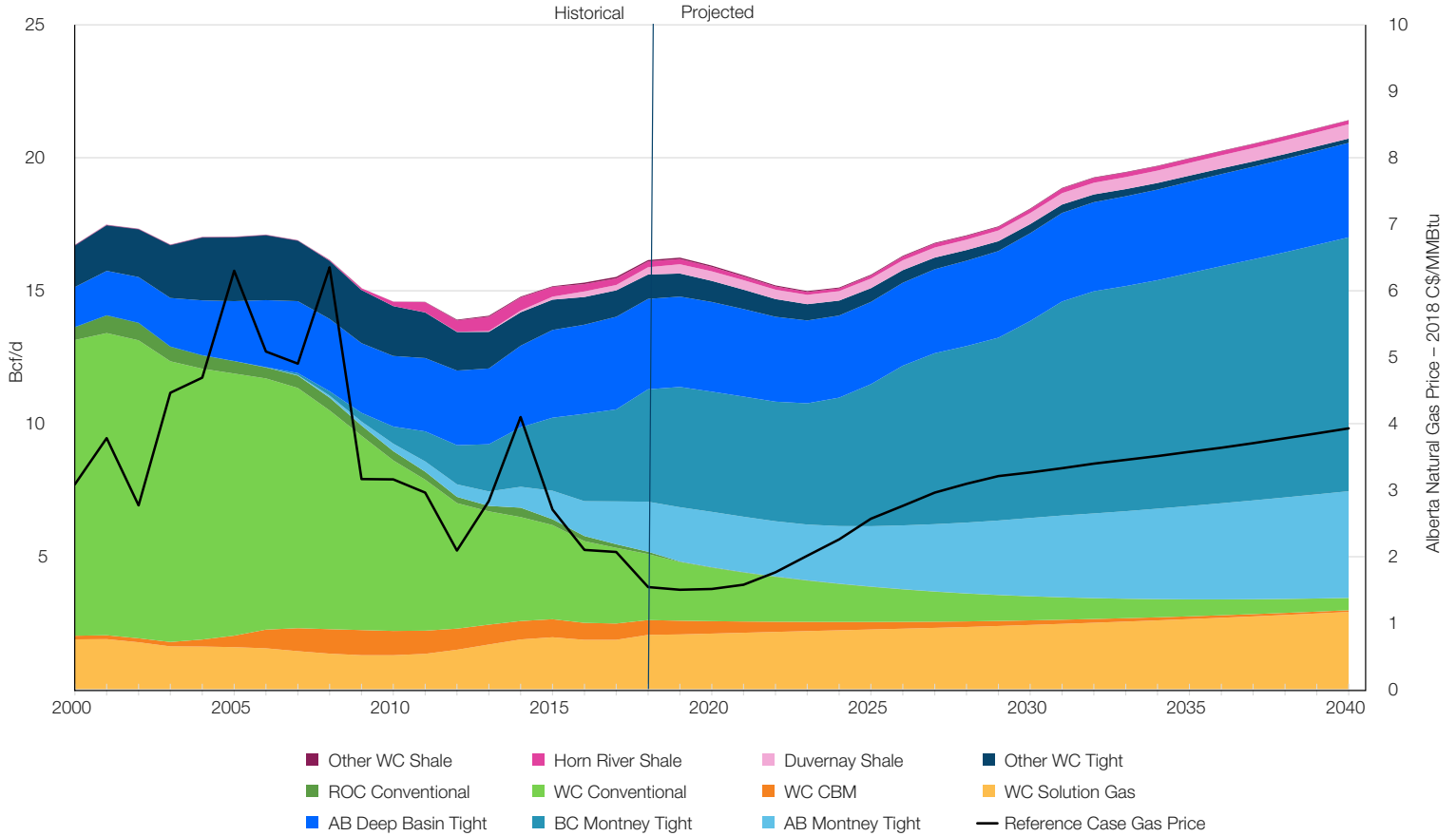




# Natural Gas Production

## Canada's Energy Future 2019

### Marketable Natural Gas Production Projection - Canada

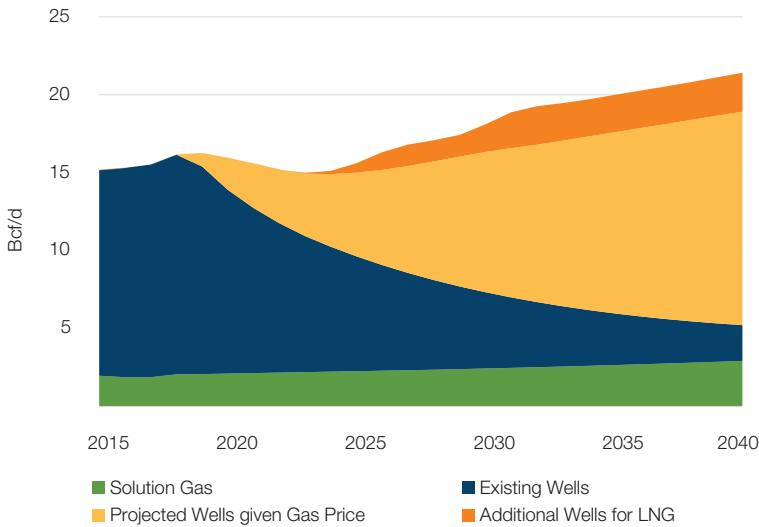
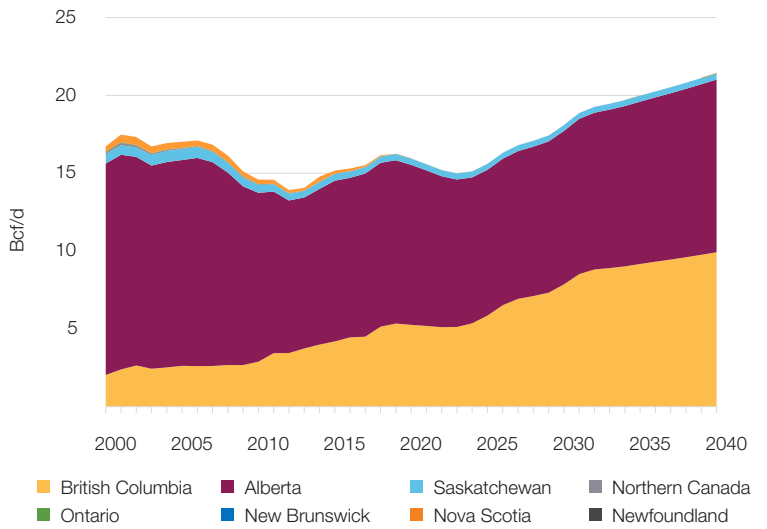


Production declines in the short-term given continued low prices, then increases in the long term as gas prices rise. Tight gas continues to have an increasing share of production, while conventional production continues declining. Solution gas increases with conventional oil production.

	2010	2015	2020	2025	2030	2035	2040
<b>Canadian Gas Production, marketable Bcf/d</b>	<b>14.6</b>	<b>15.2</b>	<b>15.9</b>	<b>15.6</b>	<b>18.1</b>	<b>20.0</b>	<b>21.4</b>
Conventional	6.8	3.8	2.0	1.3	0.9	0.6	0.5
Montney Tight	0.9	3.8	6.6	7.6	10.3	12.3	13.6
Alberta Deep Basin Tight	2.7	3.3	3.4	3.1	3.3	3.4	3.6
Solution Gas	1.3	2.0	2.1	2.3	2.4	2.7	2.9
Other	3.0	2.3	1.8	1.3	1.1	1.0	0.9
