

## Attachment 1

# **Exhibit A, Proposed Tiger Eye Unit Tracts/Leases, May 21, 2012**



MAY 21 2012

DIVISION OF  
OIL AND GAS

**EXHIBIT "A"**  
**Attached to and made part of the Tiger Eye Unit Agreement**  
Description of Unit Tracts

Unit Tract No.	Lease No.	Legal Description	Tract Acreage	Royalty & ORRI Owners	Percentage	Working Interest Owners	Percentage
1	ADL 391103	T8N, R15W, Seward Meridian	2720.00	State of Alaska	12.5%	NordAq Energy Inc.	100%
		Section 1, NE1/4, SE1/4, SW1/4, Unsurveyed All		N Slepovich	1.25%		
		Section 11, SE1/4, Unsurveyed All		V P Gavora	1.25%		
		Section 12, Unsurveyed All		Alaska LLC	1.25%		
		Section 13, Unsurveyed All		D R Gilbertson	1.25%		
		Section, 14, Unsurveyed All		J Kidd	1.5%		
		Section 15, SE1/4, Unsurveyed All		H North	0.5%		
				R Warthen	0.5%		
				Cranberry Vent	1.0%		
				Socarta	0.5%		
2	ADL 391104	T8N, R15W, Seward Meridian	5760.00	State of Alaska	12.5%	NordAq Energy Inc.	100%
		Section 22, Unsurveyed All		N Slepovich	1.25%		
		Section 23, Unsurveyed All		V P Gavora	1.25%		
		Section 24, Unsurveyed All		Alaska LLC	1.25%		
		Section 25, Unsurveyed All		D R Gilbertson	1.25%		
		Section 26, Unsurveyed All		J Kidd	1.5%		
		Section 27, Unsurveyed All		H North	0.5%		
		Section 34, Unsurveyed All including the beds of Johnson Slough and Seal Slough		R Warthen	0.5%		
		Section 35, Unsurveyed All tidelands and submerged lands (3.96 acres)		Cranberry Vent	1.0%		
		Section 35, Unsurveyed All uplands including the beds of Kustatan River and Seal Slough (636.04 acres)		Socarta	0.5%		
Section 36, Unsurveyed All tidelands and submerged lands (102.41 acres)	Chawist	0.5%					
Section 36, Unsurveyed All uplands including the beds of the Kustatan River (537.59 acres)	L Jacober	0.1%					
	I J Fair Trust	0.05%					
	I J Fair 2005 Trust	0.05%					
	T Yates	0.1%					
	W DeBroe Ltd	0.9%					
	Fenebora	0.378%					
		23.578%					
<b>TOTAL UNIT ACREAGE</b>			<b>6480.00</b>				

## Attachment 2

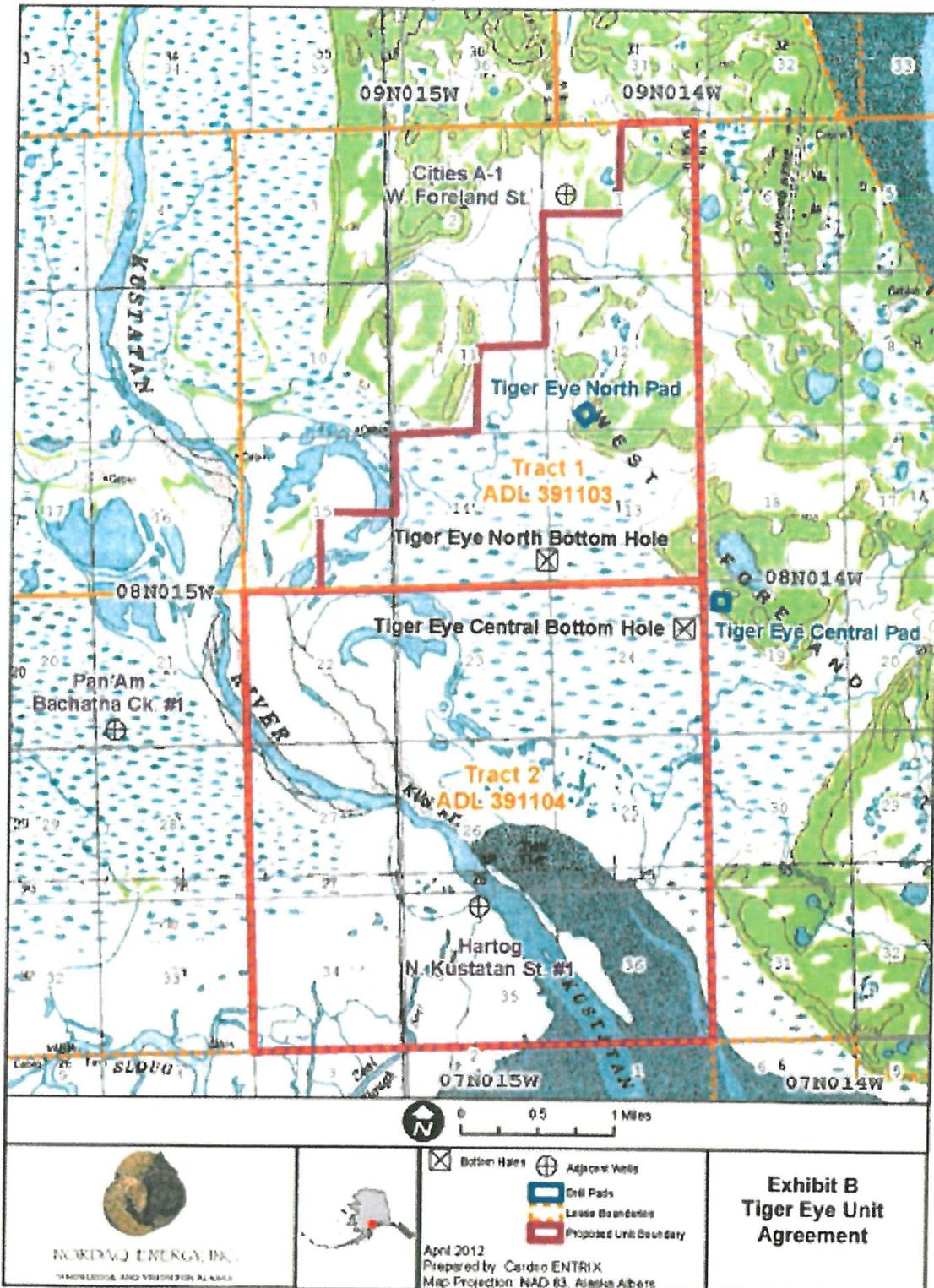
# **Exhibit B, Map of Proposed Tiger Eye Unit Boundary, May 21, 2012**

