

Newfoundland and Labrador Current and Future Production

Hibernia

HIBERNIA FIELD

- Operator: ExxonMobil
- Water depth: 80 m
- Oil Reserves: 1.812 Bbbl
- Gas Resources: 2.343 TCF
- First Oil: November 1997
- Total Production to Jan 1-Dec 31, 2022: 27.34 Mbbl
- Cumulative Production to December 31, 2022: 1.24 BBL



Photo: Courtesy of HMDC

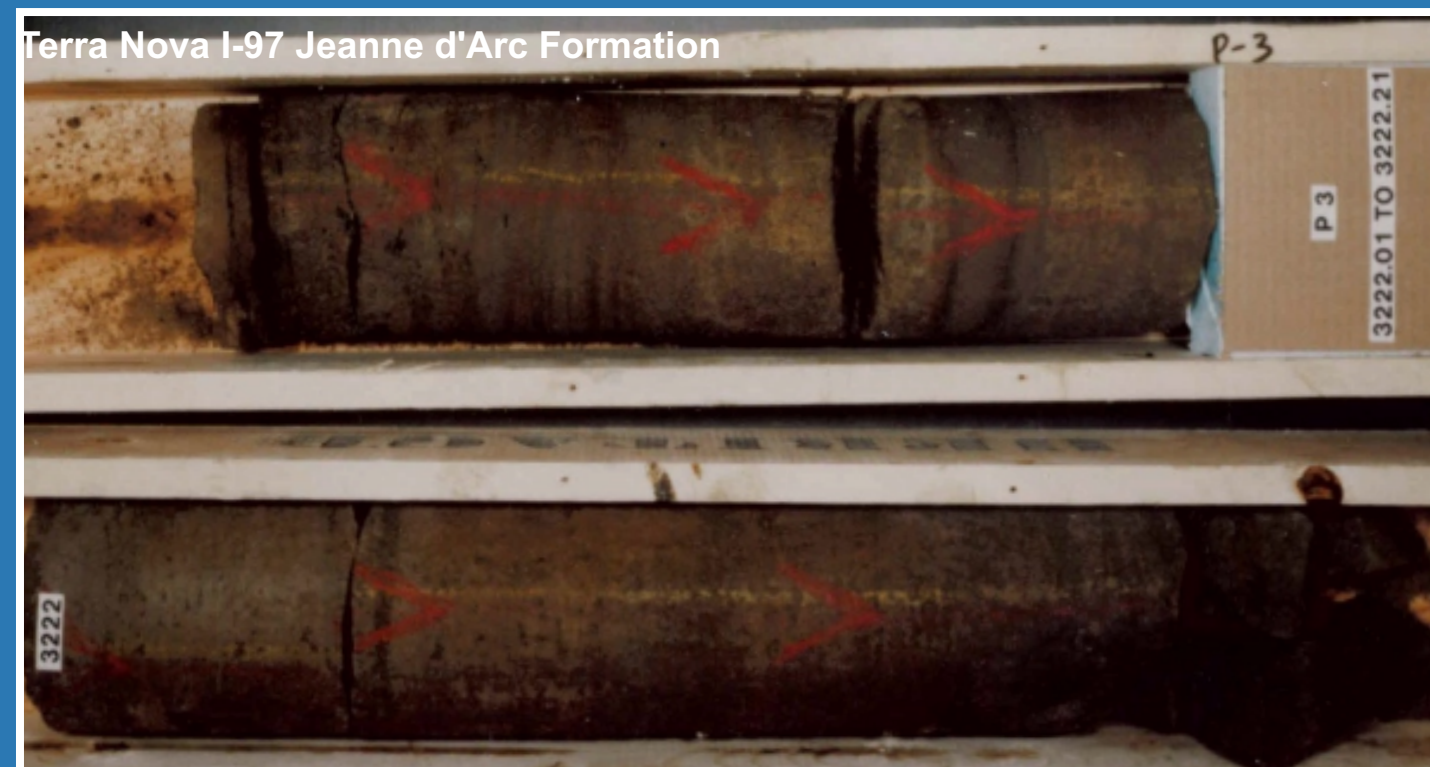
Formation	Jeanne d'Arc *	Hibernia	Catalina	Avalon/Ben Nevis
Depth to Reservoir (m)	4125	3750	3235	2350
Net Pay (m)	13	41	15	23
Porosity (%)	9	16	15	20
Permeability (md)	8	640	75	148
Oil Gravity (API)	33	30 to 40	32.5	29 to 33

* Reservoirs have not been placed on production.

