EUOGA Critical Screening Parameters		Source (Ref.list)	Comments
Shale Name:	Lias Gp Posidonia Equivalent		Jet Rock Mb (Cleveland Basin) Cerdic Fm (Offshore SNS)
Country:	UK		
Age (Age):	Toarcian		
Age (Epoch):	Lower Jurassic		
Basin:	Cleveland Basin, Southern North Sea		

Chance of success parameters		Source (Ref.list)	Comments
Mapping status	Moderate		
Sedimentary variability	Moderate		
Structural complexity	Moderate		
Available HC data	Moderate		
Proven source rock	Possible		
Maturity variability	Moderate		
Depth	Average		
Mineral composition	No data		

Detailed parameter list	Min	Max	Mean	Distribution	Source (Ref.list)	Comments
1. Oil mature area (km2)	1412	2009	1710	Normal	2, 3	From GIS analysis, depth and maturity cut-offs applied
2. Thickness (Toarcian, gross, m)	24	57	**43,2**		***1***	Thickness of Toarcian/Cerdic Fm
2a. Thickness (net, m)						Jet Rock Mb only 7.2m thick
2b. Net/Gross (%)						
3. Depth (m)	1000	1871	**1171**			Depth to Upper Jurassic. Depth and maturity cut-offs applied. From GIS raster histogram.
4. Density (g/cm3)						
5. TOC (%)	2	12,4	**8,08**		***1***	StDev = 2.32
6. Porosity (%)						
7. Maturity (%VR) or graptolite equivalent					***1***	Tmax 425-440 - Early Oil Mature (HypoLias) IGI DB shows 0.5-1.2 (undiff Lias Gp)
8. Reservoir pressure (psi)						no data
9. Reservoir Temperature (°C)						no data
10. Gas saturation (%)(Sg)						no data
11. Oil Saturation (%) So)						no data
12. Gas generation mgHC/g TOC (Hydrogen index)	0	668			***1***	Min-max estimated from published charts
13. Kerogen type			**Type II**		***1***	
14. Sorption capacity VReq. - 1,9 % (mmol/g)						no data
15. Matrix permeability (nDarcy)						no data
16. Adsorbed gas storage capacity (scf/ton)						no data
17. Compressibility factor (z)						no data
18a. Bg - Gas formation volume factor						no data
18b. Bo - Oil formation volume factor						no data
19. Langmuir Pressure (pL, psi)						no data
20. Langmuir Volume (nL, scf/ton)						no data
21. Bulk mineral constituents XRD						
21a Total Clay content (%)						no data
Content of smectite						no data
Content of Illite & Mica						no data
Content of Kaolinite						no data
21b Quartz-feldspars content (%)						no data
*21c C*arbonate content (%)						no data

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