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MAR 01 2018

**DIVISION OF
OIL AND GAS**



BP Exploration (Alaska) Inc.
900 East Benson Boulevard
P.O. Box 196612
Anchorage, Alaska 99519-6612

February 26, 2018

DOG Permitting
Alaska Department of Natural Resources
Division of Oil and Gas
550 W. 7th Ave., Suite 800
Anchorage, Alaska 99501-3577

Amendment to Unit Plan of Operations
WOA Pad Expansions – Q Pad
Prudhoe Bay Unit

DOG Permitting:


BP Exploration (Alaska) Inc. proposes to place gravel fill into Waters of the United States (US) to expand Q Pad, located in the Western Operating Area (WOA) of the Prudhoe Bay Unit (PBU). The purpose of this project is to provide the necessary access for safely maneuvering larger drilling rigs to access existing wells on the drilling pad. The expansion is necessary to maintain on-going oil and gas production.

In support of our request, attached are the following:

- Project Description/Plan of Operations
- State of Alaska ADN/DOG Lease/Unit Plan of Operations Application including project figures

If you have any questions or require additional information, please contact me at (907) 564-5524, Jennifer.Collins@bp.com.

Sincerely,



Jennifer Collins, Land Use Permitting and Compliance Advisor
HSE-Alaska

Attachments



UNIT PLAN OF OPERATIONS AMENDMENT APPLICATION



State of Alaska
Department of Natural Resources, Division of Oil and Gas
550 W. 7th Ave, Suite 1100, Anchorage, AK 99501-3563
Phone: 907-269-8800 Fax: 907-269-8943
Permitting Email: dog.permitting@alaska.gov

SECTION I: APPLICANT INFORMATION

1. Applicant Name: BP Exploration (Alaska) Inc. Mailing Address: P.O. Box 196612 City: Anchorage State: AK Zip Code: 99519-6612 Phone: See Applicant Contact Fax: 907-564-5020 Email: See Applicant Contact	2. Applicant Contact: Name: Jennifer Collins Title: Reg. & Permitting Lead Advisor - Land Use Mailing Address: P.O. Box 196612 City: Anchorage State: AK Zip Code: 99519-6612 Phone: (907) 564-5524 Fax: 907-564-5020 Email: Jennifer.Collins@bp.com
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3. Unit Name | Prudhoe Bay Unit

4. Unit Operator Contact:
 Name: Jennifer Collins Title: Reg. & Permitting Lead Advisor - Land Use
 Mailing Address: P.O. Box 196612 City: Anchorage State: AK Zip Code: 99519-6612
 Phone: (907) 564-5524 Fax: 907-564-5020 Email: Jennifer.Collins@bp.com
 Describe the relationship between the Unit Operator and the Applicant: Same

SECTION II: 3RD PARTY INFORMATION	SECTION III: APPLICATION DATE AND NUMBER
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3rd Party Company Name: <i>N/A</i> First Name: Last Name: Title: Mailing Address: City: State: Zip Code: Phone: Fax: Email: Describe the affiliation to the Applicant:	<div style="font-size: 2em; font-weight: bold; opacity: 0.5;">RECEIVED</div> <p>1. Application Date (Office Use Only): MAR 01 2018</p> <hr/> <p>2. Application Number: OIL AND GAS Enter number of the Unit Plan of Operations that needs to be amended. 87-040</p>
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SECTION IV: PROJECT INFORMATION

1. Project Name: | Q Pad Gravel Expansion 2018

2. Proposed Start Date: | 5/30/2018

3. Project Description:

Is activity discussed in the approved Plan of Development on file with the Division's Units Section? Yes No

Describe what and where:

BP Exploration (Alaska) Inc. (BPXA) proposes to place gravel fill into Waters of the United States (US) to expand Q Pad, located in the Prudhoe Bay Unit (PBU).

