

# NORTH SLOPE RENAISSANCE: Taking Shape

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## But First – Safety: Making the Next Step-Change



**Advancing Our Culture: Focus On Learning** 

## Greater Mooses Tooth 2 First Oil in 2021; Nuna in 2022

#### **GMT2 KEY STATISTICS**

- 35,000-40,000 BOPD\*
- Up to 48 wells
- ~\$1+ billion gross capex
- ~700 winter construction jobs
- First oil planned late 2021

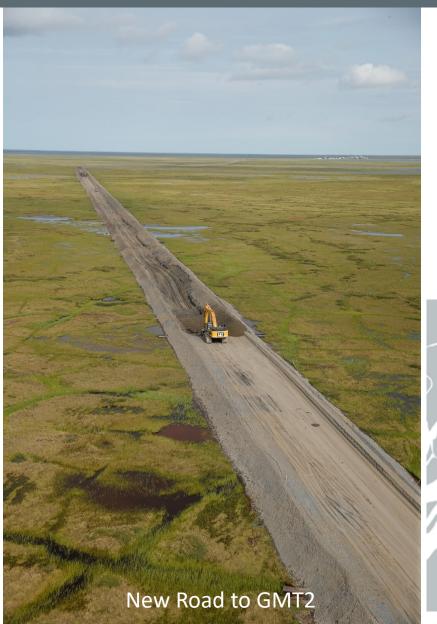
#### **SCHEDULE**

#### 2020

- Pipeline installation
- Complete module and fabrication
- Begin heavy haul

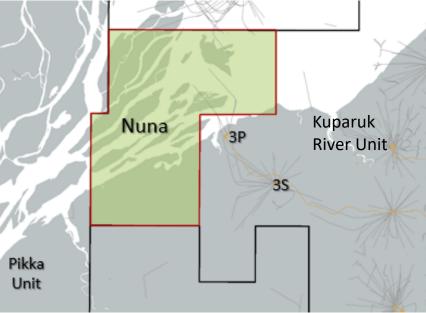
#### 2021

- Finish pipeline installation
- Install production facilities
- Drilling begins
- Commission and startup



#### **NUNA KEY STATISTICS**

- Purchased from Caelus
- Expanded the Kuparuk River Unit; plan to process through existing Kuparuk facilities
- Utilizing existing drill sites
- ~400 winter construction jobs over a single winter construction season
- First oil planned 2022



## Progressing Drilling Technology

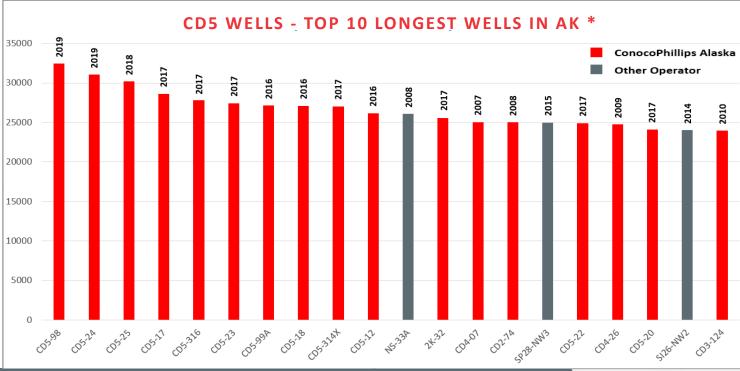
#### **Coiled tubing drilling record well in West Sak**

- Drilled longest CTD well to date, 8,183 feet
- A first application of CTD in West Sak