**RECEIVED**

MAY 21 2012

**DIVISION OF  
OIL AND GAS**

**EXHIBIT "B"**  
Attached to and made part of the Tiger Eye Unit Agreement  
Map of Unit Area



## Attachment 3

# **Exhibit G, Proposed Initial Unit Plan of Exploration, May 21, 2012**

**EXHIBIT "G"**  
**Attached to and made part of the Tiger Eye Unit Agreement**  
**Initial Unit Plan of Exploration**

**RECEIVED**  
MAY 21 2012  
**DIVISION OF**  
**OIL AND GAS**

**INTRODUCTION**

NordAq Energy, Inc. (NordAq) is an Anchorage-based independent oil company with offices in Alaska. NordAq provides this Unit Plan of Exploration to the Alaska Department of Natural Resources (ADNR) as part of its Unit Application pursuant to Article 8 of the Tiger Eye Unit Agreement, 11 AAC 83.341, and 11 AAC 83.343. NordAq plans to conduct an exploratory drilling program for oil and gas on the west side of Cook Inlet within its Tiger Eye Prospect (Figure 1).

Two wells will be drilled in a two-year period (2013 and 2014) as part of the exploration program within Alaska Oil and Gas Leases ADL 391104 and ADL 391103 (See Figures 2 and 3). NordAq is the owner (100%) of the Unit Leases ADL 391104 and 391103. NordAq will be the operator and permittee of record for the proposed Unit Exploration Program.

The Tiger Eye Unit Area shall be divided in to two (2) Tracts as described below in Table 1:

<b>Table 1: Tiger Eye Unit Exploration Well Location Information</b>	
<b>Tiger Eye Central #1, Tract 2</b>	
Lease	ADL 391104
Legal Description (Section, Township/Range)	Section 19, T8N/R14W, Seward Meridian
Section (12) Meets and Bounds	690 ft. from West Line, 550 ft. from North Line
Planned Surface Geodetic Position, Latitude/Longitude	60.7748°/-151.8134°(NAD 83)
Planned Surface Alaska State Plane Coordinates(X/Y), Zone 4	N755706 ft./W401161 ft. (NAD 83)
Planned BH Geodetic Position, Latitude/Longitude	60.7717°/-151.8229°(NAD 83)
Planned BH Alaska State Plane Coordinates(X/Y), Zone 4	N2478495 ft./W1314555 ft. (NAD 83)
Relative Surface Elevation (Above Mean Sea Level)	~ 150 ft.
<b>Tiger Eye North #1, Tract 1</b>	
Lease	ADL 391103
Legal Description (Section, Township/Range)	Section 12, T8N/R15W, Seward Meridian
Section (19) Meets and Bounds	700 ft. from South Line, 1550 ft. from West Line
Planned Surface Geodetic Position, Latitude/Longitude	60.7927°/-151.8396°(NAD 83)
Planned Surface Alaska State Plane Coordinates(X/Y), Zone 4	N2486243 ft./W 1311794 ft. (NAD 83)
Planned BH Geodetic Position, Latitude/Longitude	60.7786°/-151.8473°(NAD 83)
Planned BH Alaska State Plane Coordinates(X/Y), Zone 4	N2481138 ft./W1310248 ft. (NAD 83)
Relative Surface Elevation (Above Mean Sea Level)	~ 100 ft.

See Figure 4 for NordAq's proposed exploration wells, surface and bottom hole locations, and existing industry exploration wells. The nearest town to the drill pads is Nikiski, approximately 17 miles to the east across Cook Inlet. The Trading Bay Production Facility (TBPF) owned and operated by Hilcorp Energy Company (Hilcorp) is approximately 1.8 miles to the northeast.

**TIGER EYE CENTRAL #1, TRACT 2**

The proposed Tiger Eye Central drill pad is approximately 2.5 miles inland from Cook Inlet and 2.5 miles east of the Kustatan River. NordAq proposes to build a 2.39-mile long single lane gravel

access road from an existing lease road near the Cook Inlet shoreline to the Tiger Eye Central well location, and construct a gravel exploration pad. The road and well pad will be constructed on Salamatof Native Corporation lands. Construction is scheduled for summer 2012. NordAq will acquire 3-D winter seismic over southern half of Tiger Eye prospect, barge drilling equipment and materials to the pad, and spud Tiger Eye Central #1 by the end of the second quarter 2013 (May 2013 through June 2013).

#### TIGER EYE NORTH #1, TRACT 1

NordAq proposes to build a 2.5-mile long single lane gravel access road from the existing lease road near the Cook Inlet shoreline to the Tiger Eye North well location, and construct a gravel exploration pad. A portion of the road near the proposed well pad will be constructed on state land to access the drill pad. This short section of the road is approximately 0.75 miles; the remaining portion of the road is on Salamatof Native Corporation lands. Construction is scheduled for spring 2013. NordAq will barge drilling equipment and materials to the pad, and spud Tiger Eye North #1 by the end of the second quarter 2014 (May 2014 through June 2014).

#### DRILLING RIG

NordAq plans on using an arctic class mobile rotary drill rig. The drilling rig is mobilized to a site either as a self-propelled unit or in truckable modules and assembled. Specific modules are designed to contain power generation units, drilling fluid handling equipment, tanks, pumps, and other systems necessary to drill the wells. The heaviest load will be modules that do not exceed 200,000 pounds (175 tons). The drilling rig has a maximum depth capability of about 13,000 feet.

#### OIL FIELD SUPPORT SERVICES

NordAq will use existing infrastructure and resources found on the west side of Cook Inlet whenever possible during the project. These resources include barge landings, staging areas, gravel lease roads, gravel pads, airstrips, regulated landfills, and water supplies.

Personnel, equipment, materials and supplies will be mobilized to the exploration drill pads during drilling operations. The majority of the well support services contractors have offices, shops and additional equipment located in Kenai and Nikiski that will support their remote field operations for this project.

#### ROAD CONSTRUCTION

NordAq will conduct road construction for the Tiger Eye Central access road and pad during the 2012 summer season, and for the Tiger Eye North access road and pad during the 2013 summer season. Road construction will begin shortly after clearing and grubbing. Traffic during road and pad construction will average approximately 200 gravel truck trips per day, in addition to 50 light truck and passenger vehicle trips per day.

The gravel road design also calls for road construction capable of transporting modules that are up to 70 feet long and weigh 200,000 lbs. NordAq will construct the single lane, 2-foot thick gravel access road with an 18-foot wide road surface and 1.5:1 shoulders, resulting in a basal footprint that will be a maximum of 24 feet wide in both upland and wetland areas. NordAq will place gravel in 1-foot lifts on geotextile, and then grade and compact it. If gravel is placed frozen, then NordAq will grade and compact a second time after spring thaw.