The purpose of this project is to provide the necessary access for safely maneuvering larger drilling rigs to access existing wells on the drilling pad. The expansion is necessary to maintain on-going oil and gas production. The gravel pad expansion will result in a minor deviation in the structure's original configuration and is necessary to accommodate new drilling rigs (new well drilling methods) currently being used in the Prudhoe Bay Unit. The proposed fill area accounts for maximum acreage and fill volume to reach each well currently located at Q Pad. BPXA will avoid and minimize fill into Waters of the US by only completing pad expansions on a well by well incremental basis.

- Scope of Proposed Activities:
- Gravel will be placed over tundra, at incremental amounts only as necessary, up to approximately 0.5 acres of Waters of the US.
 - Up to approximately 4,500 total cubic yards of gravel from permitted sources will be used for the pad expansion.

SECTION V: LAND STATUS

1. State Mineral Estate:

Are supplemental pages for land status included in Appendix C? Yes No

Affected ADL: 028284 Date Effective: 9/1/1965 Date Assigned:

Oil And Gas Lessee(s): BP Exploration (Alaska) Inc.

Surface Ownership: State of Alaska

Do you have, or anticipate having an Access Agreement:

Special Use Lands: N/A

Jointly Managed Lands: N/A

Other Considerations: N/A

Project Components	Meridian, Township, Range, And Section(s)	GPS Coordinates
Place fill on tundra	UMIAT, T11N, R13E, SEC. 16	Lat: 70.313014 Long -148.839464
		Lat: Long
		Lat: Long

2. State of Alaska Surface Lands:

Are supplemental pages for land status included in Appendix C? Yes No

Oil And Gas Mineral Estate Owner: N/A

Access Authorization(s):

Special Use Lands:

Jointly Managed Lands:

Other Considerations:

Project Components	Meridian, Township, Range, And Section(s)	GPS Coordinates

3. Private Lands:

Are supplemental pages for land status included in Appendix C? Yes No

Oil And Gas Mineral Estate Owner: N/A

Surface Ownership And Access Agreement(s):

Special Use Lands:

Jointly Managed Lands:

Other Considerations:

Project Components	Meridian, Township, Range, And Section(s)	GPS Coordinates

SECTION VI: SEQUENCE AND SCHEDULE OF OPERATIONS

Project Milestone #	Project Milestone	Proposed Start Date	Proposed End Date
1.	Place fill on tundra to expand Q Pad	5/30/2018	8/30/2018
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

SECTION VII: PROJECTED USE REQUIREMENTS

1. Describe the proposed operations, including the location and design, of Well Sites:

N/A

2. Describe the proposed operations, including the location and design, of Buildings:

N/A

3. Describe the proposed operations, including the location and design, of Fuel and Hazardous Substances:

N/A

4. Describe the proposed operations, including the location and design, of Solid Waste Sites:

N/A

5. Describe the proposed operations, including the location and design, of Water Supplies:

N/A

6. Describe the proposed operations, including the location and design, of Utilities:

N/A

7. Describe the proposed operations, including the location and design, of Material Sites:

N/A

8. Describe the proposed operations, including the location and design, of Roads:

N/A

9. Describe the proposed operations, including the location and design, of Airstrips:

N/A

10. Describe the proposed operations, including the location and design, of All Other Facilities and Equipment:

Equipment will work from the existing pad and will consist of wheel loaders, dump trucks, and road graders.

11. If another permit(s) is required for the above described Projected Use Requirements, provide the following information:

Agency	Permit Type	Permit Number	Application Status	Projected Use Requirement(s)
USACE	NWP	3a	Submitted - Pending	N/A
NSB	Administrative Approval	Pending	Pending	N/A

SECTION VIII: REHABILITATION PLAN

1. Proposed Level of Infrastructure, Facilities and Equipment Removal:

No change to original plan.

2. Description of Restoration and Rehabilitation Activities for Vegetation, Habitat, Impacted Wildlife, and Other Applicable Resources:

No change to original plan.

