

Yarlington and Pomeroy Prospects

**1.4 Billion Barrels Oil
or 6.2 Trillion Cubic Feet of Natural Gas**

Mean, Un-risked Prospective Resources

UK Licence P2658



**Horizon
Energy**
Global Corporation

July 2025 Licence P2658 Summary

- Compelling opportunity to acquire up to a 50% working interest participation from the 100% Horizon interest in a world-class, highly vetted exploration opportunity at an early entry stage.
- On trend with recent hydrocarbon discoveries by major oil companies.
- Shallow drilling (2,500m TVDSS), shallow water depth (80m) and close to existing infrastructure.
- Total internal un-risked estimates of mean prospective resources for Permian and Devonian targets are **1.4 billion** barrels for an oil case and **6.2 trillion** cubic feet of natural gas for a gas case. There may be a combination of oil and gas.
- Horizon has actively evaluated the Mid North Sea High area of the UK North Sea for over 7 years, including sponsoring several large multi-client 3D surveys.
- Based on its evaluation, Horizon made applications for several blocks in the most recent 33rd UK offshore licensing round. Licence P2658 was awarded to Horizon in July 2024 with a start date of 1st June 2024.
- Licence P2658 contains two massive structural prospects referred to as Yarlington and Pomeroy.
- The quality and prospectivity of identified prospects has been corroborated by thorough technical analysis and supportive data regarding source, migration, trap and reservoir.
- Phase A of the licence work programme has been completed which entailed reprocessing 1,000 km of vintage 2D seismic data covering the prospects and conducting advanced geophysical analysis which has confirmed the pre-award interpretation.
- Phase B of the licence work programme comprises the acquisition of a minimum of 400 km² 3D seismic data covering part of the licence.
- By reimbursing its working interest share of back costs and funding the full cost of a 500km² 3D seismic survey (including acquisition and processing), a participant will earn a ground-floor 50% working interest in the licence.