NordAq will construct turnouts and passing lane pullouts in upland areas. Turnouts will be constructed at about 300-foot intervals to reduce the distance that dump trucks need to backup to dump during construction. These turnouts will always be co-located with the passing lane pullouts.

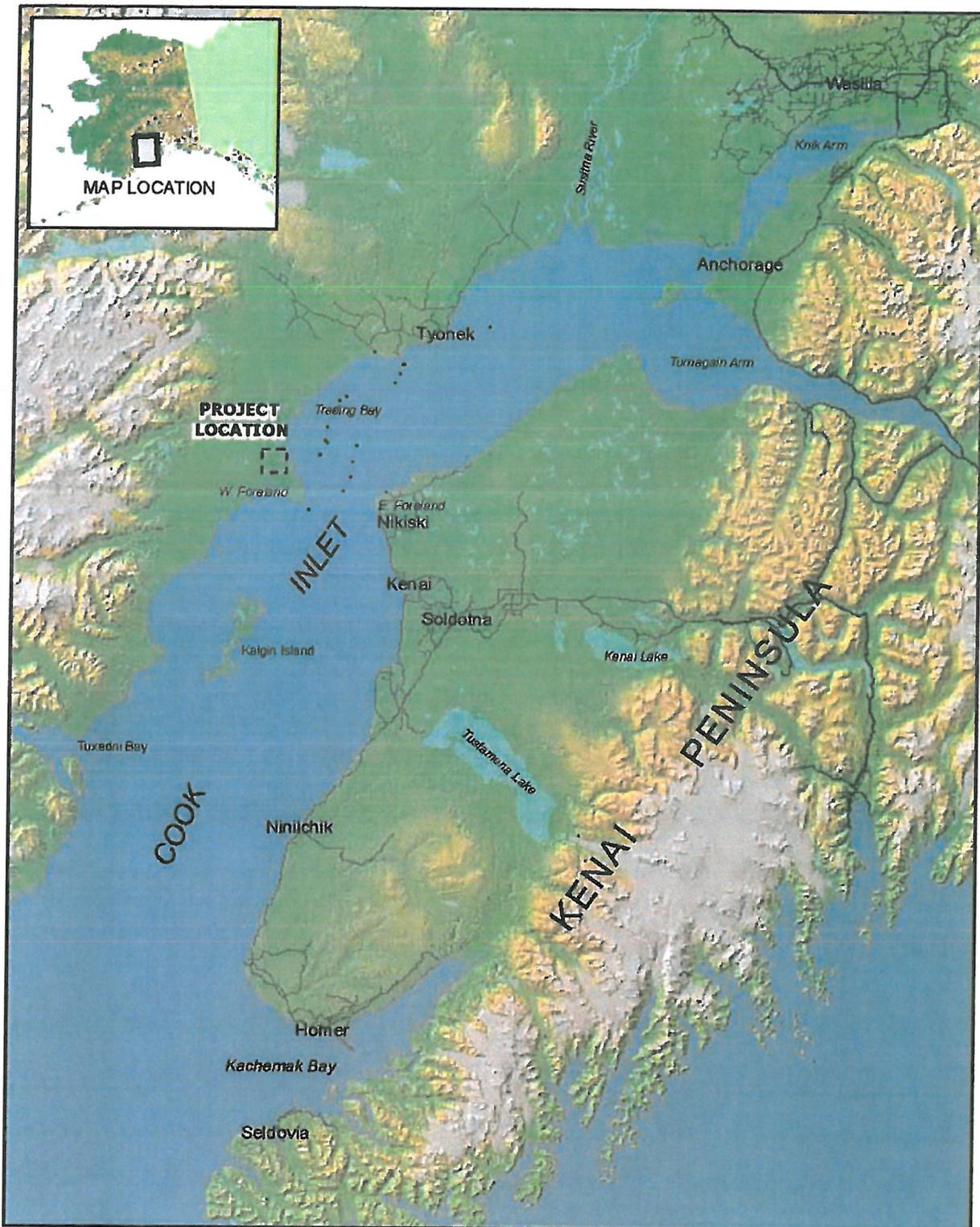
The passing lane pullouts will be constructed at about one-quarter mile intervals. The pullouts will allow a vehicle to pull over and out of the way to allow another to pass on the single lane access road during operations. Passing lane pullouts will be 100-foot long by 28-foot wide with 50-foot transitions.

## DRILL PAD CONSTRUCTION

NordAq will build the Tiger Eye drill pads using similar gravel construction methods. The drill pads will have a continuous gravel berm constructed around its perimeter to control runoff, and will be graded to allow for drainage and collection of surface runoff in the center in a lined sump. Spill containment on the pad will include placing oil-resistant Heculite® or similar 30-mil, bermed liner under storage tanks; temporary drilling waste storage cells and the footprint of the drill rig modules. A preliminary pad layout diagram is included in Figure 5.

## TIGER EYE PERMIT REQUIREMENTS

NordAq is in contact with local, state, federal agencies and Native organizations to obtain all necessary permits authorizations and non-objections for its exploration drilling. Permits will be posted in appropriate and conspicuous places on the drilling rig as stipulated.



