

UNION JACK OIL plc

AIM: UJO

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# Biscathorpe Presentation

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December 2018



UNION JACK OIL

Production, Drilling, Development  
and Investment in the United Kingdom  
Onshore Hydrocarbon Sector

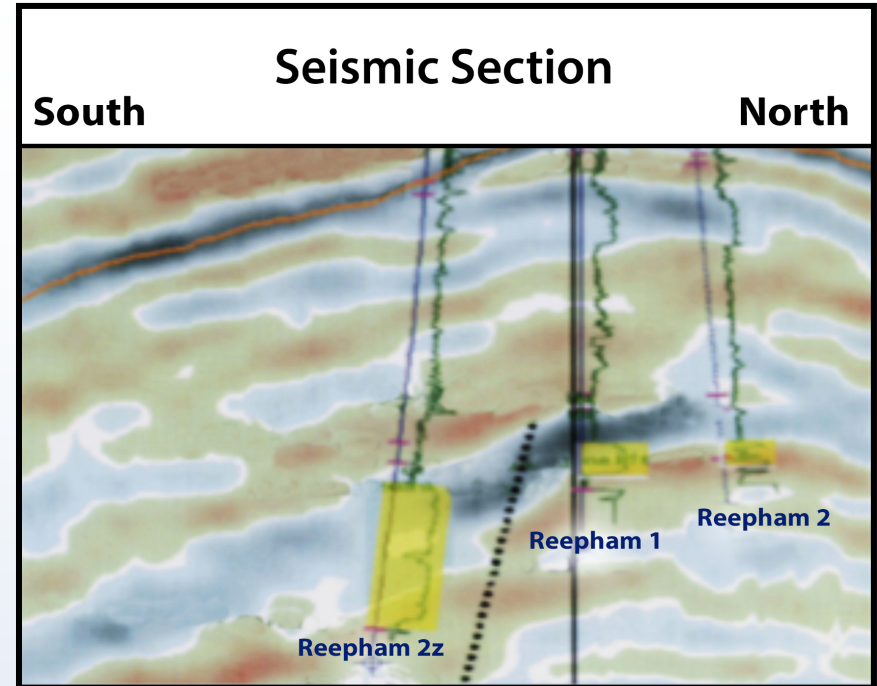
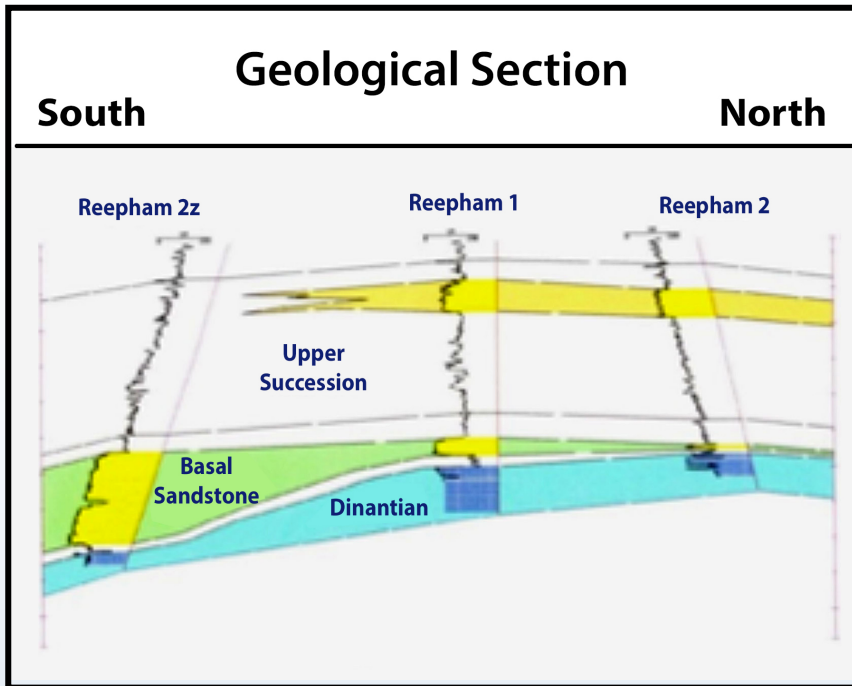
# Conventional resources – Biscathorpe Prospect



- Planning and EA permit in place
- Oil shows from 1.2m sand in 1987 BP crestal well, reservoir expected to thicken down-dip on structure in a similar fashion to nearby Reepham in a combined structural and stratigraphic trap
- High (P10) Estimate Gross Prospective Resources of 35mmbo
- Site construction almost complete
- Drilling to commence in early January 2018, COS: 40%

