

Presentation for:

Resource Development Council

November 15, 2012



Brooks Range Petroleum

BRPC Quick Facts

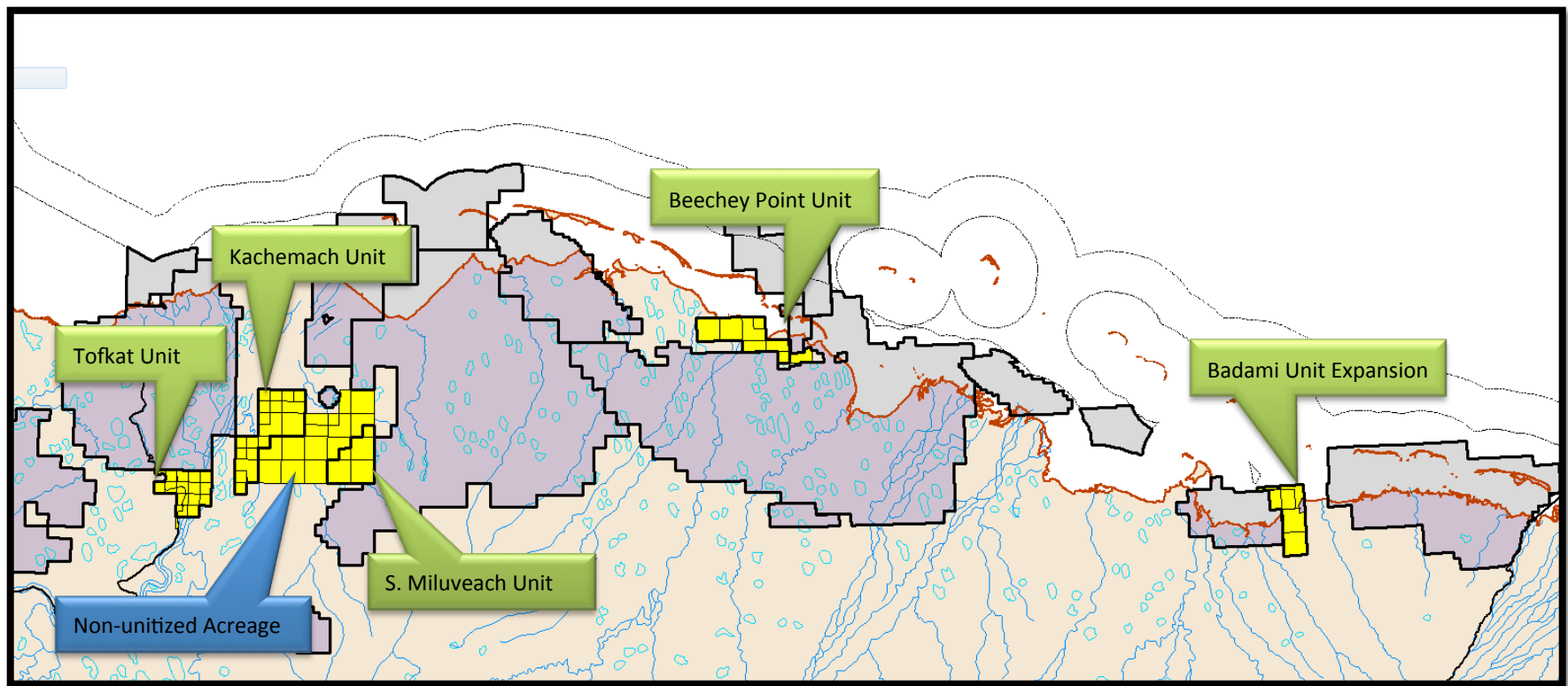
- ❖ 107,000 acres in 3 core areas
(onshore, near infrastructure, light hydrocarbon fairways)
- ❖ ~ \$ 190 MM invested in Alaska projects
- ❖ 6 discovery wells – 3 by BRPC – 3 Drilled by others
(N Shore #1, Tofkat & N Tarn/Mustang - Pete's Wicked, Pt. Storkerson, E Mickelson,)
- ❖ 4 development projects in permitting/conceptual engineering stage
44 MMBO Mustang Field anchor development
- ❖ 4 State approved unitized blocks
- ❖ 570 sq miles of modern 3D seismic
330 sq. miles of proprietary 3D shot by BRPC - 240 sq. miles purchased from other and re-processed
- ❖ BRPC wells account for 28% of all exploration activity on State land over last 6 years