MAP LOCATION

**PROJECT LOCATION**

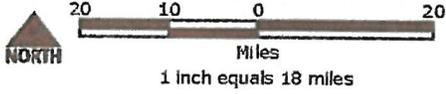
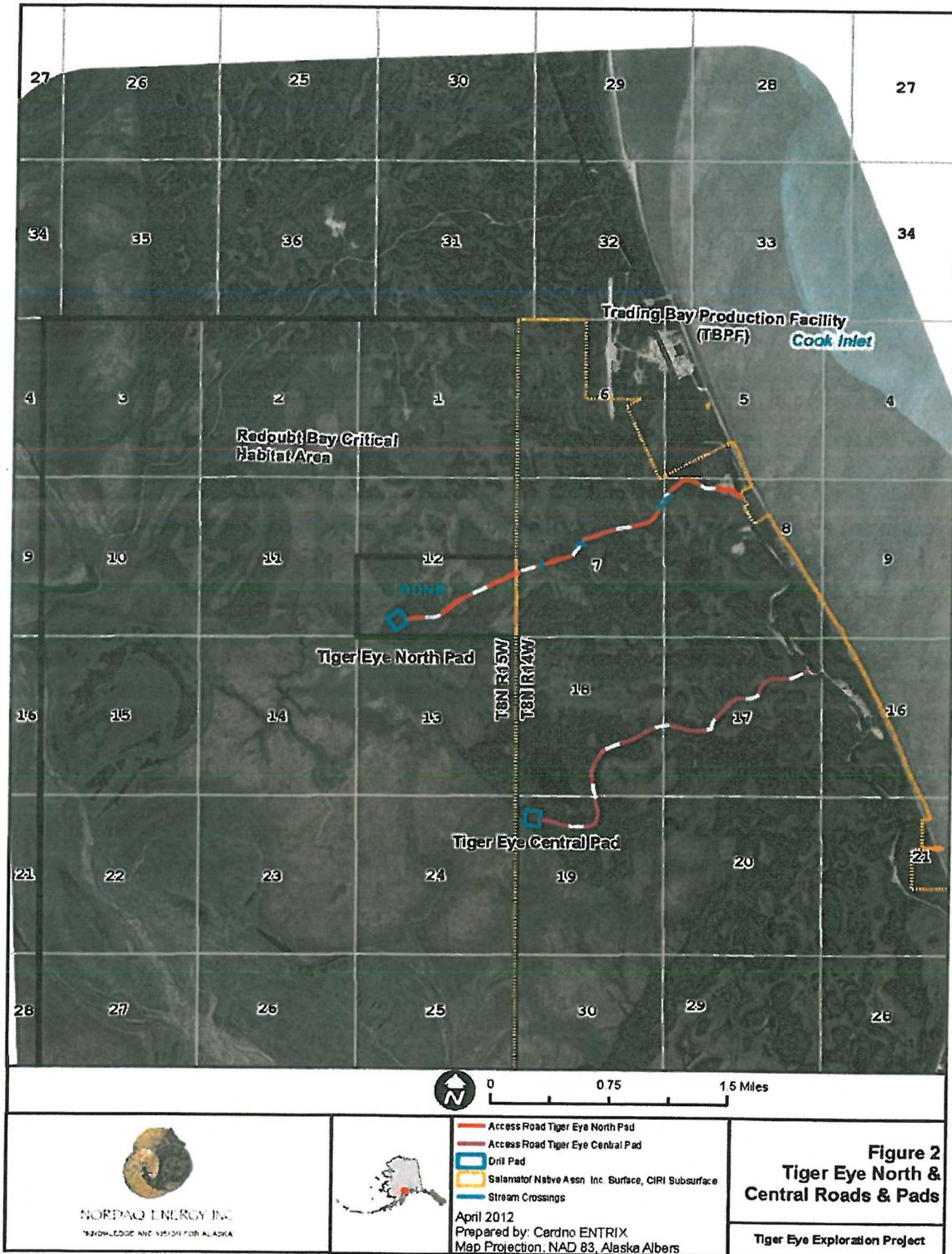