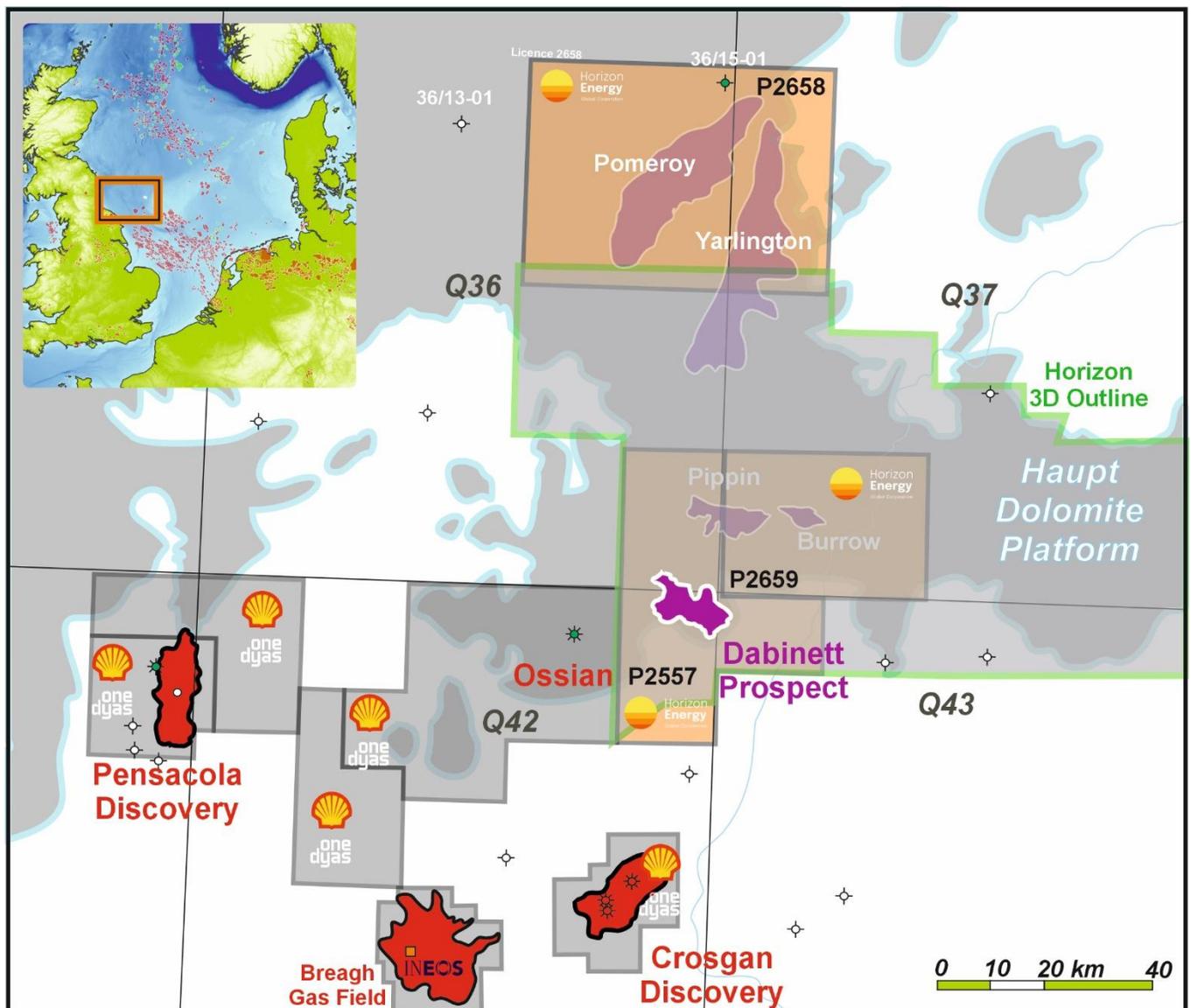
Licence P2658 Potential

The licence is located to the north of the Horizon licences P2557 and P2659 and includes two large fault bounded prospects with significant mean prospective resources.

The Haupt Dolomite mean prospective resources potential for Yarlington is 227 MMstb for an oil case and 998 Bscf for a gas case, for Pomeroy 333 MMstb and 1,466 Bscf.

Deeper Devonian sandstones have mean prospective resources for Yarlington oil of 322 MMstb, or if gas 1,416 Bscf and Pomeroy oil 526 MMstb, or if gas 2,312 Bscf.

Additional upside exists for the maximum offset fault bounded closures.



Licence P2658 Overview

The P2658 licence was awarded in the 33rd Licensing Round and contains two very large tilted fault block prospects with multiple target horizons and with combined mean prospective resources of **1,408 MMstb or 6,192 Bscf**, that classify as world class exploration prospects.

- Recent wells have significantly de-risked the Mid North Sea High (“MNSH”) region with gas discoveries at Pensacola and an excellent gas test at Crosgan, both in a Haupt Dolomite reservoir. Oil was also encountered in the Ossian well and in the initial Pensacola exploration well.
- Recent geochemical analysis of oil extracts from well 36/15-1 adjacent to the north of the Yarlington and Pomeroy prospects has indicated live oil that has been typed to a Zechstein source with some Carboniferous component and a maturity of mid oil window. This analysis significantly de-risks the migration of hydrocarbons into the prospects in the licence.
- Good quality prospective reservoirs have been proven and backed up by core analysis undertaken by Horizon from wells on the MNSH in the Haupt Dolomite and the Devonian.
- The licence has limited legacy 2D seismic data. A licence area specific survey of 1,000 km was acquired by Arco in 1983. Horizon has reprocessed this data from field tapes with Seismic Image Processing UK Ltd resulting in a significant improvement in data quality.
- The licence work programme for Phase A has been completed. Phase B commences in June 2026 (2-year period) to acquire a 3D seismic survey. Horizon is offering a farm-in to fund a 500 km² 3D seismic work programme.

Licence P2658, Start date 1st June 2024, Area 1062 km²

Phase A - 2 Years

- Obtain 250 km of 2D – NDR data
- Reprocess 1000 km of 2D – **Completed**
- Advanced Geophysics - **Completed**