Terra Nova

TERRA NOVA FIELD

- Operator: Suncor
- Water depth: 93 m
- Oil Reserves: 506 Mbbl
- Gas Resources: 0.064 TCF
- First Oil: January 2002
- Total Production Jan 1-Dec 31, 2022: 0 Mbbl
- Cumulative Production to December 31, 2021: 425.04 Mbbl
- Currently in refit, expected to resume production in early 2023

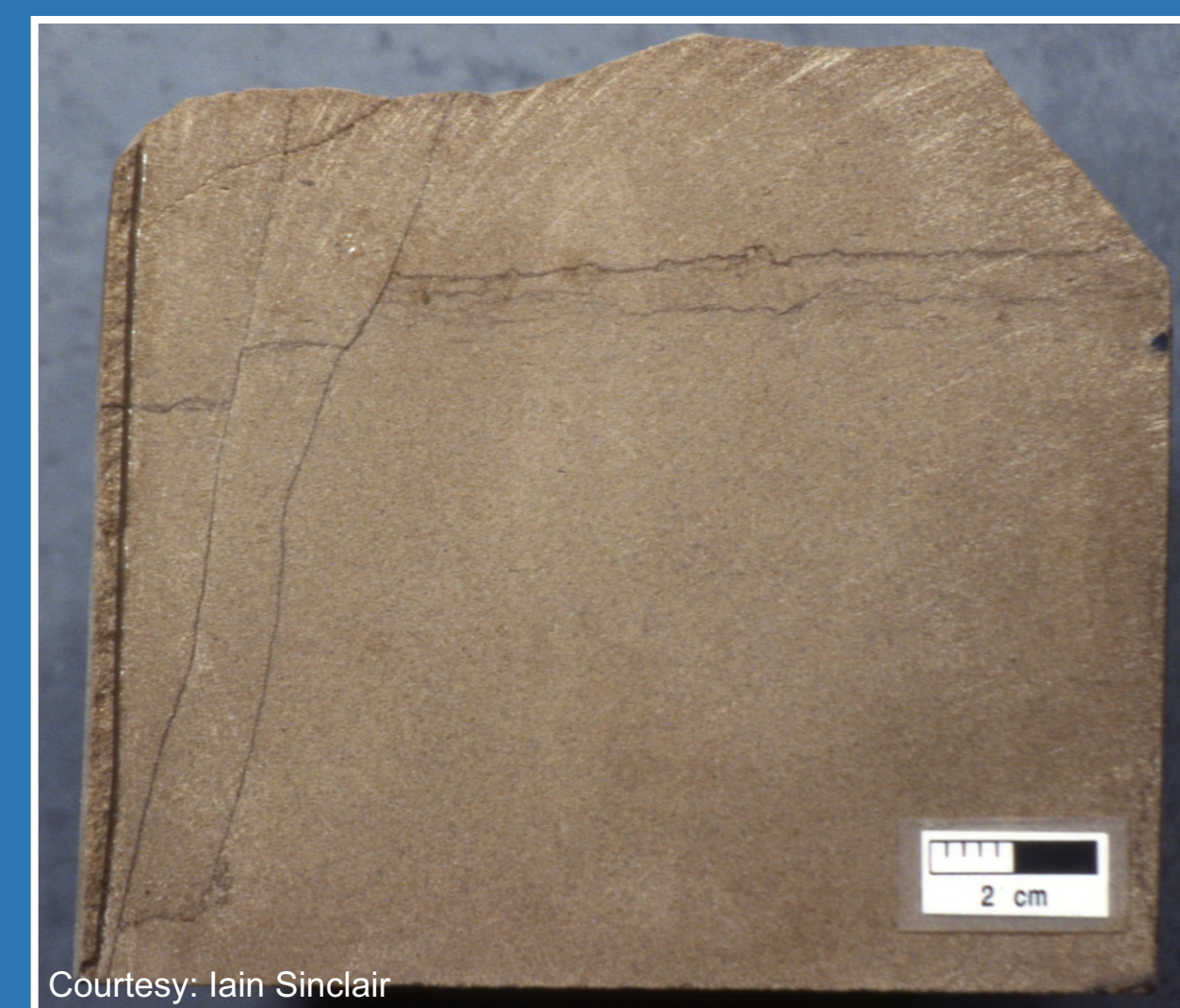


Formation	Jeanne d'Arc, Terra Nova Mbr.	Jeanne d'Arc, Beothuk
Depth to Reservoir (m)	3350	3250
Net Pay (m)	36	8
Porosity (%)	17	17
Permeability (md)	950	1330