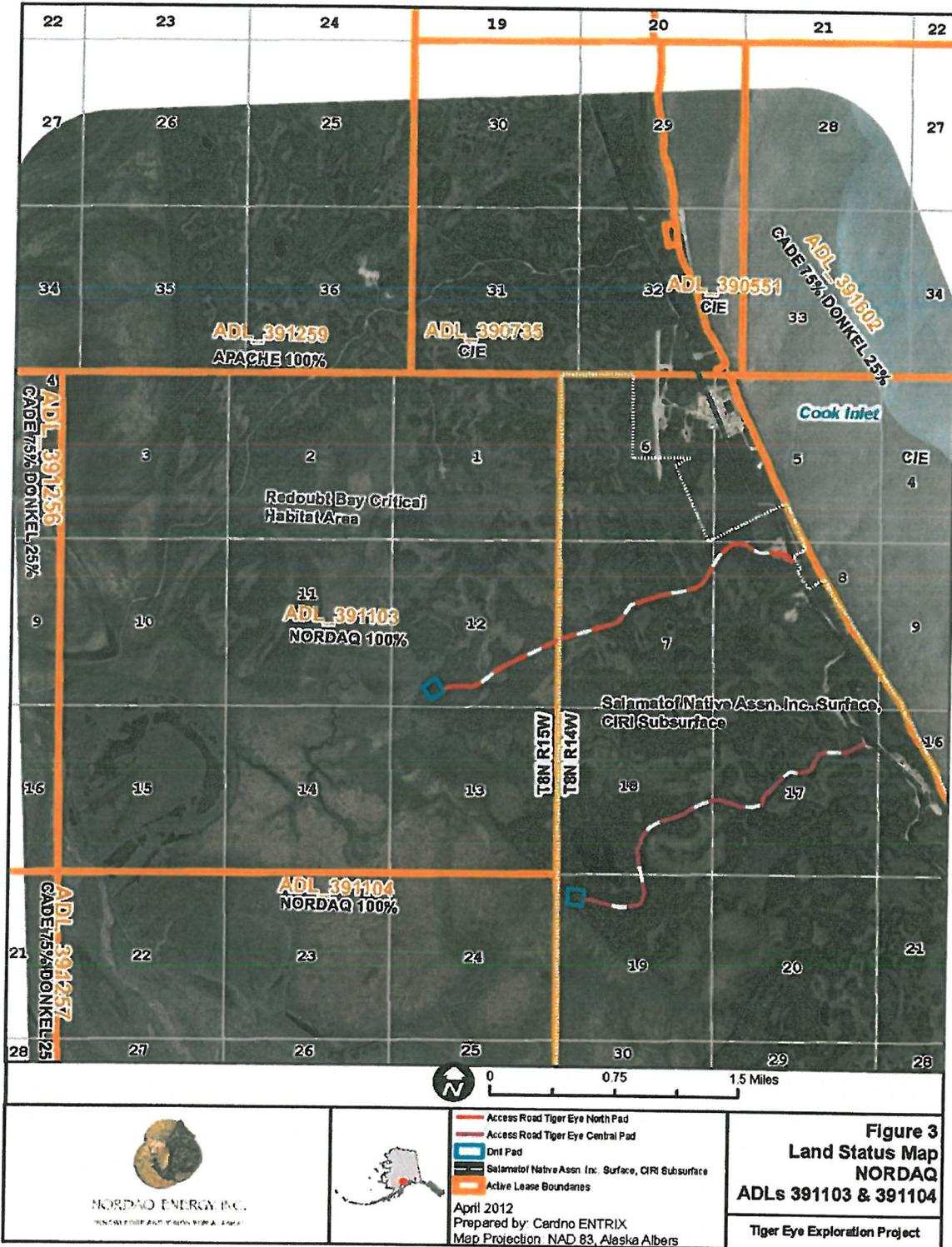
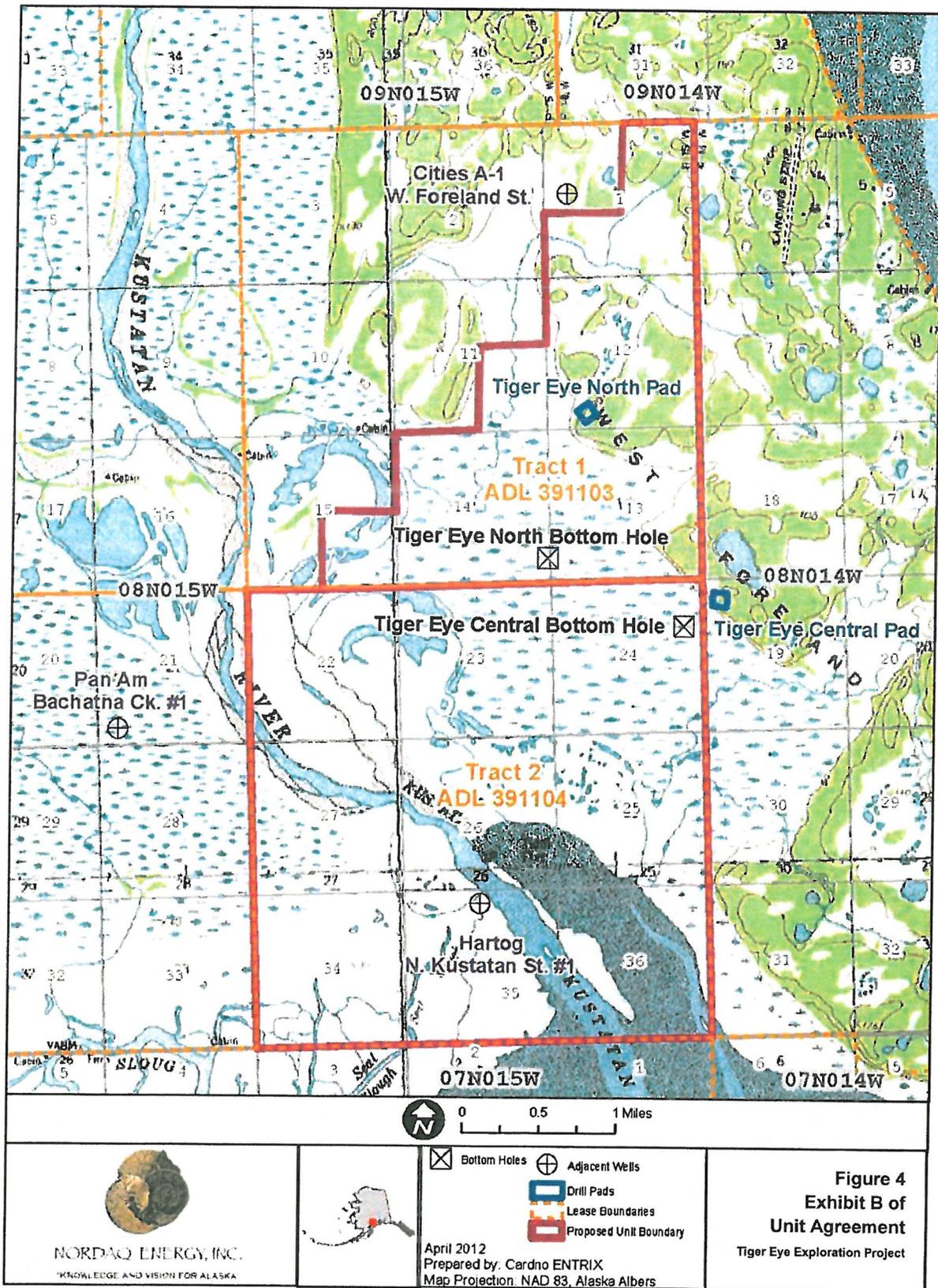