BRPC – Current Leasehold Position by Area

	Operator	Gross Acres	State	Partners
Western		73,518	16.67%	
Southern Miluveach Unit	BRPC	8,960	16.67%	AVCG/Ramshorn
Tofkat Unit	BRPC	9,136	16.67%	AVCG/Ramshorn
Kachemach Unit	BRPC	16,487	16.67%	AVCG/Ramshorn
Tofkat Non-Unitized *	BRPC	11,520	16.67%	AVCG/Ramshorn
Non-Unitized	BRPC	27,415	16.67%	AVCG/Ramshorn
Central		17,148	16.49%	
Beechey Point Unit	BRPC	10,757	16.46%	AVCG/Ramshorn
Non-Unitized	BRPC	6,391	16.67%	AVCG/Ramshorn
Eastern		16,237	16.67%	
Proposed Badami Expansion	BRPC	16,237	16.67%	AVCG/Ramshorn
TOTAL		106,903	16.63%	

* 2012 Lease Sale

North Slope Units – Leasehold Position



North Slope Units – Leasehold Position

Tofkat Unit

- ~ 40 MMBO Kup C, ~ 20 MMBO Jurassic
- Offset Alpine & Nanuk
- Ran 3D after drilling indicates Kup C extends into Nanuq field
- 3 delineation wells drilled
- Returning to delineate in Q1 2013
- COP drilled 4 wells into Jurassic
- Less than 1 mile to Alpine CC pipeline
- Upside defined in Brookian
- **FIRST OIL 2015**

Beechey Point Unit

- ~ 26 MMBO Kup C & Ivishak
- Adjacent to Prudhoe Bay and Midnight Sun
- 3-D definition on traps
- 3 discovery wells
- Substantial commercial opportunities within drilling reach
- East Shore prospect analog is Midnight Sun
- Lease block win increases resource expectations
- **FIRST OIL 2016**