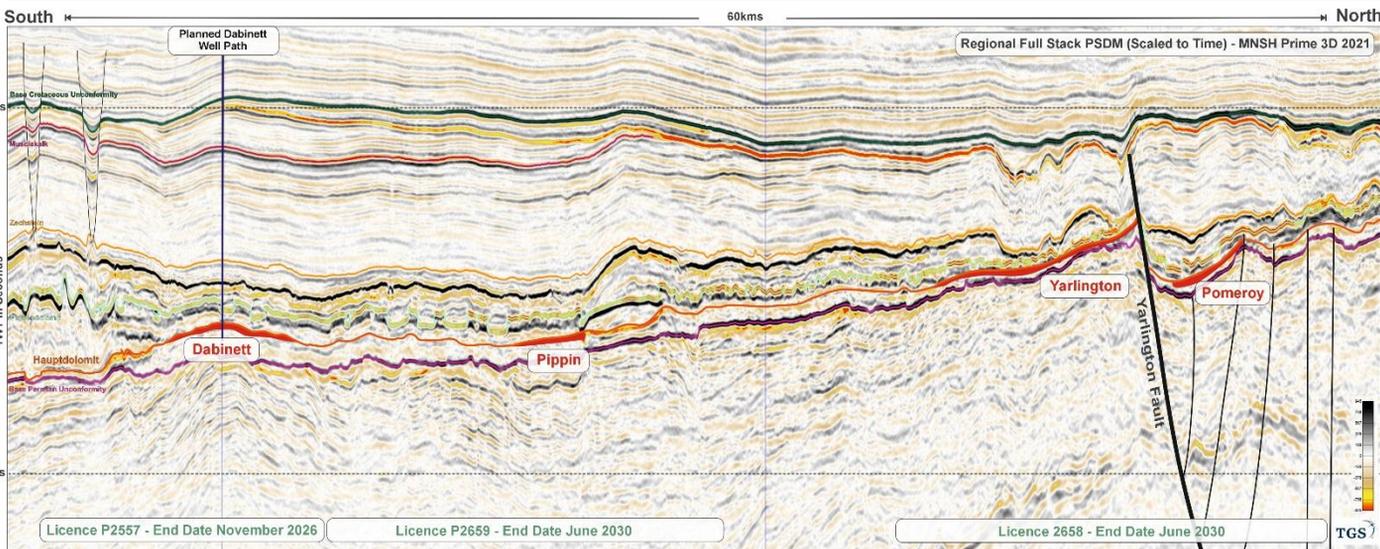
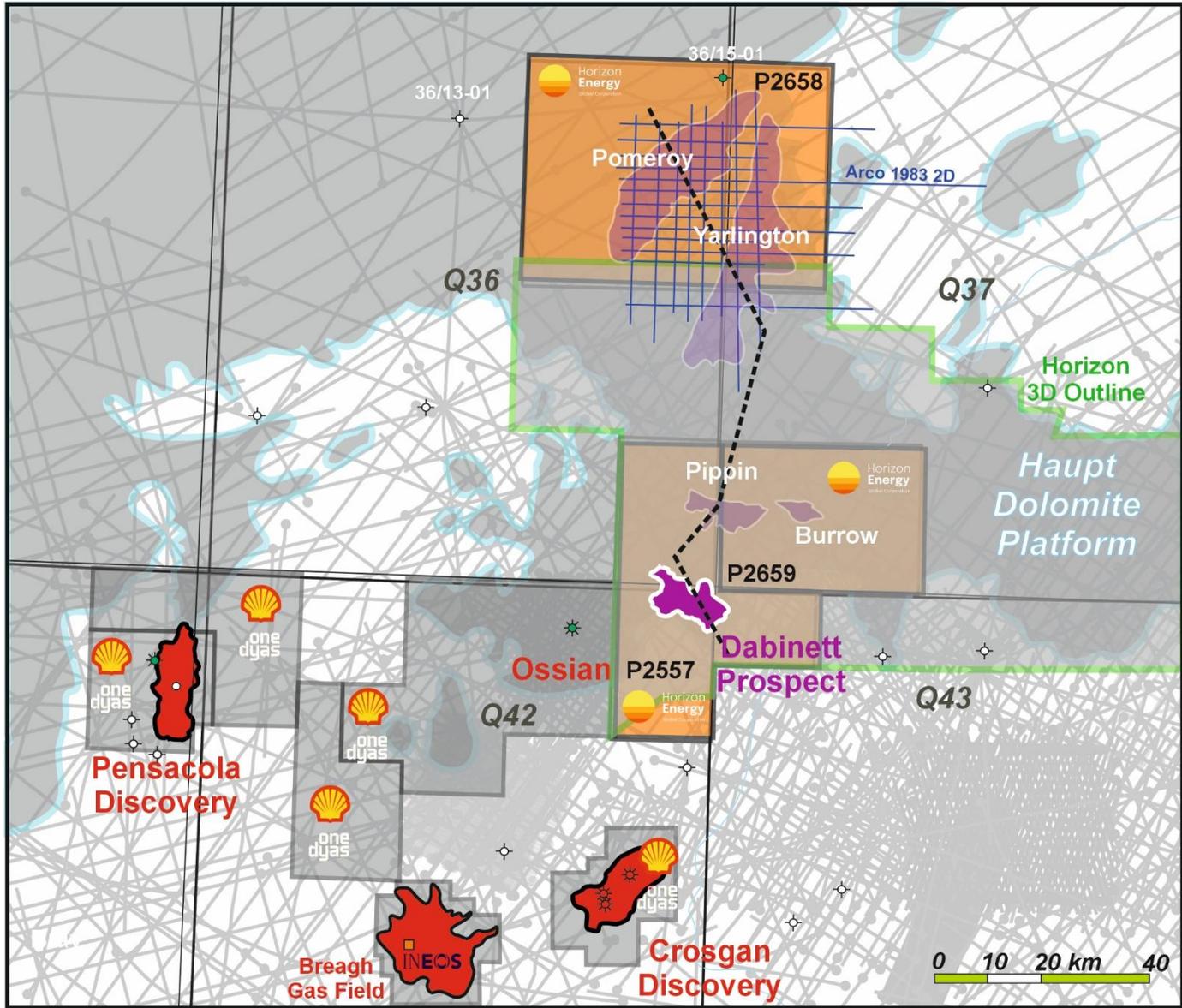
Phase B - 2 Years

