

## Retention Areas Agreed (Updated 9 July 2018) 2014 Model Clauses\*

Licence	Operator	Change	New Model Clause Retention Area Work Plan
PEDL100	UK Onshore	RA	two retention areas: RA1 Llangeinor Area - East- submit a planning application for field development activity by 30 Sept 2019 and submit an updated Field Development Plan by 30 September 2021 and RA2 Margam Area - West - re-process British Coal seismic data by 30 June 2019, submit a planning application for field development activity by 30 Sept 2019 and submit a Field Development Plan by 30 June 2021
PEDL120	INEOS	RA	two retention areas: RA01 Ebberston South, submit a revised Field Development Plan by 30 September 2018 and commence production by 31 December 2020 ; RA2 Shale Area Acquire new seismic data by 30 September 2018, submit planning application to drill a well by 30 September 2020 and Drill a well by 30 Sept 2021
PEDL126	UKOG	RA	submit a planning application for an appraisal well by 31 December 2016, drill a horizontal well by 30 June 2020 and submit Markwells Wood Field Development Plan by 30 June 2021
PEDL137	Horse Hill Development	RA	commence extended flow testing of the Horse Hill 1 well by 30 September 2017, to drill a Portland appraisal well of Horse Hill 1 by 30 September 2018, drill a Kimmeridge limestone appraisal well of Horse Hill 1 by 30 September 2019 and acquire 40 km2 of 3D seismic by 30 September 2021.
PEDL145	INEOS	RA/DA	Doe Green field DA and RA to acquire new seismic data by 30 June 2018, submit planning application for drilling by 31 December 2019, and to drill and test well by 30 June 2021
PEDL146	IGAS	RA	submit planning permission to drill a well by 30 June 2019, drill well by 31 December 2020, acquire new 3D seismic data by 31 December 2022, test well by 30 June 2023 and propose Field Development Plan by 31 December 2023
PEDL147	IGAS	RA	acquire new 3D seismic data by 30 June 2020 and drill a well by 30 June 2021.
PEDL148	UK Onshore	RA	two retention areas: RA1 Seven Sisters Area - West - submit planning permission for field development activity by 30 Sept 2019 and submit a Field Development Plan by 30 September 2021 and RA2 Banwen Area - East - to submit planning permission for field development activity by 30 Sept 2019 and submit Field Development Plan by 30 September 2021
PEDL149	UK Onshore	RA	two retention areas: RA1 Bryn Area - West - submit a planning application for field development activity by 30 Sept 2019 and to submit a Field Development Plan by 30 September 2021 and RA2 St Johns Area - East - submit a further planning application for field development activity by 30 Sept 2019 and to submit a Field Development Plan by 30 June 2020
PEDL157	Sonorex	RA	drill one well by 30 Sept 2019 and submit a Field Development Plan by 30 September 2021

PEDL164	Aurora	RA	two retention areas: RA1 - 3D area - to submit a planning application, by 30 September 2018, to drill a well in RA1 to the shallower of 3,000m or 50m into the Bowland High Group by 30 September 2020. RA2 - rest - to acquire 30 km2 new 3D seismic data in RA2 by 30 September 2020, submit a planning application by 30 September 2021, and to drill a well in RA2 to the shallower of 3,000m or 50m into the Bowland High Group by 30 September 2023.
PEDL165	Cuadrilla	RA	three retention areas: RA1-North - collect outcrop data and interpret existing 2D seismic data by January 2018, to acquire gravity and/or magnetic geophysical data by 30 June 2019 and to apply for planning permission to drill a well by 30 June 2021, RA2-Central - drill and hydraulically fracture a horizontal well by 30 June 2019 and to submit a Field Development Plan by 30 June 2021, RA3-South - acquire gravity and/or magnetic geophysical data by 30 June 2019 and to apply for planning permission to drill a well by 30 June 2021. Partial Relinquishment of 63 km2 was made.
PEDL169	IGAS/Alkane	RA/DA	complete new seismic acquisition by 30 June 2019, submit planning permission to drill a well by 30 June 2021/Markham Main Coal Mine Vent Field
PEDL183	Rathlin	RA	Two retention areas - RA1 - drill a well to 2000m and test by 30 June 2019 and to complete geotechnical studies by 30 June 2020, to submit planning application for field development by 30 June 2021, and to submit a Field Development Plan by 30 June 2023, RA2 -acquire and interpret 15km2 new 3D or 50km 2D seismic data by 30 June 2020 and to submit planning application for drilling a well by 30 June 2021, and to drill a well by 30 June 2023
PEDL184	IGas	RA	reprocess regional geomagnetic data by 30 June 2017, sample and reinterpret Namurian shale from Gronant borehole by 30 March 2018, acquire new seismic data by 30 June 2019 and drill a well by 30 June 2021
PEDL188	IGas	RA	acquire new 2D seismic data by 30 June 2020 and drill a well by 30 June 2021
PEDL190	IGas	RA	reprocess of regional Geomagnetic data by 30 June 2017 and drill a well by 30 June 2019
PEDL191	Egdon	RA	integrate reprocessed 2D data and regional geochemical analysis of offset well by 31 December 2017, submit planning application for a well by 31 December 2019 and drill a well by 30 June 2021
PEDL193	INEOS	RA	acquire new seismic data by 30 June 2018, submit planning application to drill a well by 30 June 2020, and drill, hydraulically fracture and flow test a well by 30 June 2021
PEDL200	IGas	RA	drill one well by 31 December 2018, acquire new seismic data by 31 December 2019 and drill a horizontal well by June 2021
PEDL201	Egdon	RA	submit a planning application for a well by 31 June 2019 and drill a well by 30 June 2021
PEDL202	Egdon/Alkane	RA/DA	submit a planning application for a well by 30th June 2019 and drill a well by 30th June 2021/Calverton Coal Mine Vent Field

PEDL209	Egdon	<b>RA</b>	integrate the results of Laughton 1 well by 30 June 2017, submit planning application for a well by 31 December 2019 and drill a well by 30 June 2021
PEDL210	IGas	<b>RA</b>	acquire new seismic data by 31 December 2018, submit planning application to drill a well by 31 December 2020 and drill a well by 30 June 2021
PEDL234	KOGL	<b>RA</b>	drill and test an exploration well through the Kimmeridge Limestones on trend with the Godley Bridge 1 Portland gas discovery by 31 December 2019, and drill and test a further exploration well through the Kimmeridge Limestones by 31 December 2020, and drill and test an appraisal well or sidetrack by 31 December 2021, and acquire and process 50 km of 2D seismic by 31 December 2022, and submit Field Development Plan, by 31 December 2023.
PEDL244	Cuadrilla	<b>RA</b>	flow test the Balcombe 2z well by 30 June 2019 and drill one well by 30 June 2021
PEDL246	Horse Hill Development	<b>RA</b>	acquire 25 km of new 2D seismic by 30 June 2020 and acquire 10 km <sup>2</sup> of 3D seismic by 30 June 2021, and drill a well to test the Kimmeridge limestones by 30 June 2021.
PL213	Alkane	<b>RA</b>	submit a planning application for a well by 31st March 2019, drill a well by 31st March 2020, submit Field Development Plan by 30th June 2020 and to plug and abandon the Calow 2 well as part of the PL213 decommissioning programme.

\*New Model Clauses were laid in 2014 (see <http://www.legislation.gov.uk/uksi/2014/1686/contents/made>)