Kachemach Unit

3-D seismic evaluation
Exploration drilling planning

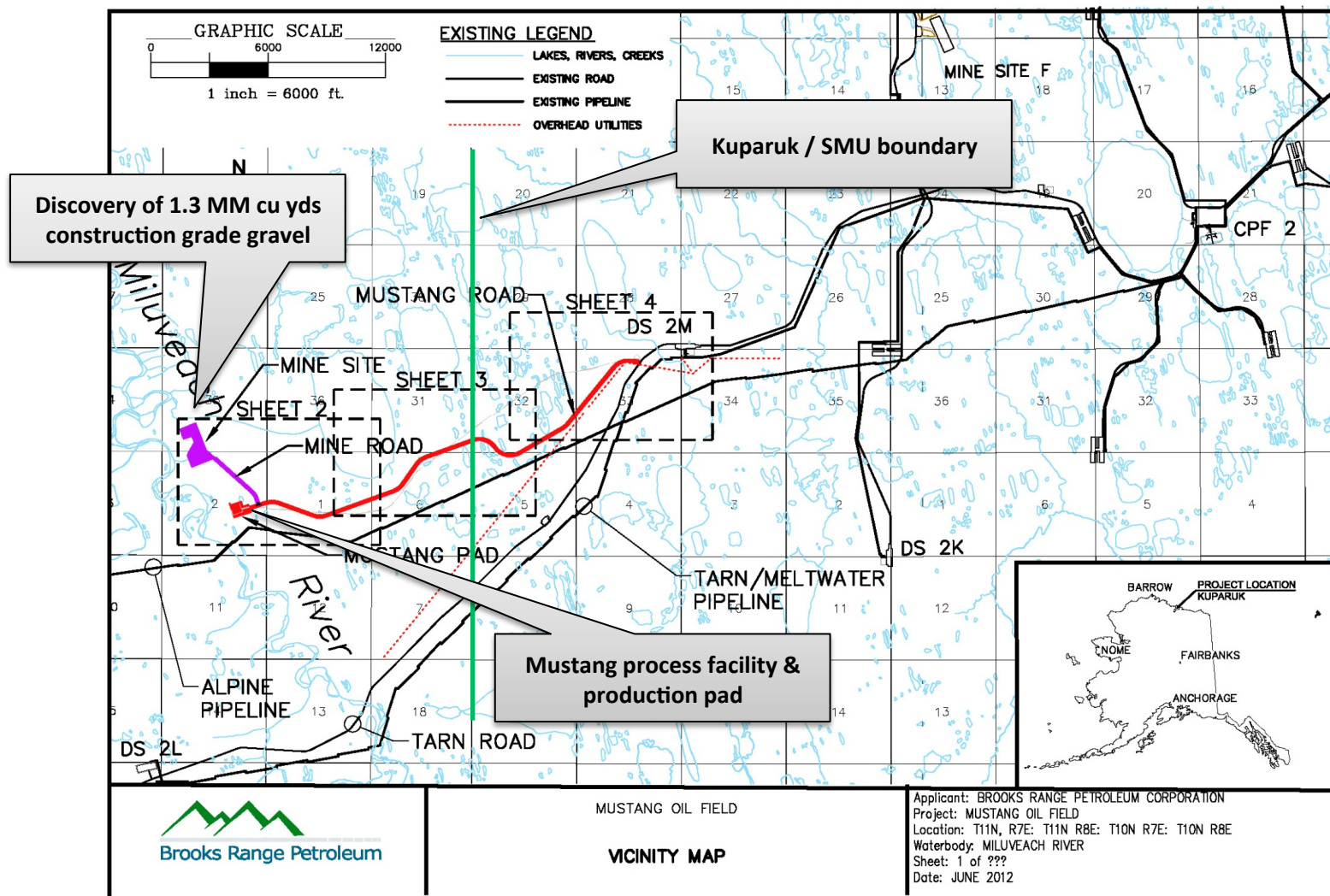
S. Miluveach Unit – Mustang / Appaloosa

- 44 MMBO Kup C Mustang, ~ 37 MMBO Appaloosa
- Extension to KRU field
- N Tarn well penetrated reservoir 2011, re-entered & tested 2012 (20+ Kup C discovery)
- N Tarn #1A confirmed quality C sand 10+ ft. oil test
- Drilled confirmation Mustang #1 2012 20+ ft.
- Confirmed communication with KRU 2M
- Common carrier pipeline 700' from production pad
- 200 sq. miles proprietary 3D + 240 WBA license 3D
- **FIRST OIL 2014**

Badami Unit Expansion

- ~ 16 MMBO Flaxman Sst
- Project area located between Badami & Pt. Thomson
- E Mikkelson #1 tested 250 BOPD un-stimulated
- Improved reservoir setting to Badami
- Horizontal development strategy
- Facilities and pipeline capacity in close proximity- no need to build facilities
- Pt. Thomson sand upside
- **FIRST OIL 2016**