- Acquire 400 km² of 3D

Phase C - 2 Years (Start 2028)

- Drill or drop - well TD of 2500m or 50m into Pre-Zech

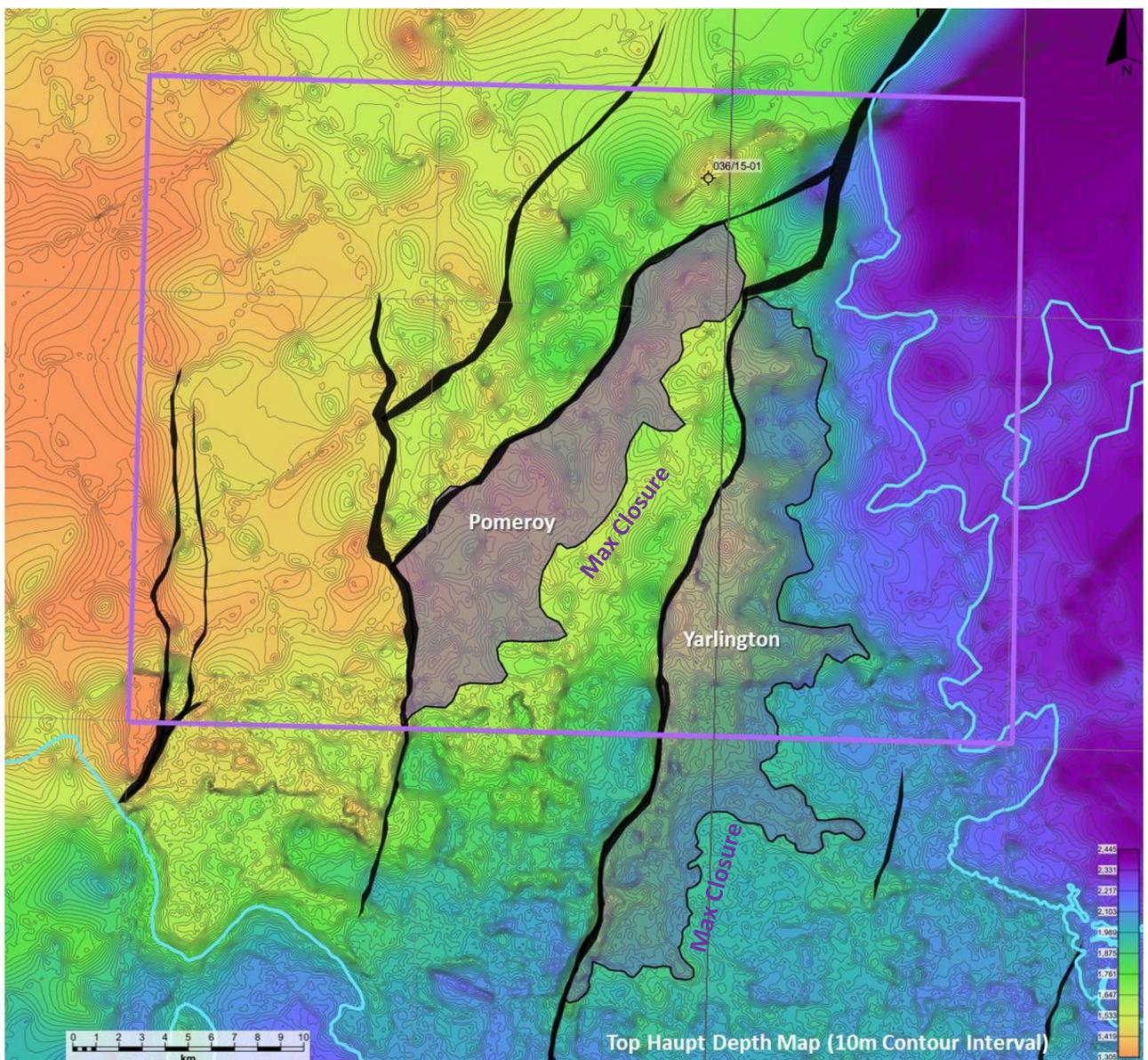
Seismic Database and Regional Seismic Line



Prospects Overview

Yarlington and Pomeroy are large fault bounded tilted fault block structures located on the northern margin of an extensive Haupt carbonate platform, open to hydrocarbon charge from proven oil and gas source rock sequences that exist within both the Zechstein Group and the Carboniferous. Source rock, migration timing and offset well data support oil as an initial hydrocarbon phase and gas as a secondary phase.

Potential exists with underlying Devonian Buchan sandstone reservoirs sourced from the same source rock sequences.