AB Reference Gas Price, 2018 C\$/mmBtu	\$3.16	\$2.71	\$1.51	\$2.57	\$3.27	\$3.58	\$3.93
Gas Wells, average per year	9 146	2 044	695	1 192	1 589	1 419	1 444
Gas Drill Days, average per year	66 411	48 052	18 935	31 732	41 852	37 168	37 815
Average Drill Days per Well	7.3	23.5	27.2	26.6	26.3	26.2	26.2
Average Initial Production Rate per Well, mmcf/d	0.98	2.10	2.80	3.10	2.91	3.00	3.00

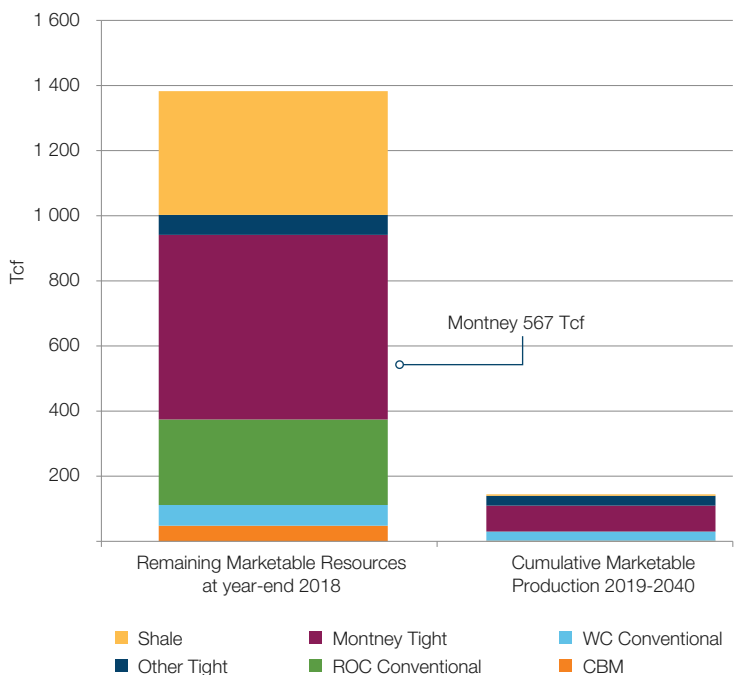
## Marketable Natural Gas Production by Area

Alberta continues to be the largest producer, while B.C. continues to have the strongest growth



## Western Canadian Marketable Natural Gas Production by Well Vintage

In the longer term, production from new wells outpaces production declines from existing wells, along with production for LNG



## Natural Gas Resources in Canada VS. Cumulative Production from 2019-2040

Only 10% of resources are produced over the projection