which bounds the Pelican Trough. Migration to the prospect therefore is dependent on relatively long distance migration from mature source material in the Pelican Trough. Such a migration route is made tortuous by the presence of a number of northwest trending normal faults between the Trough and Tregaron. However the Grindstone fault might allow vertical migration from mature source rocks into carrier beds downdip of Tregaron allowing relatively simple migration of hydrocarbons into the structure. Source and migration risk are therefore considered to be low to moderate for gas and moderate for oil at Tregaron.

RESERVOIR

The shallow depth of burial of the primary target at Tregaron, the Palaeocene, results in a predicted average porosity of 21%. Therefore reservoir risk is considered to be moderate to high.

SEAL

Tregaron is dependent on the development of intraformational top seals and cross fault or fault plane seals. Sealing risk is rated as low to moderate.