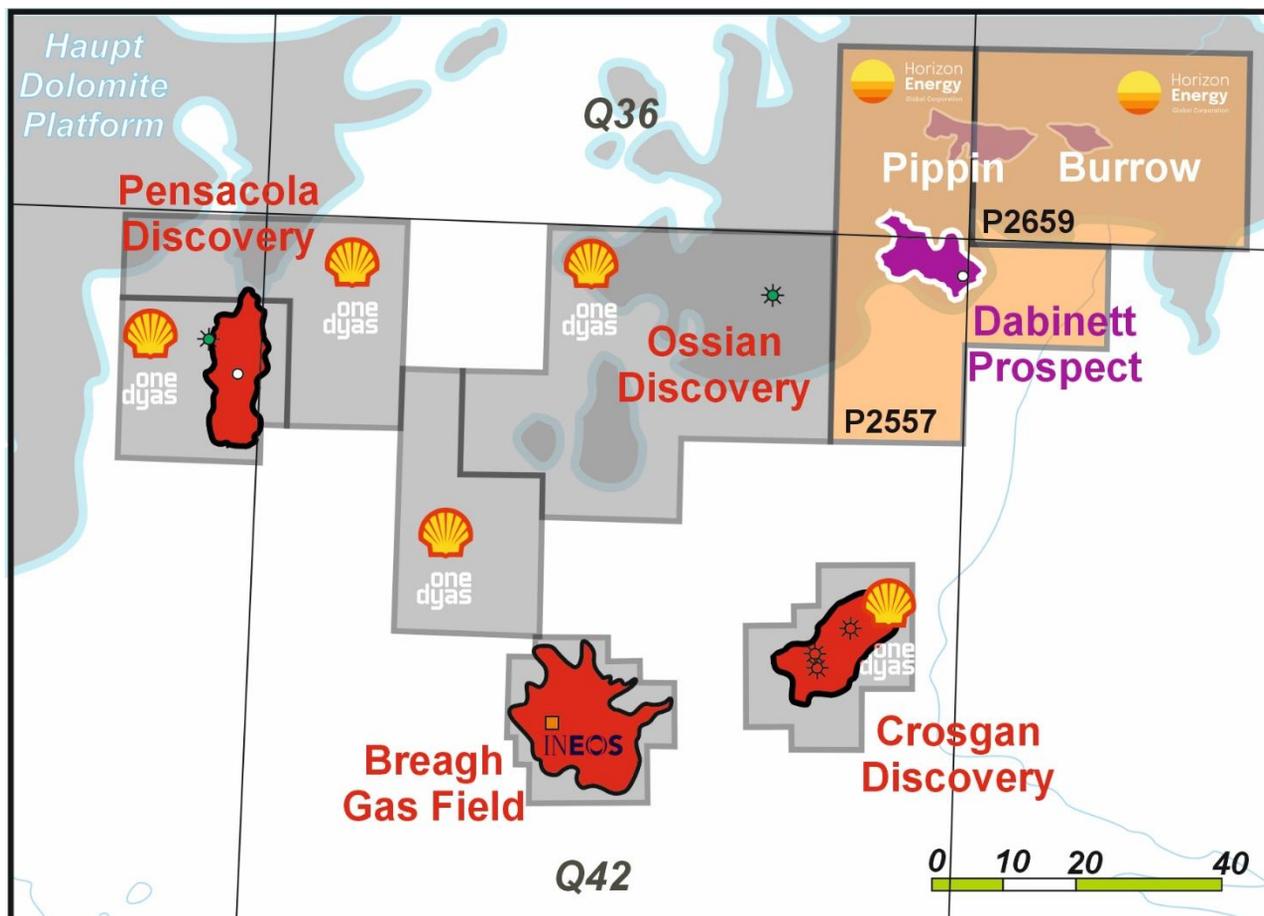
Nearby Haupt Discoveries and Producing Analogues

Ossian (2019) – well 42/4-1/1Z an oil and gas discovery by ONE-Dyas /Spirit Energy and Neptune. Tested 3.5 m of Haupt close to the oil water contact to a stabilized flow of 800-900 bbl/d for three days. Test data indicates up-dip gas volumes.

Pensacola (2022) – well 41/5a-2 drilled by Shell/Deltic/ONE-Dyas discovered both oil and gas in a downdip carbonate platform slope location with 18.8m reservoir with 16% average porosity. Test rates of 4.75 mmscf/d and 18 bopd. Contingent 2C resources of 313 Bscf gas and 19.8 MMstb oil (RPS Group). **2025** appraisal well targeting central platform location notably is a discovery.

Crosgan (2023) – appraisal well 42/15a-4 drilled by ONE-Dyas and Shell encountered 140m thick reservoir and flowed at 26.5 mmscf/d, indicating the reservoir potential of the Haupt.

