

TC Energy Liquids Pipelines

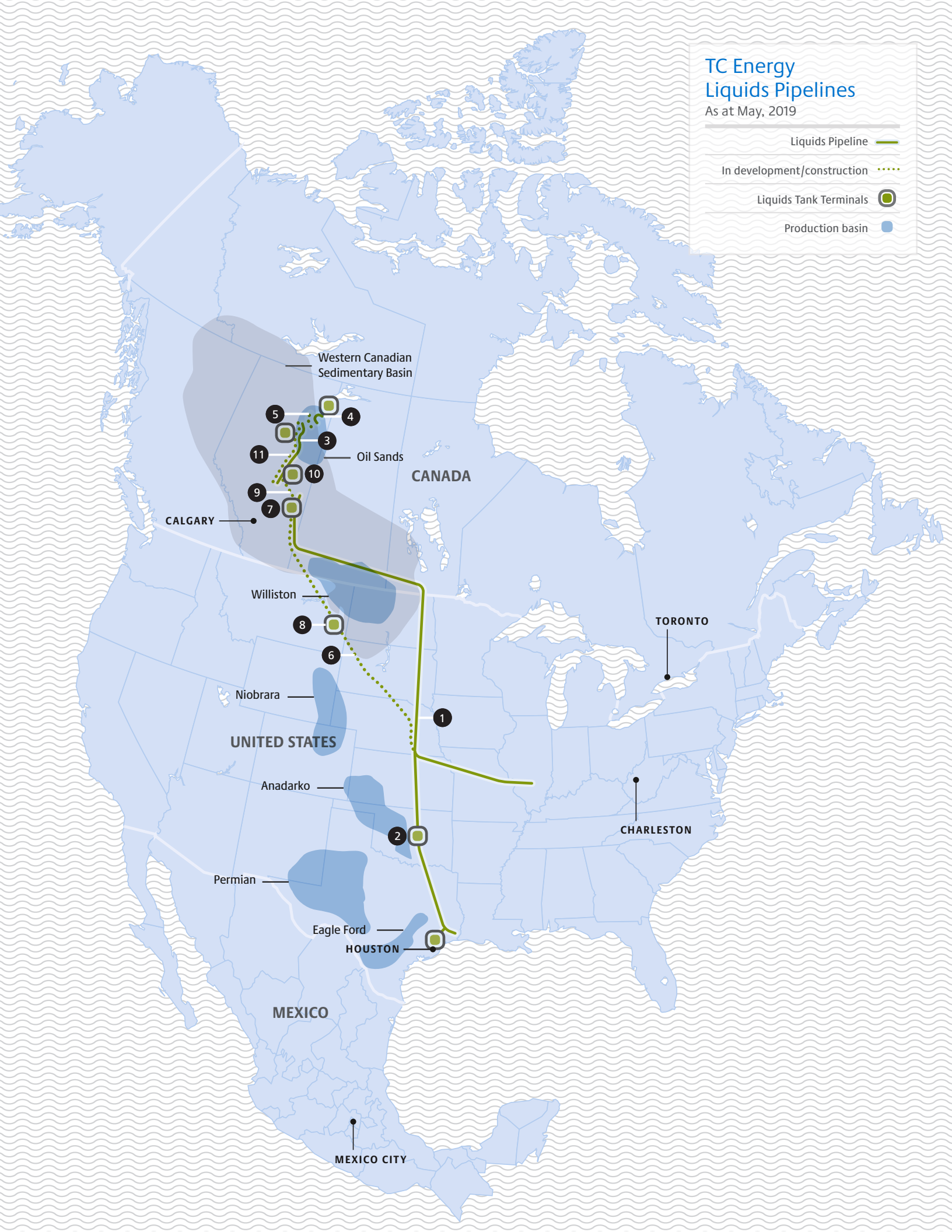
As at May, 2019

Liquids Pipeline ———

In development/construction

Liquids Tank Terminals (circle with square)

Production basin (blue shaded area)














TC Energy – Liquids Pipelines

As at May, 2019

Liquids Pipelines

We are the operator and developer of the following pipelines and properties.

		Length	Description	Ownership
Liquids Pipelines				
1	Keystone Pipeline System	 4,324 km (2,687 miles)	Transports crude oil from Hardisty, Alberta, to U.S. markets at Wood River and Patoka, Illinois; Cushing, Oklahoma; and the U.S. Gulf Coast.	100%
2	Marketlink		Transports crude oil from Cushing, Oklahoma to the U.S. Gulf Coast on facilities that form part of the Keystone Pipeline System.	100%
3	Grand Rapids	 460 km (287 miles)	Transports crude oil from the producing area northwest of Fort McMurray, Alberta to the Edmonton/Heartland, Alberta market region.	50%
4	Northern Courier	 90 km (56 miles)	Transports bitumen and diluent between the Fort Hills mine site and Suncor Energy's terminal located north of Fort McMurray, Alberta.	100%
Under construction				
5	White Spruce	 72 km (45 miles)	To transport crude oil from the Canadian Natural Resources Limited's Horizon facility in northeast Alberta into the Grand Rapids pipeline.	100%
In development				
6	Keystone XL	 1,947 km (1,210 miles)	To transport crude oil from Hardisty, Alberta to Steele City, Nebraska to expand capacity of the Keystone Pipeline System.	100%
7	Keystone Hardisty Terminal		Crude oil terminal located at Hardisty, Alberta.	100%
8	Bakken Marketlink		To transport crude oil from the Williston Basin producing region in North Dakota and Montana to Cushing, Oklahoma and the U.S. Gulf Coast on facilities that form part of the Keystone Pipeline System.	100%
9	Heartland Pipeline and	 200 km (125 miles)	Terminal and pipeline facilities to transport crude oil from the Edmonton/Heartland, Alberta region to Hardisty, Alberta.	100%
10	TC Terminals			
11	Grand Rapids Phase II	 460 km (286 miles)	Expansion of Grand Rapids to transport additional crude oil from the producing area northwest of Fort McMurray, Alberta to the Edmonton/Heartland, Alberta market region.	50%