Oil Gravity (API)	34	34

White Rose

WHITE ROSE FIELD

- Operator: Husky Energy
- Water depth: 119 m
- Oil Reserves: 436 Mbbl
- Gas Resources: 1.8 TCF
- First Oil: November 2005
- Total Production Jan 1-Dec 31, 2022 5.11 Mbbl
- Cumulative Production to December 31, 2022: 264.38 Mbbl



Courtesy: Iain Sinclair

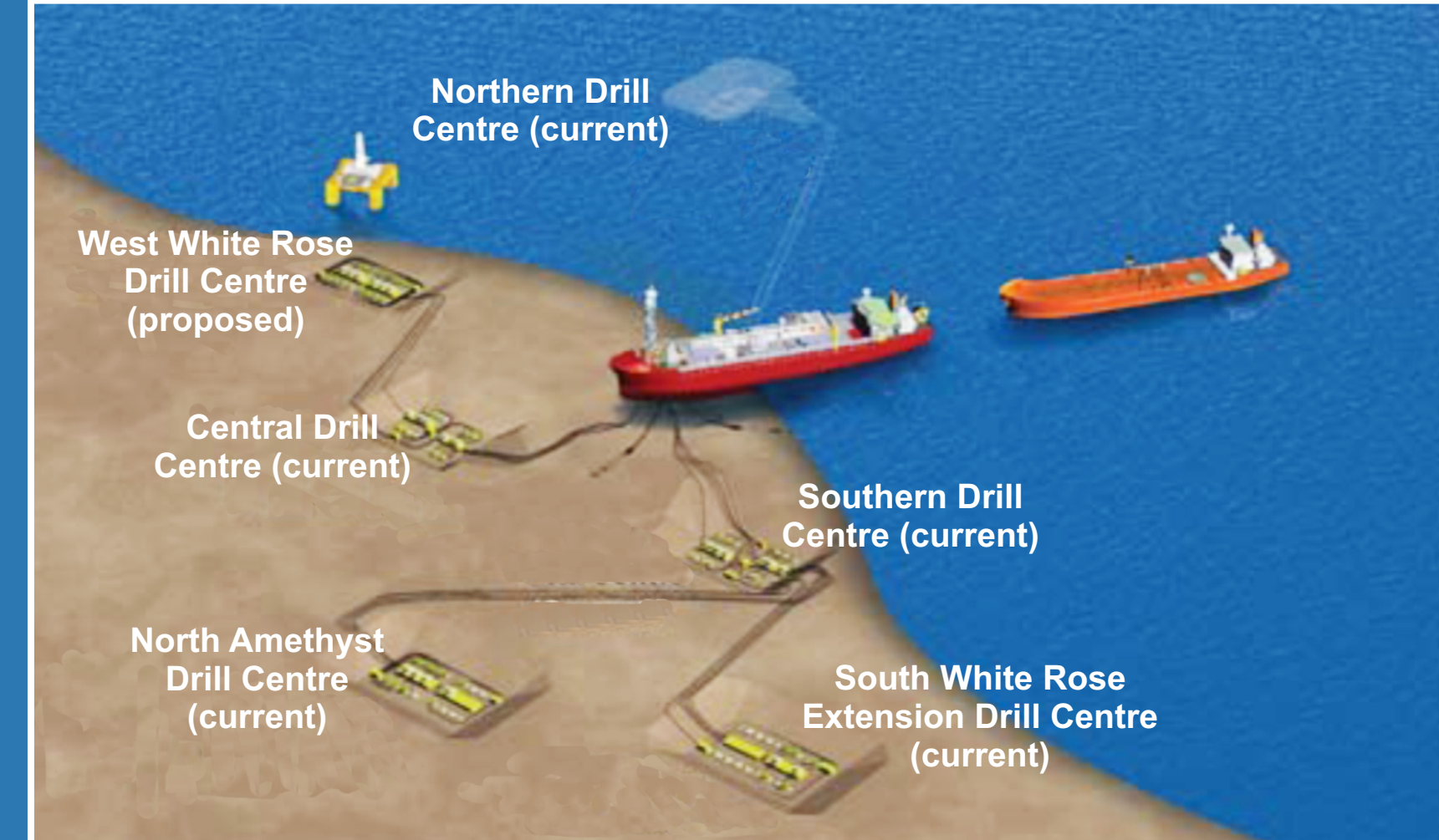
Formation	Jeanne d'Arc*	Hibernia*	Avalon/Ben Nevis
Depth to Reservoir (m)	3810	3620	3010
Net Pay (m)	8	8	23 to 87
Porosity (%)	12	15	15
Permeability (md)	3	7	56
Oil Gravity (API)	33	33	31