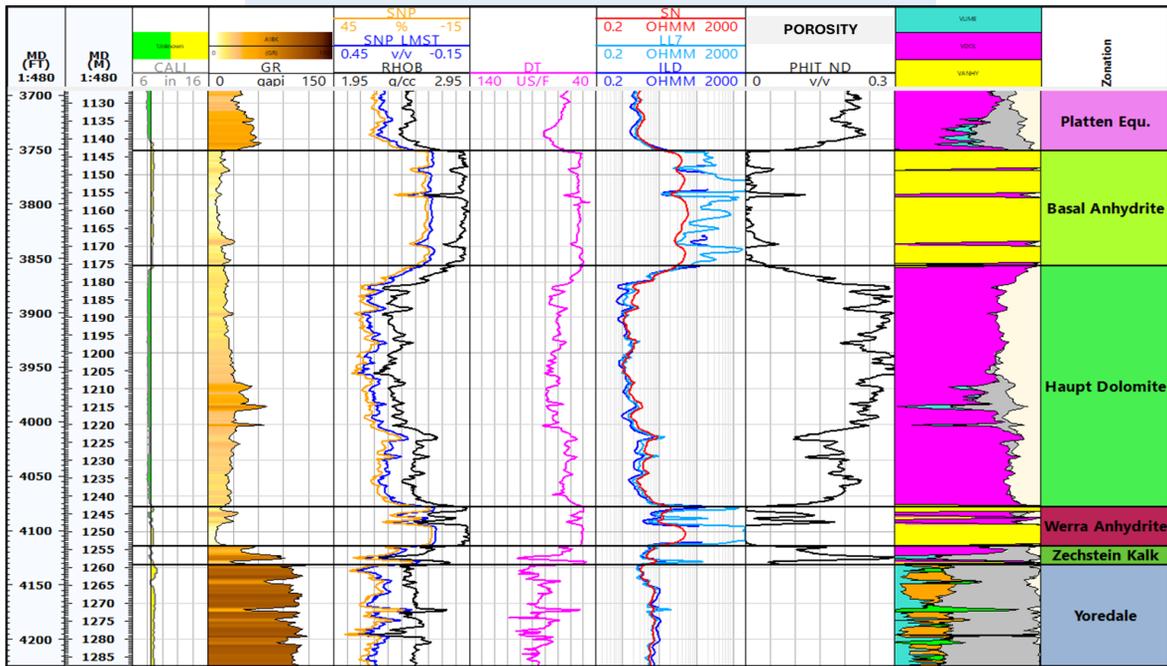
Poland Analogue - BMB Field - Substantial oil and gas volumes are produced from Haupt reservoir fields in Poland. The BMB complex represents the largest oil accumulation in the country. With poorer reservoir quality than MNSH Haupt wells, vertical well test rates have achieved 110 mmscf/d.



Haupt Dolomite Reservoirs

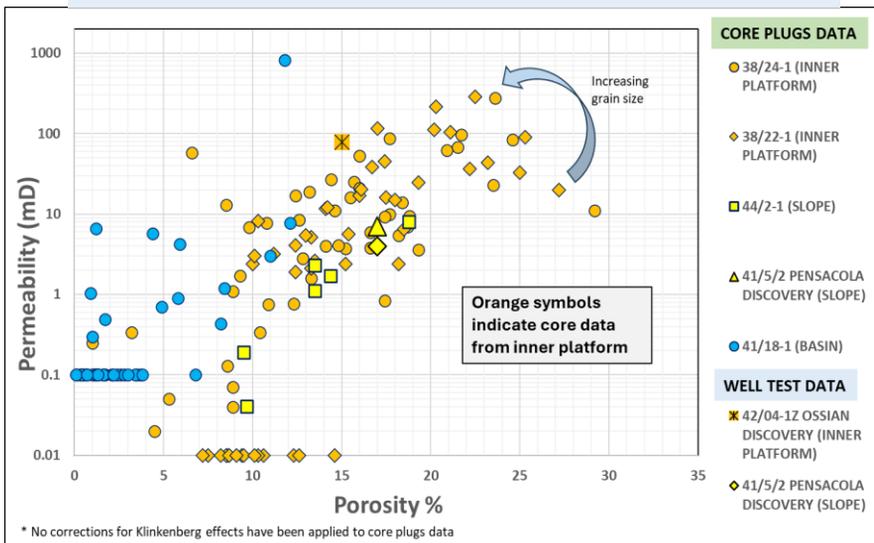
The Haupt Dolomite play of the UK MNSH has been significantly de-risked by recent drilling success. Reservoir quality is related to the presence of inner platform oolitic shoal facies with additional potential from dissolution during subaerial exposure. All the wells surrounding the licence area include high net to gross (60% to >90%) and excellent average porosity up to 22%.

