

Proposed Work Programme

Stage 1 (Committed Activities):

Within **18** months of the commencement date of the permit, the permit holder shall (to the satisfaction of the chief executive):

- 1 Complete the following activities which are all **key deliverables** for the purposes of the Petroleum Programme:
 - (a) Deploy advanced machine learning algorithms in seismic processing to:
 - i) provide technical validation of the pre-drill analysis at Wherry-1;
 - ii) synthesize disparate Canterbury Basin seismic volumes to systematically rank all remaining prospects and leads; and
 - iii) generate high-fidelity field development scenarios and economic impact reports.
 - (b) Create a Canterbury Basin development strategy and undertake a regional and national economic impact assessment.