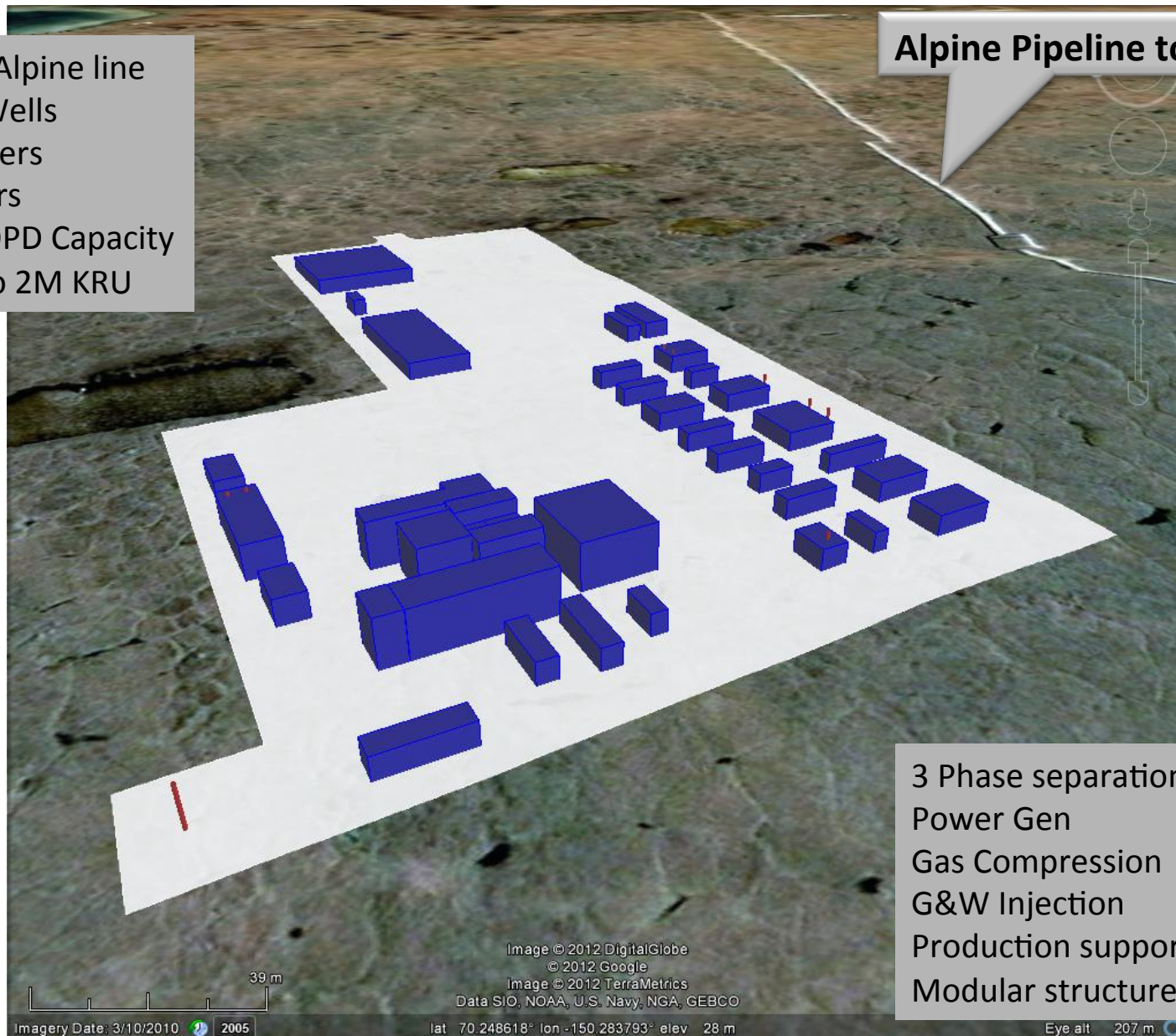
Mustang Development Infrastructure Plan



Mustang Production Pad

700 ft. to Alpine line
23 Total Wells
12 producers
11 injectors
15,000 BOPD Capacity
4.5 mile to 2M KRU