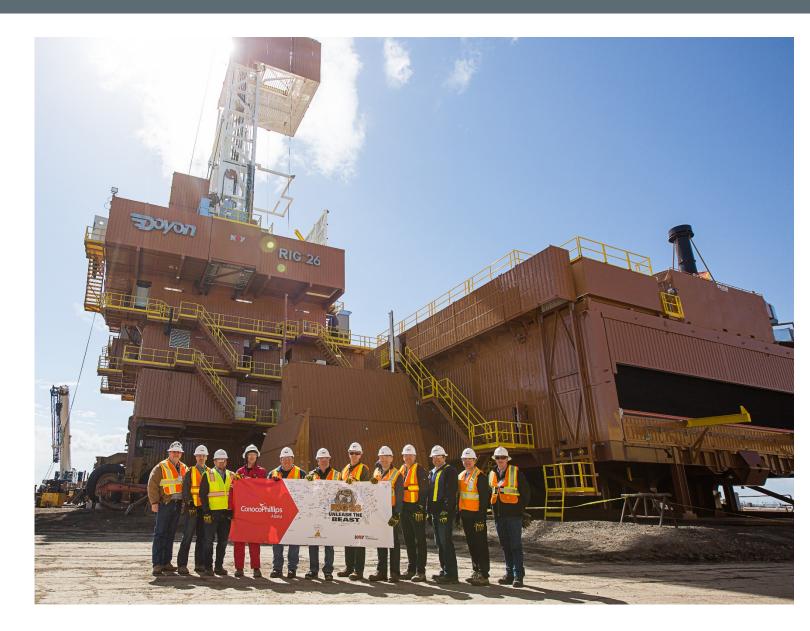
# Onshore North American rotary record for combined footage on two laterals

- In July, CD5-98 record well
  - Total combined footage for a well and laterals 47,828 feet, onshore North American record
  - Longest single well 32,468 feet, Alaska record
- CD5-25 longest lateral onshore North American record, 21,748 feet, May 2018
- The top 10 longest wells in Alaska were drilled at CD5

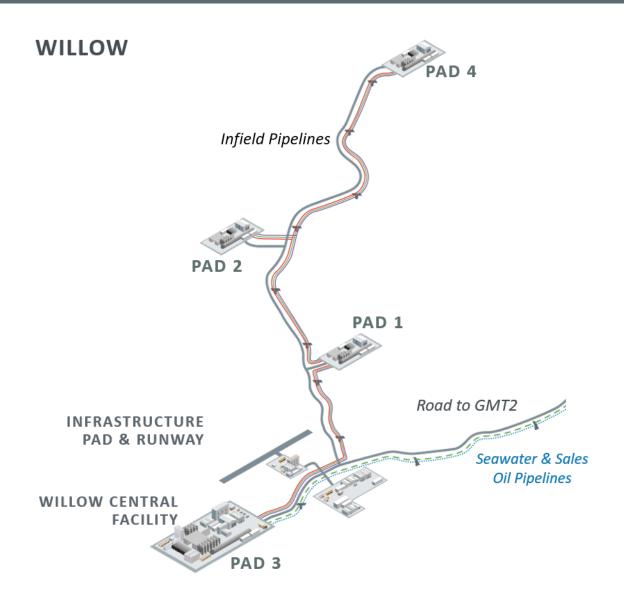


## Extended Reach Drilling Rig - Largest Mobile Land Rig in North America

- 9.5 million pounds
- Announced 2016 arrives at the North Slope 4Q 2019 from Nisku, Canada, in 267 truck loads
- Begins drilling Fiord West in the Colville River Unit 2Q 2020 - Est.
   20,000 BOPD gross at peak
- Extends ability to access resources and minimize footprint
- From a 12-acre pad, able to develop 154 sq. miles of reservoir versus 55 sq. miles today



## Willow Update



Note: not to scale

#### WILLOW DESCRIPTION

- Location: 30 miles west of Alpine
- **NEW Resource Estimate:** 450-800 MMBOE gross
- Estimated cost: \$4B \$6B gross
- Jobs: 2,000+ construction jobs, and 300 permanent positions
- Production: Est. peak rate greater than 100,000 BOPD gross; first oil 2025/26
- **NEW 2019 Horizontal Well Tests:** Exceeded expectations with test rates >2500 BOPD
- New Revenue: Significant revenue for the State, North Slope Borough and federal government. BLM est. \$10B over the life of the project.

#### **DRAFT EIS**

- Draft EIS published August 29; public comment period closed
   October 29
- NEW: Addressing stakeholder concern by proposing an option to transport modules overland rather than from a new offshore gravel island.