SECTION IX: OPERATING PROCEDURES DESIGNED TO MINIMIZE ADVERSE EFFECTS

Describe operating procedures designed to prevent or minimize adverse effects on other natural resources and other uses of the Lease area and adjacent areas including:

Fish and Wildlife Habitats: N/A

Historic and Archeological Sites: N/A

Public Use Areas: N/A

SECTION X: GLOSSARY OF TERMS

Term #	Term	Term Definition
1.	USACE	United States Army Corps of Engineers
2.	NWP	Nationwide Permit
3.	NSB	North Slope Borough
4.	PBU	Prudhoe Bay Unit
5.	BPXA	BP Exploration (Alaska) Inc.
6.		
7.		
8.		
9.		
10.		

SECTION XI: CONFIDENTIALITY

The undersigned hereby requests that each page/section of this application marked confidential be held confidential under AS 38.05.035(a)(8).

APPLICANT CONTACT:

Jennifer Collins

Reg. & Permitting Lead Advisor - La 2/26/2018

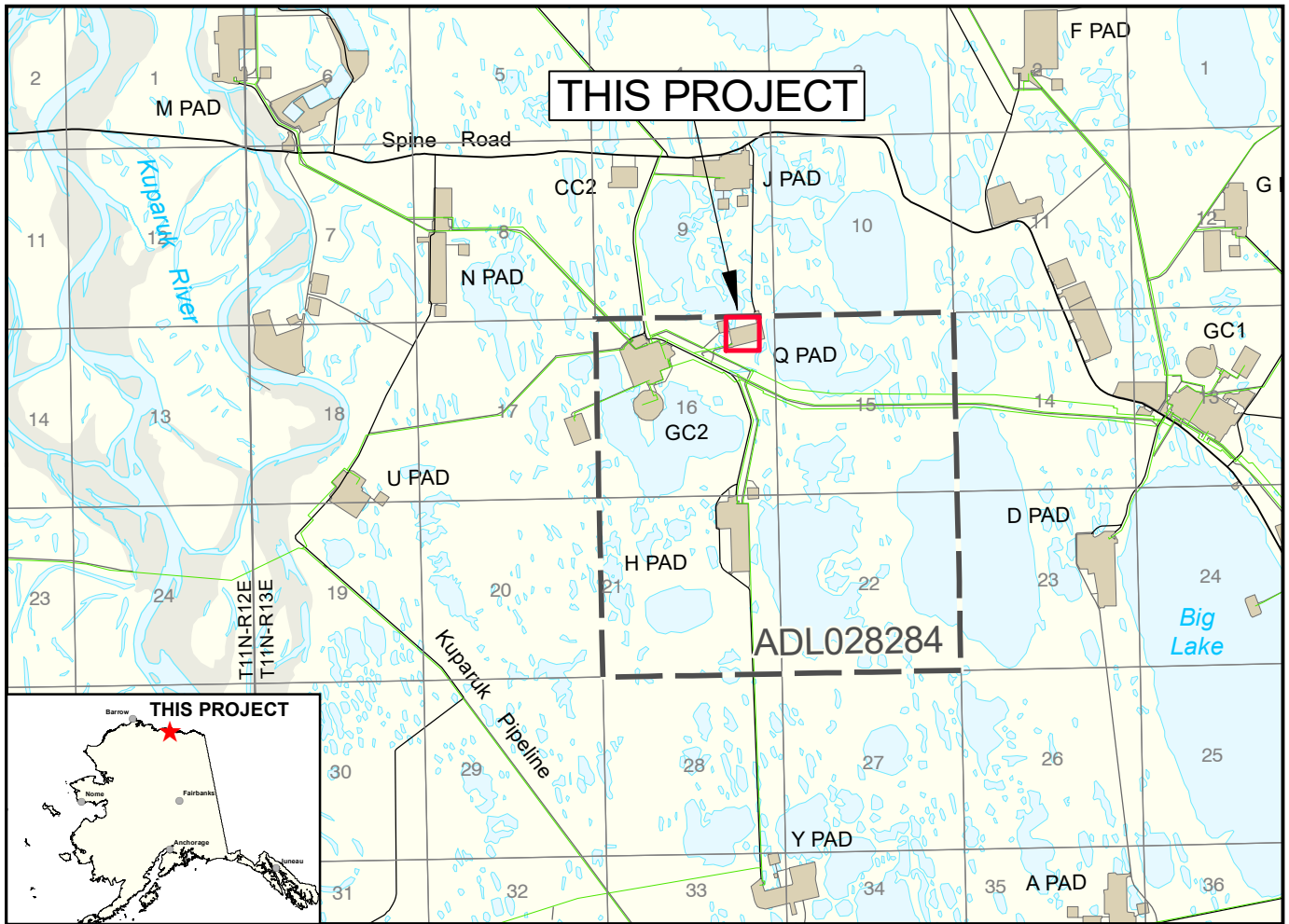
Signature

Name

Title

Date

See attached figures.



This map is based on U.S.G.S quad Beechey Point (B-4) and on the Unit Operator's Facility Maps.



PROJECT LOCATION:

PRUDHOE BAY UNIT - Q PAD
 NAD83
 LAT. = 70° 18' 46.852" / DD 70.313014
 LONG. = -148° 50' 22.069" / DD -148.839464

 ALASKA STATE PLANE ZONE 4, NAD83
 X = 1,783,608.19 FEET
 Y = 5,965,277.54 FEET

 SEC. 16 T11N, R13E UMIAT M.
 ADL # 028284

DATUM: MEAN SEA LEVEL

PURPOSE: GRAVEL EXPANSION

ADJACENT PROPERTY OWNER:
 STATE OF ALASKA

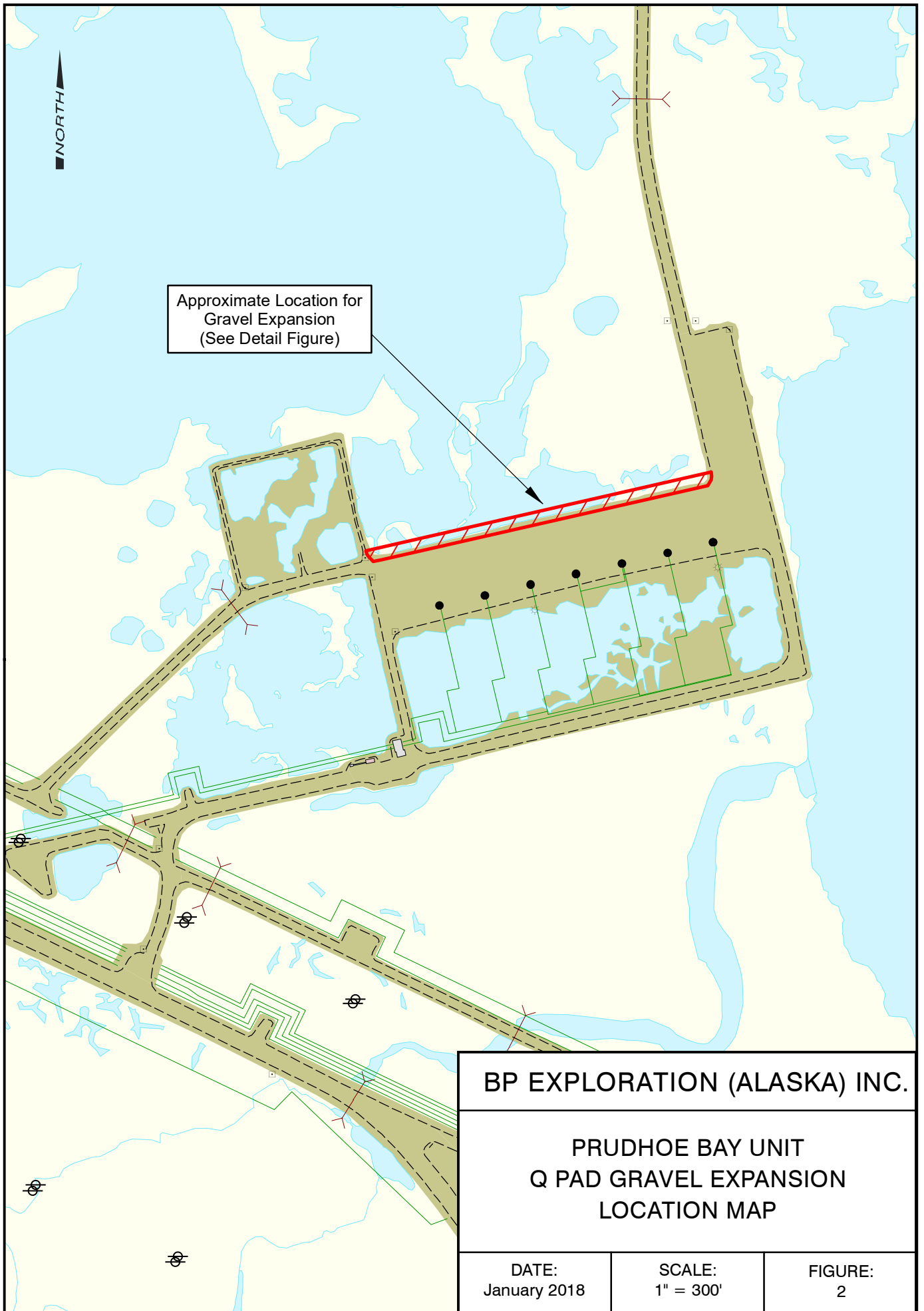
BP EXPLORATION (ALASKA) INC.