* Reservoirs have not been placed on production.

North Amethyst

NORTH AMETHYST FIELD

- Operator: Husky Energy
- Water depth: 119 m
- Oil Reserves: 70 Mbbl
- Gas Resources: 0.816 TCF
- First Oil: May 2010
- Total Production Jan 1-Dec 31, 2022 1.51 Mbbl
- Cumulative Production to December 31, 2022: 59.05 Mbbl



Formation	Avalon/Ben Nevis	Jeanne d'Arc, Beothuk Mbr.
Depth to Reservoir (m)	2335	3250
Net Pay (m)	35	8
Porosity (%)	23	17
Permeability (md)	340	1330
Oil Gravity (API)	30	34

Hebron

HEBRON FIELD

- Operator: ExxonMobil
- Water depth: 93 m
- Oil Reserves: 707 Mbbls
- First Oil: November 2017
- Total Production Jan 1-Dec 31, 2022 50.30 Mbbl
- Cumulative Production to December 31, 2022: 216.56 Mbbl



Formation	Jeanne d'Arc**	Hibernia**	Avalon/Ben Nevis**
Depth to Reservoir (m)	3813	3200	1850
Net Pay (m)	50	70	50
Porosity (%)	9 to 14	13 to 18	10 to 28
Permeability (md)	20 to 100	260 to 2800	50 to 400
Oil Gravity (API)	24 to 37	25 to 36	17 to 31

** Reservoirs have not been placed on production.

** Multiple pools in distinct fields.

Natural Gas

Discovered Gas Resources
Grand Banks - TCF

White Rose + North Amethyst	3.116
Hibernia	2.353
Ballicatters	1.143
North Dana	0.472
Other	1.043
Total	8.127



Discovered Gas Resources
Labrador Shelf - TCF

North Bjarni	2.247
Gudrid	0.924
Bjarni	0.862
Hopedale	0.105
Snorri	0.105
Total	4.244

Calgary

London

St. John's

Houston

Newfoundland
&
Labrador