## Exploration - 2020+ Program Focuses on Remaining Potential

#### LATE 2018-2019 EXPLORATION RECAP

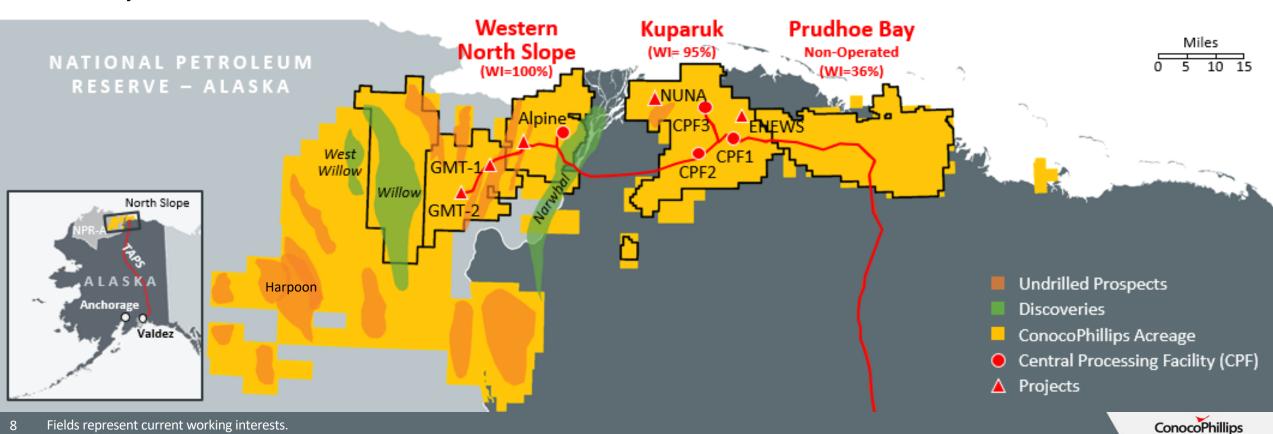
- Eight wells
- Eight well tests
- Two rigs
- 54 miles of ice roads (147 miles total for all work)
- ~400 jobs

75%

of Prospect Inventory
Untested

#### **2020 EXPLORATION PLANS**

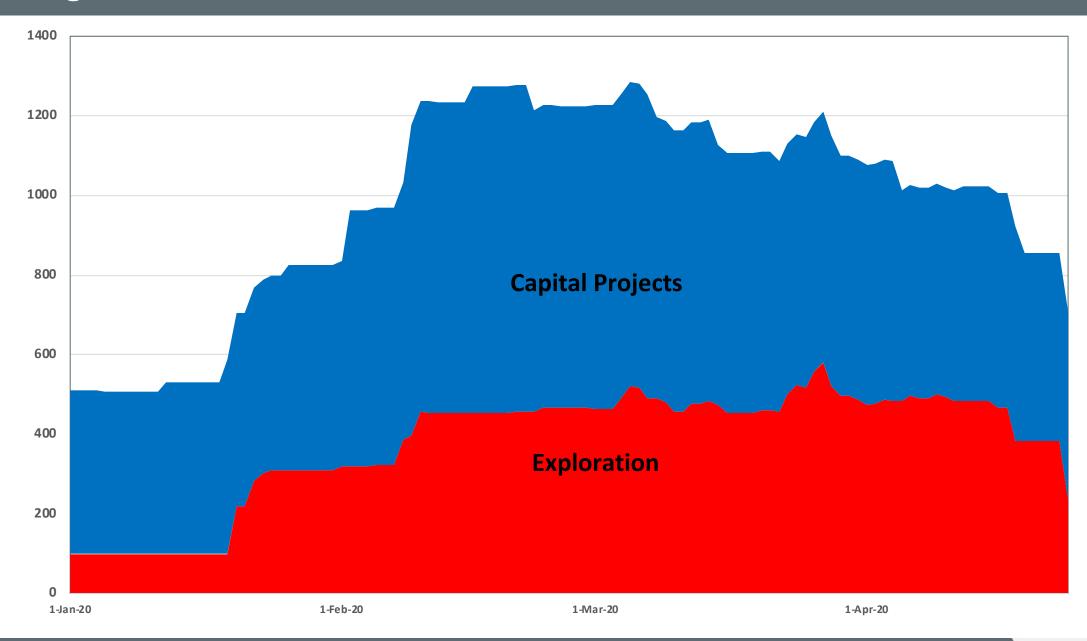
- Plan up to seven wells
- Production tests
- ~74 miles of ice roads for exploration, 165 miles total