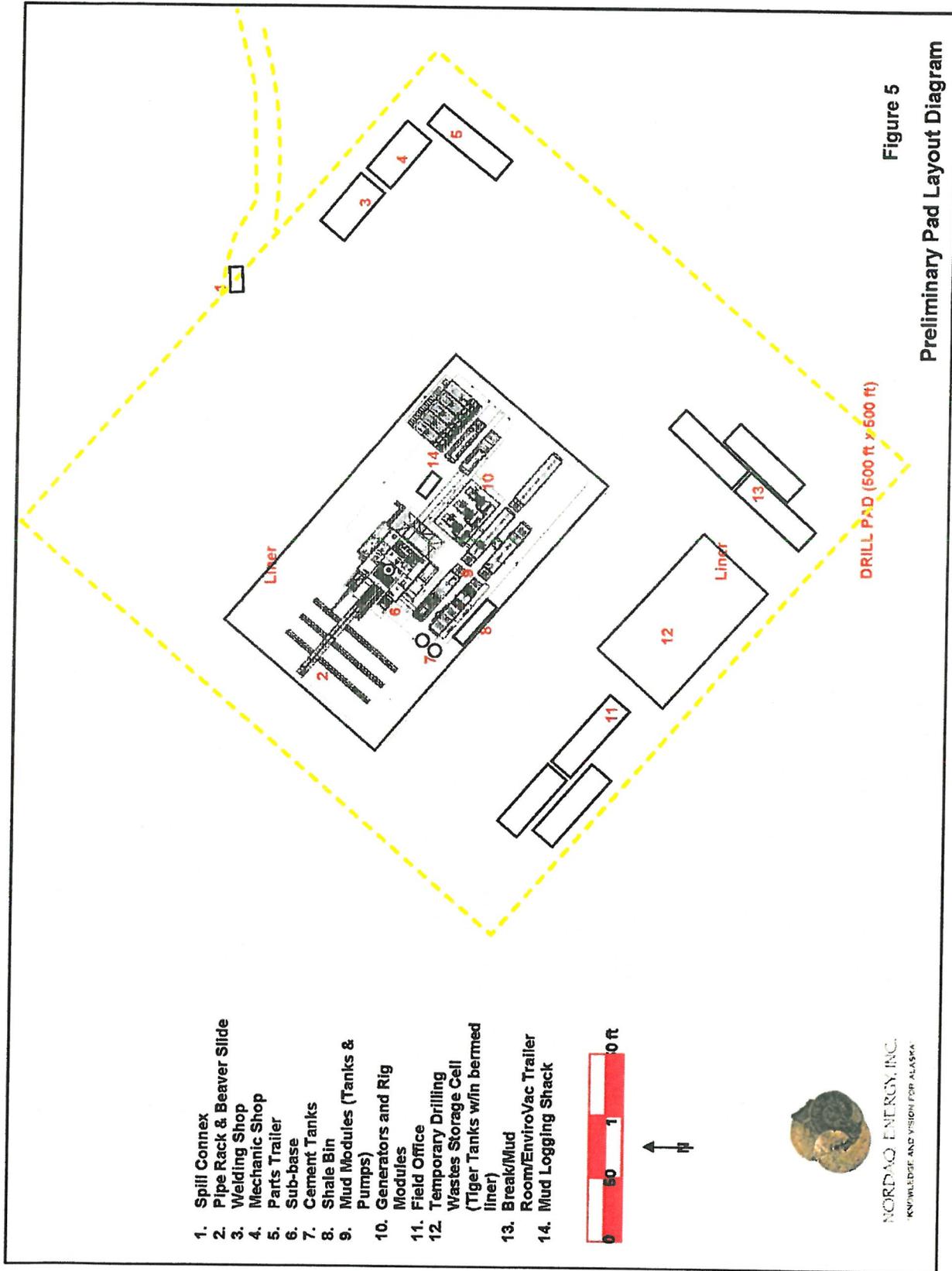
Figure 1  
General Vicinity Map







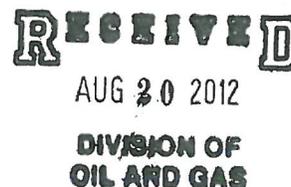




## Attachment 4

# **Exhibit G, Revised Initial Unit Plan of Exploration, August 20, 2012**

**Exhibit "G"**  
**Attached to and made part of the Tiger Eye Unit Agreement**  
**Initial Unit Plan of Exploration**



**INTRODUCTION**

NordAq Energy, Inc. (NordAq) is an Alaska based independent oil company with offices in Anchorage and Kenai. NordAq provides this Unit Plan of Exploration to the Alaska Department of Natural Resources (ADNR) as part of its Unit Application pursuant to Article 8 of the Tiger Eye Unit Agreement, 11 AAC 83.341, and 11 AAC 83.343. NordAq plans to conduct an exploratory drilling program for oil and natural gas on the west side of Cook Inlet within its Tiger Eye Prospect (Figure1).

Two wells will be drilled in the period of 2012 and 2013 as part of the exploration program within Alaska Oil and Gas Leases. ADL 391104 and ADL 391103 (see figures 2 and 3). NordAq is the owner (100%) of the Unit Leases ADL 391104 and 391103. NordAq will be the operator and permittee of record for the proposed Unit Exploration Program.

The Tiger Eye Unit Area shall be divided in to two (2) Tracts as described below in Table 1:

Table 1: Tiger Eye Unit Exploration Well Location Information	
<b>Tiger Eye Central #1</b>	
Lease	ADL 391104
Legal Description (Section, Township/Range)	Section 19, T8N/R14W, Seward Meridian
Section (19) Meets and Bounds	690 ft. from West Line, 550 ft. From North Line
Planned Surface Geodetic Position, Latitude/Longitude	60° 46' 29.388" / -151° 48' 48.312" (NAD 83)
Planned Surface AK State Plane Coordinates (X/Y), Zone 4	N2479577 ft. / E1316287 ft. (NAD83)
Planned Bottom Hole Geodetic Position, Latitude/Longitude	60° 46' 23.755" / -151° 49' 18.048" (NAD 83)
Planned Bottom Hole AK State Plane Coordinates (X/Y), Zone 4	N2479046 ft. / E1314795 ft. (NAD 83)
Relative Surface Elevation (Above Mean Sea Level)	~ 150 ft.
<b>Tiger Eye Central #2</b>	
Lease	ADL 391103
Legal Description (Section, Township/Range)	Section 19, T8N/R14W, Seward Meridian
Section (19) Meets and Bounds	775 ft. from West Line, 465 ft. from North Line
Planned Surface Geodetic Position, Latitude/Longitude	60° 46' 30.223" / -151° 48' 46.603" (NAD 83)
Planned Bottom Hole AK State Plane Coordinates (X/Y), Zone 4	N2479659 ft. / E1316374 ft. (NAD 83)
Planned Bottom Hole Geodetic Position, Latitude/Longitude	60° 46' 38.488" / -151° 49' 05.808" (NAD 83)
Planned Bottom Hole AK State Plane Coordinates (X/Y), Zone 4	N2480524 ft. / E1315444 ft. (NAD 83)
Relative Surface Elevation (Above Mean Sea Level)	~150 ft.

See Figure 4 for NordAq's proposed exploration wells, surface and bottom hole locations, and existing industry exploration wells. The nearest town to the drill pads is Nikiski, approximately 17 miles to the east across Cook Inlet. The Trading Bay Production Facility (TBPF) owned and operated by Hilcorp Energy Company (Hilcorp) is approximately 1.8 miles to the northeast.

## TIGER EYE CENTRAL #1, TRACT 2

The proposed Tiger Eye Central drill pad is approximately 2.5 miles inland from Cook Inlet and 2.5 miles east of the Kustatan River. NordAq proposes to build a 2.27 mile long single lane gravel access road from an existing lease road near the Cook Inlet shoreline to the Tiger Eye Central well location, and construct a gravel exploration pad. The road and well will be constructed on Salamatof Native Corporation lands. Construction is scheduled for summer 2012. NordAq will barge drilling equipment and materials to the pad, and spud Tiger Eye Central #1 by the end of the third quarter 2012 (September). During winter months, February and March 2013, NordAq will acquire 3D seismic over the southern half of the Tiger Eye project,

Tiger Eye Central # 1, will be drilled within State of Alaska Oil and Gas Lease Number ADL 391104 (see Table 1 and Figures 2 and 3). The entire project is located on private land until the well bore reaches a depth of 1,920 feet. From this depth to total depth of 11,500 feet TD, the well will be located on State land in ADL 391104.

## TIGER EYE NORTH CENTRAL #2

NordAq plans to drill a second well, Tiger Eye Central #2, from this same drill pad location. This new well will also be drilled on private land until the well bore reaches a depth of approximately 2,000 feet. From this depth to total depth of 10,175 feet TD, the well will be located on State land in ADL 391103. NordAq will barge and transport drilling equipment and materials to the pad, and spud Tiger Eye central #2 by the end of the second quarter 2013 (May 2013 through June 2013).

## DRILLING RIG

NordAq plans on using an arctic class mobile rotary drill rig leased from Nabors Alaska Drilling, rig # 106AC. The drilling rig will be mobilized to the site in truckable modules and assembled. Specific modules are designed to contain power generation units, drilling fluid handling equipment, tanks, pumps, and other systems necessary to drill the wells. The heaviest load will be modules that do not exceed 200,000 pounds (175 tons). The drilling rig has a maximum depth capability of about 12,000 feet.