Volumetric Input / Output	P90	P50	P10	Mean
STOIIP (mmbo)	7.52	29.50	142.00	56.00
Prospective Resources (mmbo)	1.84	7.30	35.30	14.00

# Reepham – a good analogue for Biscathorpe?



**Note dramatic lateral thickening of “basal” sand unit over short distances,  
Not really visible directly on seismic data.**



# Biscathorpe-2 well-pad under construction



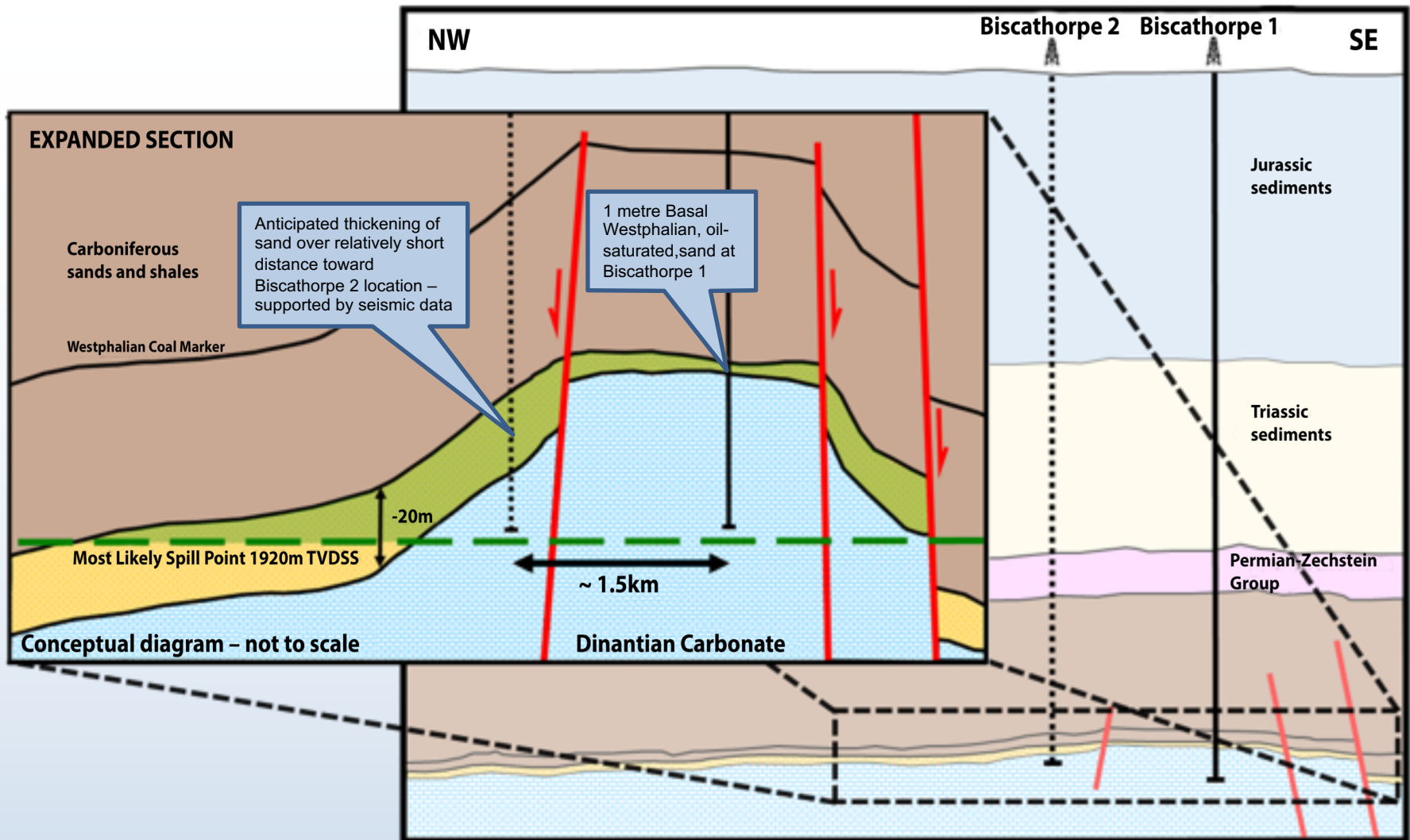


# Conventional resources – Biscathorpe-2 Prospect geology



- **Key aims to establish extent of reservoir thickening down-dip of Biscathorpe-1 beyond a small local fault**
- **Logging and subsequent testing would help establish the quality and extent of the reservoir and whether there is a stratigraphic element to the down dip trapping of oil**
- **An estimate of reserves could then also be made**

# Biscathorpe-2 – geological cartoon P50 case assuming presence of some stratigraphic trapping





# Biscathorpe Prospect – Top Dinantian Depth Map (m TVDSS)