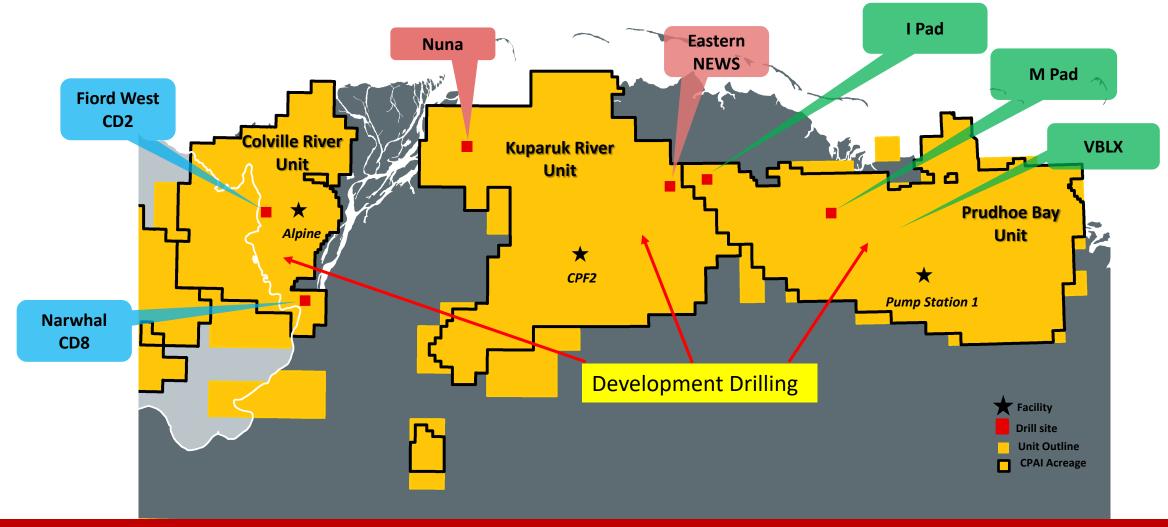
## Winter 2019 Exploration/Appraisal Season—From the Air



## Putting Alaskans to Work – Winter 2020 Workforce

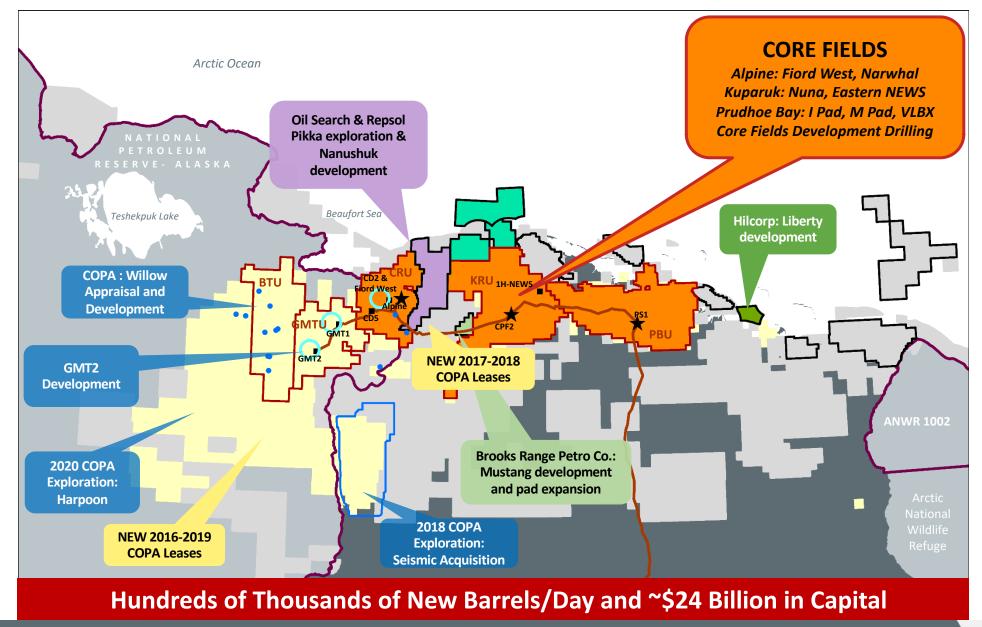


## Investing in Core Fields: Prudhoe, Kuparuk River, Colville River (Alpine)



Prudhoe Bay, Kuparuk River and Colville River Units thru 2029 (estimated\*): \$11B capital 380 MM Bbls produced peaking at ~150,000 BOPD