Alpine Pipeline to KRU



3 Phase separation
Power Gen
Gas Compression
G&W Injection
Production support modules
Modular structure

Mustang Development Plan

Secure required permitting for development-

US Army Corp. of Engineers 404 - expected Dec. 17, 2012

Air Quality Permit - expected Q1 2013

Mine, install and condition gravel for access road and production pad -

Award gravel contract mid- Nov. 2012

Complete Facility Engineering Package -

Freeze engineering - 15,000 BOPD capacity

Procure long lead equipment - Dec. 2012

Generic design as much as possible

Reservoir optimization / development planning -

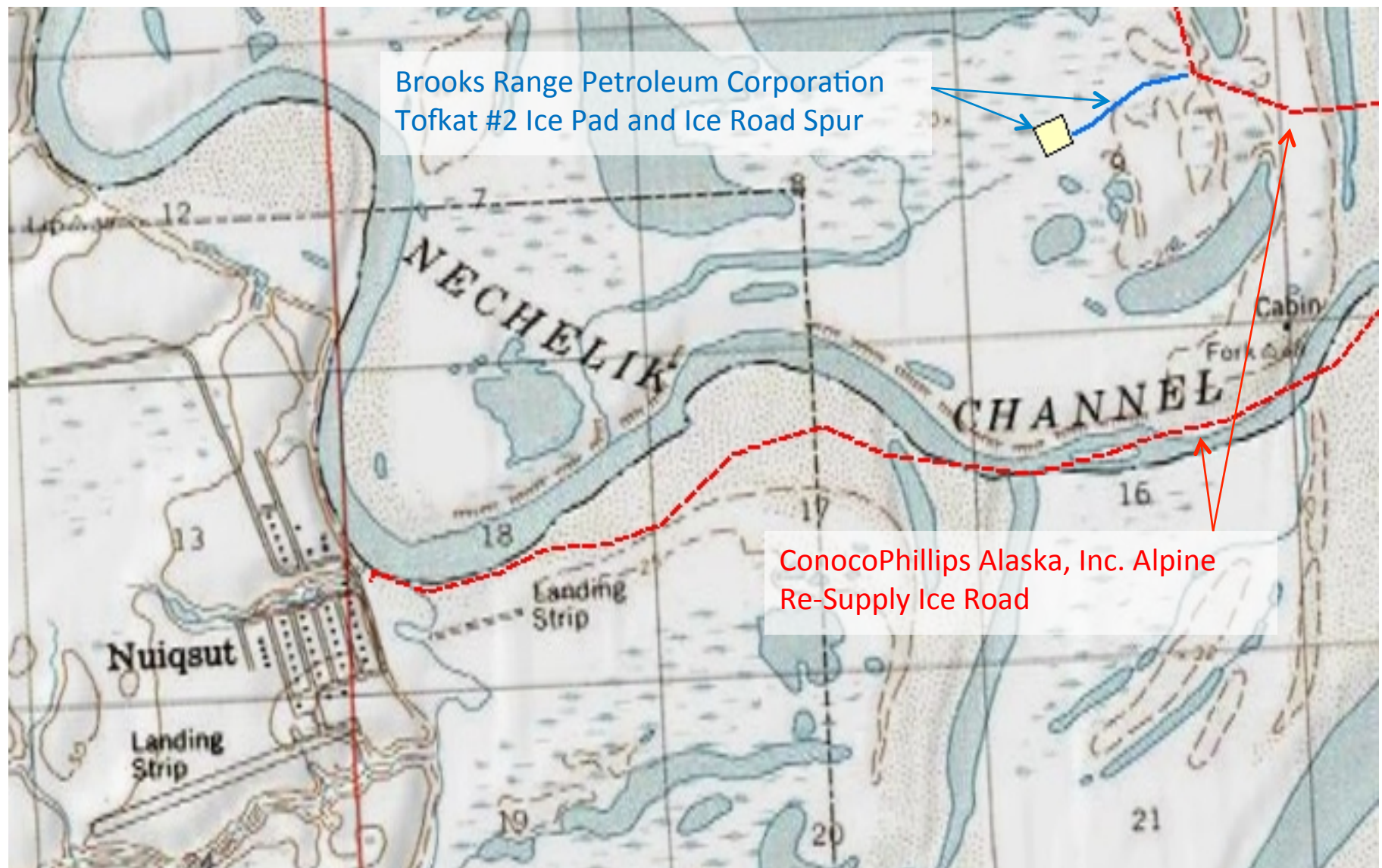
Development pattern - producers/injectors (orientation)