Haupt Dolomite Reservoir Example – 36/13-1



- Thick Haupt Dolomite (gross: 67.5m), high net to gross in excess of 90% and excellent porosity (av.22% in net reservoir)
- Old legacy well (Arpet Petroleum, 1967) proves excellent porosity in the Haupt Dolomite and local mature Carboniferous source rocks

Porosity & Permeability – Haupt Dolomite in the MNSH region



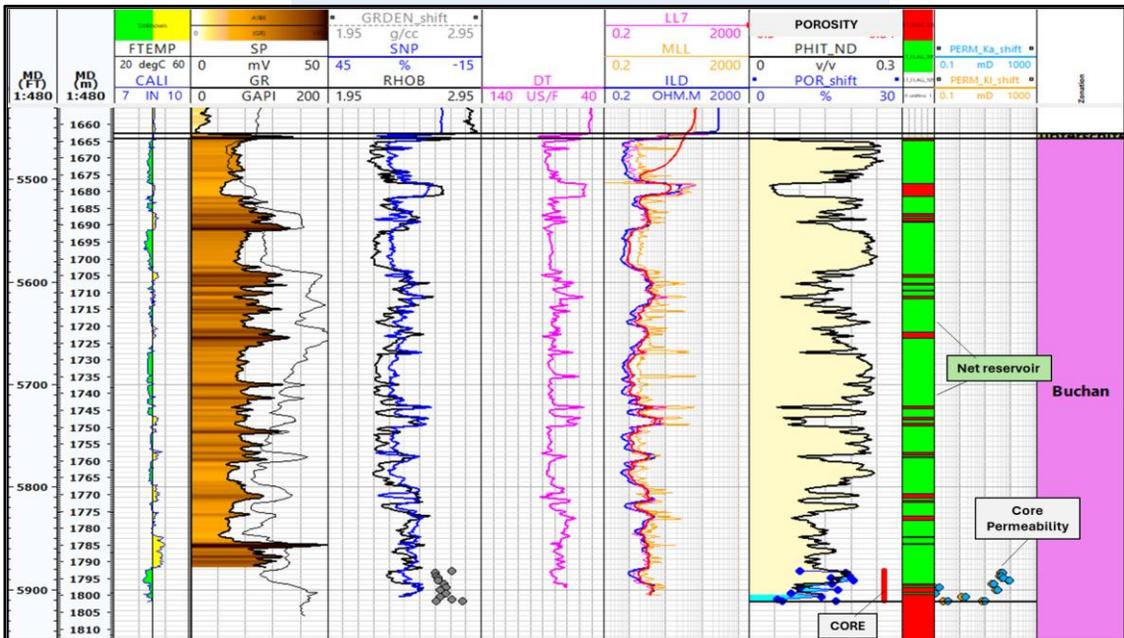
Haupt Dolomite Core Data in the MNSH

- Average permeability between 20-30 mD (max 100+ mD) in wells of the inner platform
- High effective porosity with well connected vuggy porosity
- Potential for higher quality reservoir in uppermost Haupt section (not cored) due to dissolution from meteoric diagenesis

Devonian Reservoirs

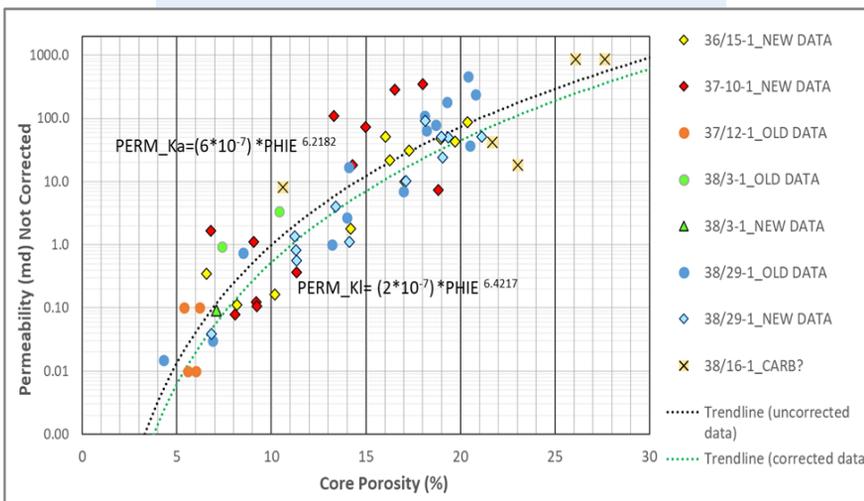
Devonian sandstones (Buchan Fm.) are the main reservoir in the Argyll Field (EUR of about 100 MMbbl of oil) with porosity up to 28% and net to gross of 50 to 95%. The available well data indicate strong similarities to the MNSH area in terms of depositional environment and diagenesis. The 36/15-1 well has good to excellent reservoir quality with a net to gross of 86% and 19% av. porosity, the nearest well to the Yarrington and Pomeroy prospects.

Devonian Reservoir Example – 36/15-1



- Thick Buchan sandstones (gross:136m)
- High net to gross of 86% (porosity cut-off 10%) and effective porosity (av.19% in net reservoir)
- High gamma ray due to radioactive minerals, no shale from core

Core porosity & permeability – Buchan Fm.