**PRUDHOE BAY UNIT
 Q PAD GRAVEL EXPANSION
 VICINITY MAP**

DATE:
 January 2018

SCALE:
 1" = 1 Mile

FIGURE:
 1



Approximate Location for
Gravel Expansion
(See Detail Figure)

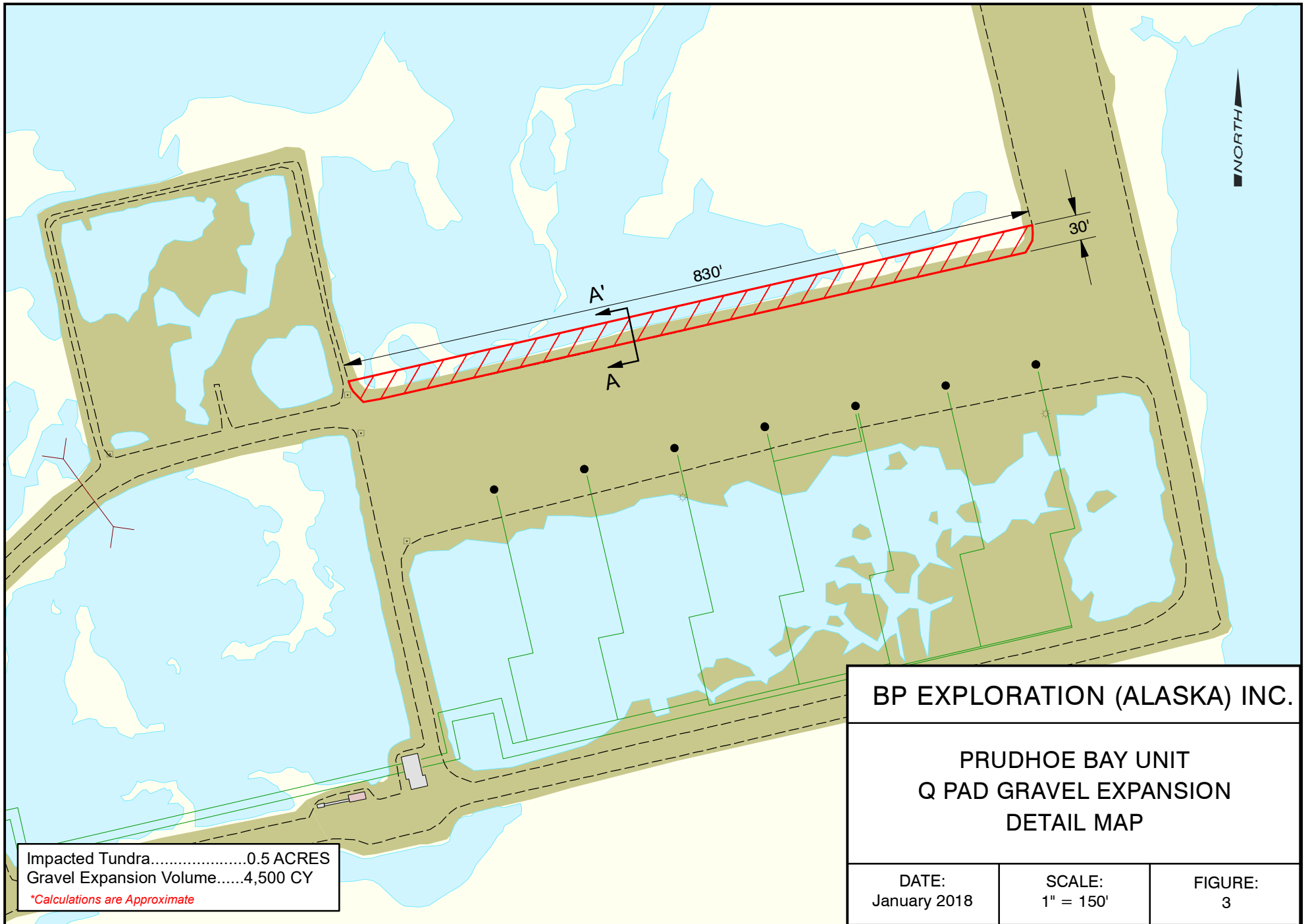
BP EXPLORATION (ALASKA) INC.

**PRUDHOE BAY UNIT
Q PAD GRAVEL EXPANSION
LOCATION MAP**

DATE:
January 2018

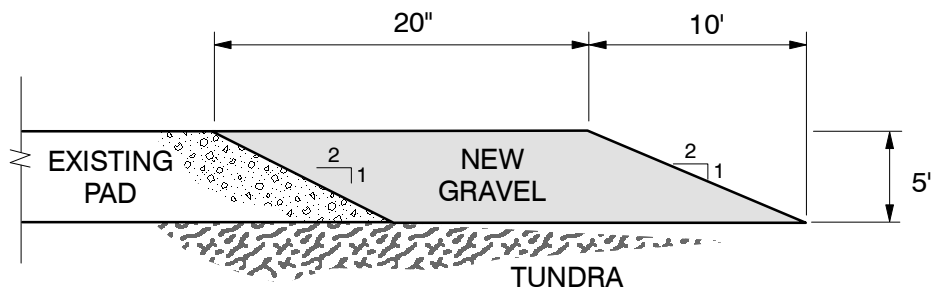
SCALE:
1" = 300'

FIGURE:
2



Impacted Tundra.....0.5 ACRES
 Gravel Expansion Volume.....4,500 CY
**Calculations are Approximate*

BP EXPLORATION (ALASKA) INC.		
PRUDHOE BAY UNIT Q PAD GRAVEL EXPANSION DETAIL MAP		
DATE: January 2018	SCALE: 1" = 150'	FIGURE: 3



CROSS SECTION A - A'

BP EXPLORATION (ALASKA) INC.

PRUDHOE BAY UNIT
Q PAD GRAVEL EXPANSION
CROSS SECTION

DATE:
January 2018

SCALE:
NOT TO SCALE

FIGURE:
4

