

## PROSPECT DATA SHEET

## ROCHON

<b>CATEGORY</b>	Lead		
<b>LOCATION</b>	Seismic line TQH5-61 Sp 460 (middle <i>M.diversus</i> ) Seismic line TQH5-59 Sp 990 (Palaeocene)		
<b>DESCRIPTION OF TRAP</b>	Low-side fault closure		
<b>PRIMARY OBJECTIVES</b>	EVCM - Middle <i>M.diversus</i> - Palaeocene		
<b>MAXIMUM CLOSURE</b>	EVCM - Middle <i>M.diversus</i>	4.6 square kilometres	
	Palaeocene	10.7 square kilometres	
<b>SECONDARY OBJECTIVES</b>	None		
<b>DEPTH TO TOP RESERVOIR</b>	EVCM - Middle <i>M.diversus</i>	2413 mSS	
	Palaeocene	2791 mSS	

## DESCRIPTION OF RISK ELEMENTS

## SOURCE

Rochon is located at the northwestern end of the Pelican Trough which has proven gas and condensate generating potential. Maturity modelling predicts that at the middle *M.diversus* the sequence will be early mature for oil generation grading to mid-mature in Palaeocene and in the late gas mature window at basement. Migration from along strike and downdip mature source sequences to the northwest and southeast of the lead is possible as is vertical migration up fault conduits. Source risk for gas is ranked as low whilst oil risk is moderate.

## RESERVOIR

The middle *M.diversus* reservoirs at Rochon are predicted to have average porosities of 23% declining to 19% in the Palaeocene. The lead shares many of the same uncertainties with respect to reservoir development as the Clarke lead, such that there could be a significant improvement in the quality and amount of reservoir to that used in the reserve calculations attached here. Reservoir risk is estimated to be moderate for the middle *M.diversus* and high for the Palaeocene.