

Economics\_Base

Undiscounted Economics Summary (without Decommision Cost)

Platform Subsea Subsea

Assumed Development Cost Platform £ 5.00 million per well Subsea £ 25.00 million per well

Capital Expendinture Cos	st Breakdo	wn (million	)																													
Year	20		2024	2025	2026	202	7	2028	2029	2030	2031	203	2	2033	2034	2035	2036	20	37	2038	2039	2040	2041	2042	2043	204	14 2045	2046	2047	7 2048	204	19 2050
T-Field 1 Drilling Capex	£ -	£	- £	- £	-	£ -	£	- £	10.00 £	-	£ -	£ -	£	- £	-	£ -	£ -	£ -	£	- £	-	£ - i	-	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -
T-Field 2 Drilling Capex	£ -	£	- £	- £	-	£ -	£	- £	- £	-	£ -	£ -	£	- £	-	£ -	£ -	£ -	£	- £	-	£ - i	-	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -
T-Field 3 Drilling Capex	£ -	£	- £	50.00 £	-	£ -	£	- £	- £	-	£ -	£ -	£	- £	-	£ -	£ -	£ -	£	- £	-	£ - i	-	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -
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Opex per barrel £ 26.05 per barrel UK North Sea Oil Platfrom Average (2019) https://www.energyvoice.com/oilandgas/north-sea/206442/north-sea-costs-on-the-rise-report-says/ Year T-Field 1 Opex 
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 T-Field 2 Opex T-Field 3 Opex 30.12 39.70 32.54 26.51 21.90 30.03 22.82 17.86 14.35 11.78 9.86 8.29 5.63 5.02 4.00

**Brent Crude Forecast (2023 to 2025 available)** USD 93.33 USD 87.42 USD 93.45 USD 95.45 USD 95.4 https://sproule.com/price-forecast/ assumes to drop by about \$3 per annum after 2025

	<b>Key assumptions</b>				Sensitivity	
	Fx USD/GBP (02/08/22)	0.86847	https://www.forbes.com/advisor/money-transfer/currency-converter/usd-gbp/		Low	High
Present value (estimate)	Total Decomm (mil.)	£ 500	Based on rough estimate from peersonal experience and publicly available information such as https://www.nstauthority.co.uk/media/8321/decom_cost-estimate-2022_020822_final_v3.pdf	Oil Price multiplier	-30%	30%
	Tax rate*	15%	Tax rate is based on combination of corporation tax (CT), Petroleum Revenue Tax (PRT) and Suplementary Charges (SC).	Discount rate	0%	15%
	Discount factor	10%	Tax rate is complicated because most firms have backlog of tax refund	Decomm multiplier	-50%	50%
		<u>.</u>	Firms are allowed to deduct investment such as sustainable cost from pre-tax profit as part of government drive to increase investment in the North Sea.	Opex per barrel mult	-50%	50%
			Rough estimate of WACC from a weighted average of cost of debt (from bond yield) and cost of equity (i.e. CAPM) of a anonymised operator in the north sea.	Dev Cost multiplier	-50%	50%
			Assumes opex and future development costs are 100% financed with retained earnings and not debt.	Fx USD/GBP	1.04	0.72
			Assumes decommission would commence when revenue can no longer cover operating cost (negative gross profit)	Tax Rate	0%	30%
			Decommision cost is equally divided between the number of years after cease of operation till 2050			

Ondiscounted Economics	Summary (Without Decon	minision cost,																											
	Total (million)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Revenue	806.16	111.08	87.77	109.06	86.18	67.60	53.70	70.64	51.45	38.50	29.51	23.08	18.33	14.60	11.18	8.81	7.36	6.12	5.07	3.56	2.55	2.10	1.71	1.37	1.08	0.84	0.63	0.45	0.30
Opex	(332.76)	-35.71	-30.12	-39.70	-32.54	-26.51	-21.90	-30.03	-22.82	-17.86	-14.35	-11.78	-9.86	-8.29	-6.72	-5.63	-5.02	-4.48	-4.00	-3.04	-2.38	-2.16	-1.95	-1.77	-1.60	-1.45	-1.31	-1.19	-1.07
Gross Profit	473.41	75.38	57.65	69.36	53.64	41.09	31.79	40.62	28.63	20.64	15.16	11.29	8.47	6.31	4.45	3.18	2.34	1.64	1.07	0.52	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developmental Cost	(60.00)	0.00	0.00	-50.00	0.00	0.00	0.00	-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pre-tax Profit	413.41	75.38	57.65	19.36	53.64	41.09	31.79	30.62	28.63	20.64	15.16	11.29	8.47	6.31	4.45	3.18	2.34	1.64	1.07	0.52	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
After-tax Cashflow	351.40	64.07	49.00	16.46	45.59	34.93	27.02	26.02	24.33	17.55	12.89	9.60	7.20	5.36	3.79	2.70	1.99	1.40	0.91	0.44	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Discounted Economics Sur	mmary (2022 as base year)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
	Total (million)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Revenue	503.41	100.98	72.53	81.94	58.86	41.98	30.31	36.25	24.00	16.33	11.38	8.09	5.84	4.23	2.94	2.11	1.60	1.21	0.91	0.58	0.38	0.28	0.21	0.15	0.11	0.08	0.05	0.03	0.02
Орех	(195.03)	-32.46	-24.89	-29.83	-22.22	-16.46	-12.36	-15.41	-10.65	-7.58	-5.53	-4.13	-3.14	-2.40	-1.77	-1.35	-1.09	-0.89	-0.72	-0.50	-0.35	-0.29	-0.24	-0.20	-0.16	-0.13	-0.11	-0.09	-0.07
Gross Profit	308.73	68.53	47.64	52.11	36.64	25.52	17.95	20.84	13.35	8.75	5.85	3.96	2.70	1.83	1.17	0.76	0.51	0.33	0.19	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developmental Cost	(42.70)	0.00	0.00	-37.57	0.00	0.00	0.00	-5.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pre-tax Cashflow	266.04	68.53	47.64	14.55	36.64	25.52	17.95	15.71	13.35	8.75	5.85	3.96	2.70	1.83	1.17	0.76	0.51	0.33	0.19	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
After-tax Cashflow	226.13	58.25	40.50	12.37	31.14	21.69	15.25	13.35	11.35	7.44	4.97	3.36	2.30	1.55	1.00	0.65	0.43	0.28	0.16	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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