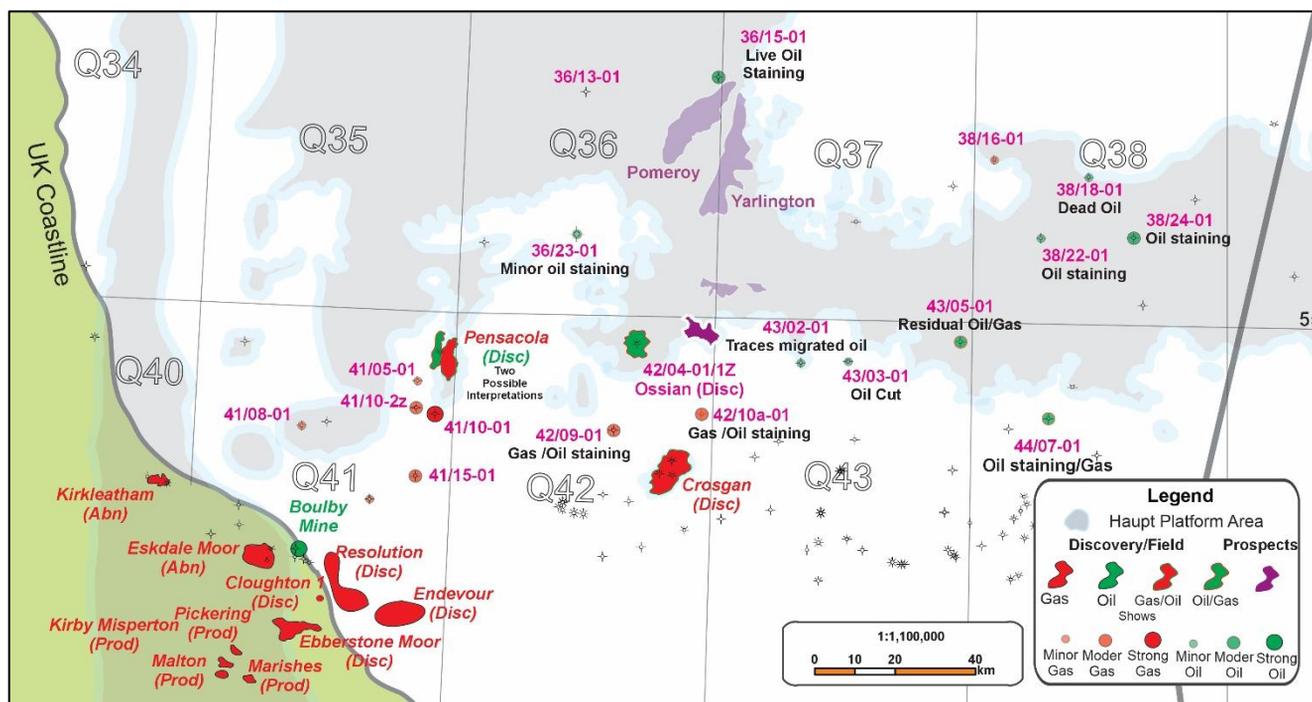
Devonian Core Data in the MNSH

Results from the latest core analyses (2025):

- Highest permeabilities in excess of 100 mD for porosity above 15%
- Absence of shale, high gamma ray due to radioactive minerals
- Estimated formation net to gross has increased significantly

Hydrocarbon Shows in the Haupt Dolomite and Source Rocks

Recent geochemical data from oil stains in the Haupt Dolomite of the 36/15-1 well indicate the presence of a mid mature live oil of likely Zechstein origin with a possible contribution from a Carboniferous source. These results highlight the potential for a prolific petroleum fairway sourcing the Yarlinton and Pomeroy prospects. There are significant hydrocarbon shows throughout the MNSH area and evidence for mature Carboniferous coals in the nearby 36/13-1 well.



The licence area is located on a large regional high which is likely to have benefited from long distance migration from the south as well as a contribution from local source rocks at peak generation prior to the Mid-Miocene.

36/13-1 Carboniferous source rocks

- Presence of coals with significant potential for oil and gas generation
- Early mature coals (av.Ro% 0.6), however significantly deeper Carboniferous sequences occur downdip of the well location
- Likely Carboniferous depocenter with mature source rocks, previously unrecognised

36/15-1 Oil Stains Analysis

- Isotope values and presence of gammacerane are consistent with a Permian source (Zechstein)
- Similar geochemical fingerprint to the Ossian oil (19 API) but potential for lighter oil as indicated by the analysis of biomarkers
- Presence of a specific biomarker associated with resin compounds in conifers suggests a contribution from a Carboniferous source

Unique Participation Opportunity

Horizon is offering this exciting participation in Licence P2568 in exchange for funding the 500 km² 3D seismic survey to be acquired in the Phase B period of 2 years commencing in June 2026.

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