## OIL FIELD SUPPORT SERVICES

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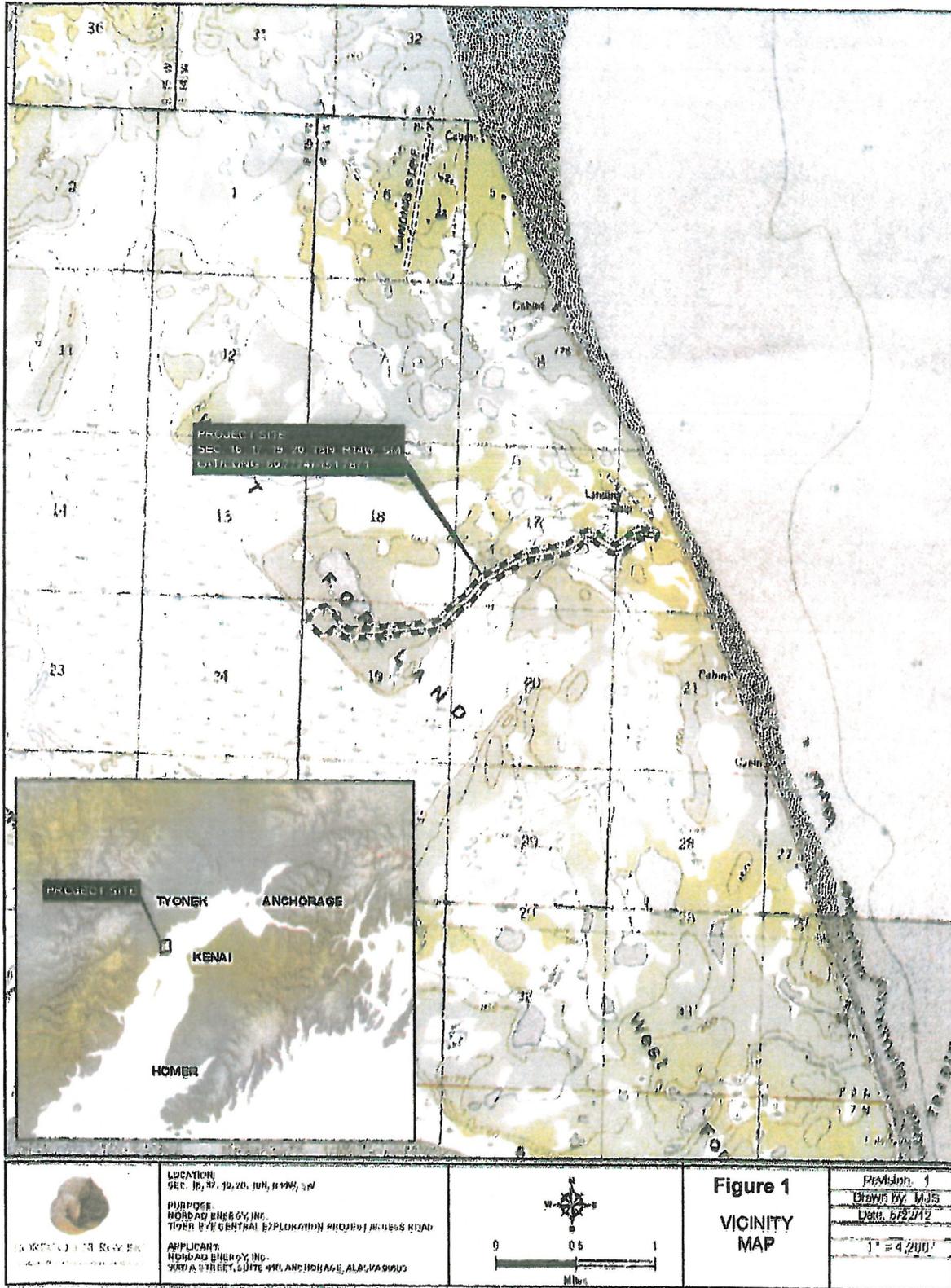
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#### TIGER EYE PERMIT REQUIREMENTS

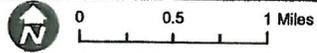
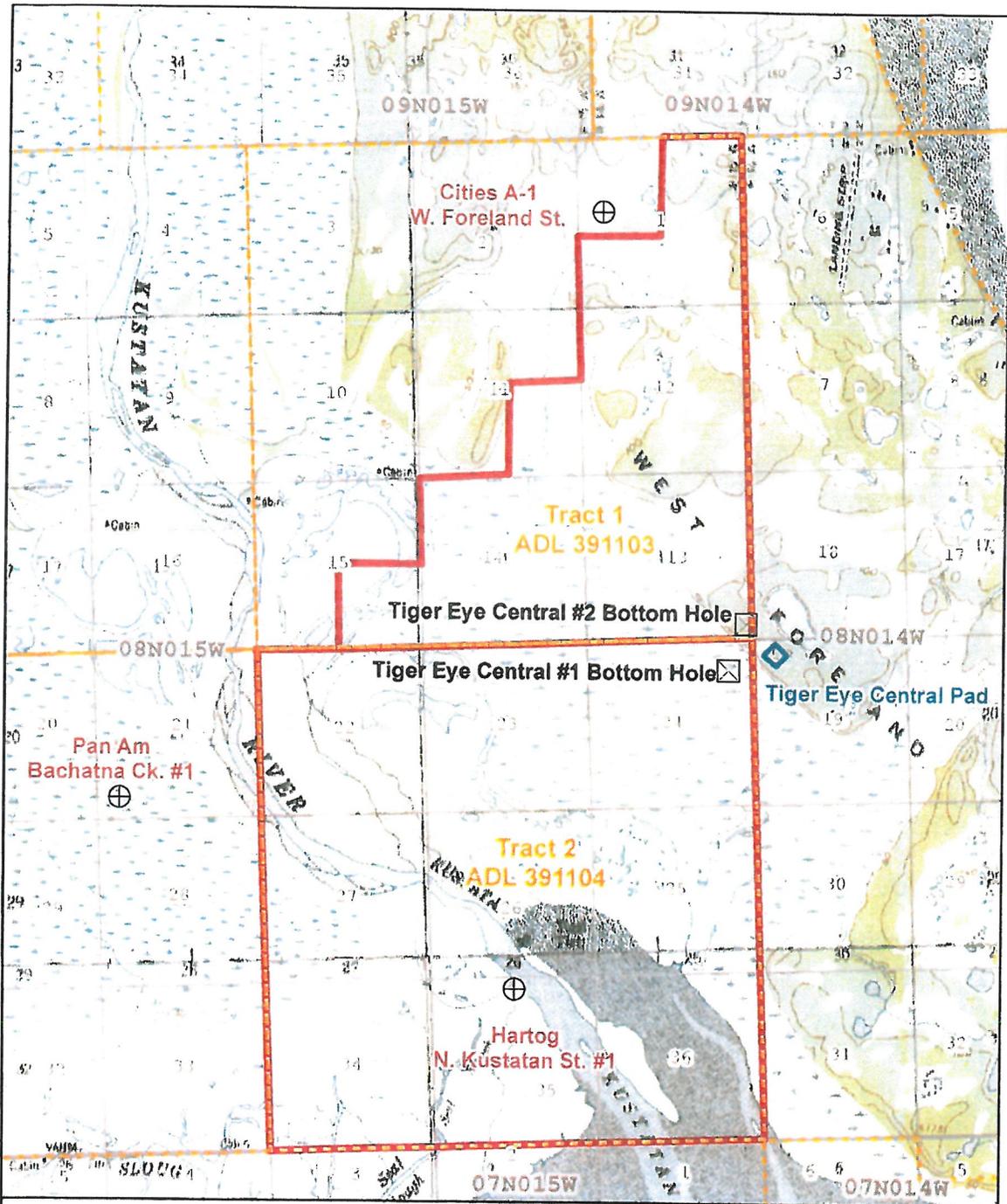
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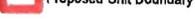