## North Slope Renaissance – Updated

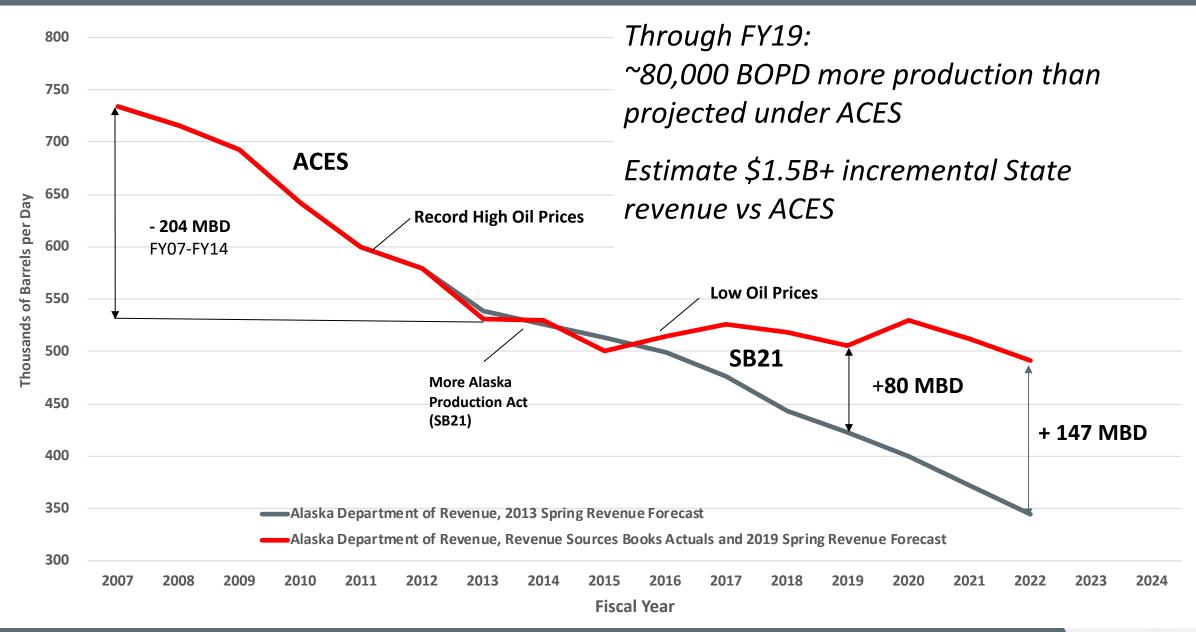


### Tax Initiative – A Serious Threat to Future Investment

- Initiative makes key changes to SB21
- Significant production tax increase on Prudhoe Bay, Kuparuk River and Colville River Units – targeting \$1B+/year increased take
- Puts planned investment for drilling and new field development in targeted units at risk – Nuna, Eastern NEWS, I-pad, M-Pad, VBLX, Narwhal – all subject to higher tax rate



## Tax Policy Matters



## The Oil and Gas Industry is Foundational to Alaska's Economy

- Alaska's North Slope oil and gas business drives about a third of the economy
- Focus on costs has kept Alaska competitive
- ConocoPhillips continuing to invest in new field and core field development
- Drilling technology leveraging to maximize oil recovery
- Another year of significant appraisal and exploration drilling planned for 2020
- Willow Draft EIS we appreciate your support for the ConocoPhillips/BLM preferred Alternative B
- North Slope investment jeopardized by potential tax initiative
  - Adds to Alaska legacy of unstable fiscal environment



Caribou at Alpine