Well design / completion strategy

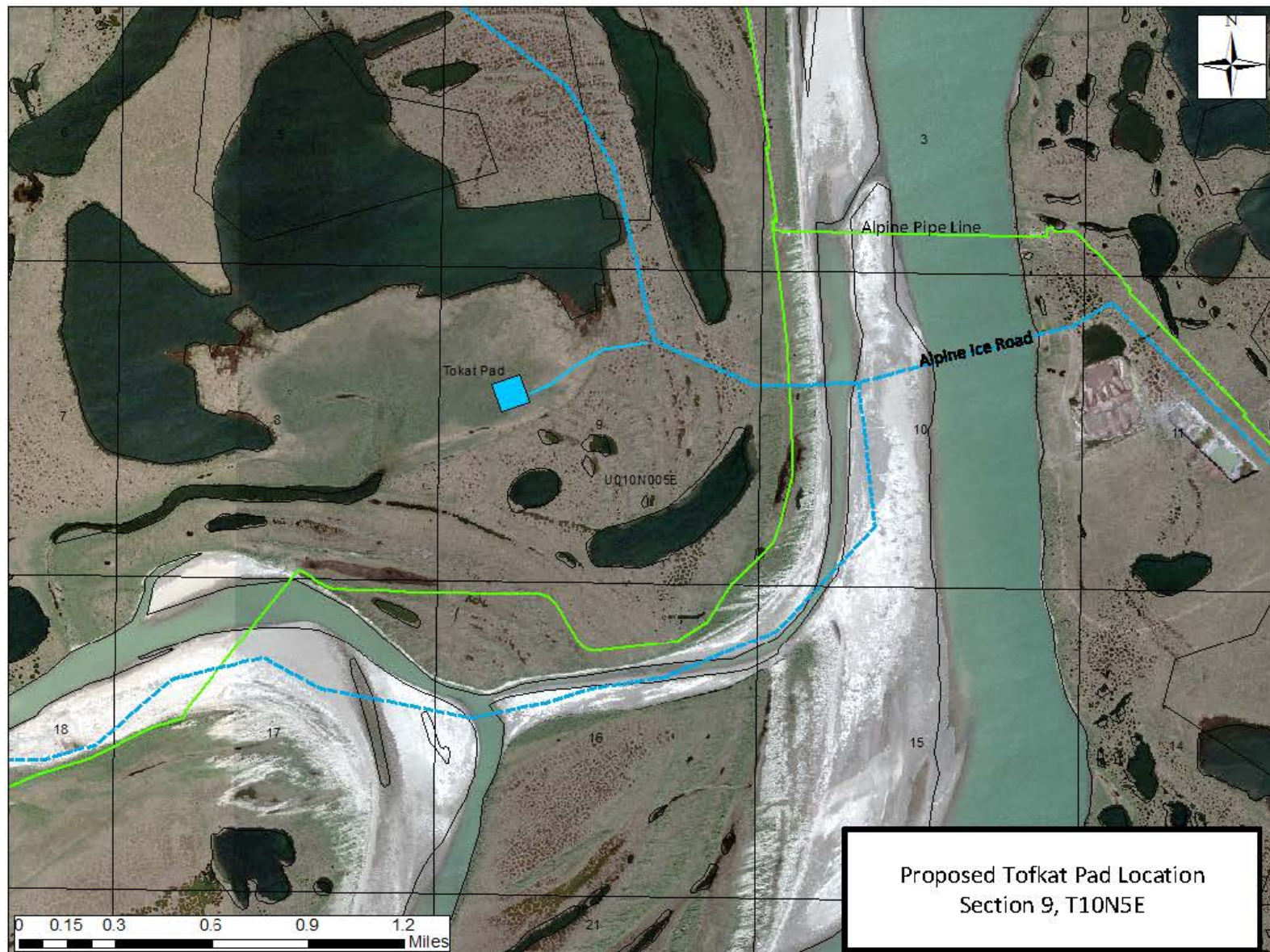
Fabricate, construct and install production facility Q1, 2014

FCO and FIRST OIL - Q2, 2014

Tofkat #2 Location



Tofkat #2 Location



2012/2013 Winter Exploration Plans: Tofkat #2

- Secure Required Permits for Drilling
- Start Date Planned for February 2013
- Clear Snow and Collect Water/Ice Aggregate
- Construct Ice Road Spur(s)
 - 1/2 Mile Road Off Of CPAI Alpine Re-Supply Ice Road
 - Shorter Spur Roads To Permitted Water Sources
- Construct Drilling Ice Pad
- Drill Tofkat Well #2
 - Possible Side-Track (#2A)