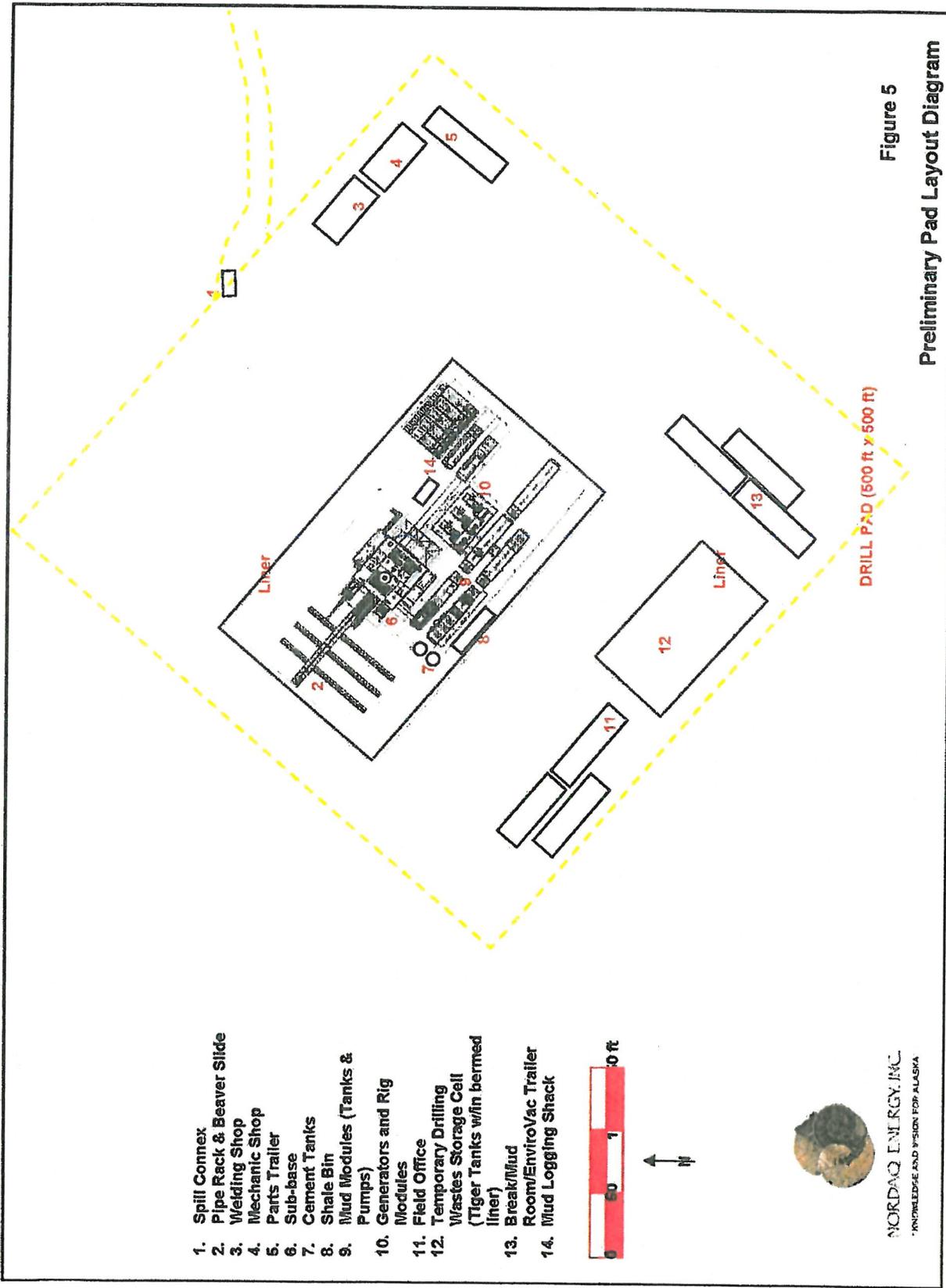
 <p>NORDAQ ENERGY INC. 3000 A STREET, SUITE 410, ANCHORAGE, ALASKA 99503</p>	<p>LOCATION: SEC. 16, T1N, R14W, S41</p> <p>PURPOSE: NORDAQ ENERGY INC. TIGER EYE CENTRAL EXPLORATION PROJECT ACCESS ROAD</p> <p>APPLICANT: NORDAQ ENERGY INC. 3000 A STREET, SUITE 410, ANCHORAGE, ALASKA 99503</p>	 <p>0 0.25 0.5 Miles</p>	<p><b>AERIAL OVERVIEW</b></p> <p><b>Figure 2</b></p>	<p>Fig./Shn. 1 Drawn by: MJS Date: 6/22/12 1" = 1,000'</p>
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-  Bottom Holes
  -  Adjacent Wells
  -  Drill Pads
  -  Lease Boundaries
  -  Proposed Unit Boundary
- April 2012  
 Prepared by: Cardno ENTRIX  
 Map Projection: NAD 83, Alaska Albers

## Exhibit B Tiger Eye Unit Agreement



- 1. Spill Connex
- 2. Pipe Rack & Beaver Slide
- 3. Welding Shop
- 4. Mechanic Shop
- 5. Parts Trailer
- 6. Sub-base
- 7. Cement Tanks
- 8. Shale Bin
- 9. Mud Modules (Tanks & Pumps)
- 10. Generators and Rig Modules
- 11. Field Office
- 12. Temporary Drilling Wastes Storage Cell (Tiger Tanks w/in bermed liner)
- 13. Break/Mud Room/EnviroVac Trailer
- 14. Mud Logging Shack



NORDAQ ENERGY, INC.  
 KNOWLEDGE AND VISION FOR ALASKA

**Figure 5**  
**Preliminary Pad Layout Diagram**

DRILL PAD (500 ft x 500 ft)

# Attachment 5

## Map of the Approved Tiger Eye Unit Boundary

