



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

July 10, 2017

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  
LO/NS 77-028  
R Pad Expansion for Drilling Rig Access

DOG Permitting:

BP Exploration (Alaska) Inc. (BPXA) proposes to place gravel fill into Waters of the United States (US) to expand the pads at R Pad, located in the Western Operating Area (WOA) of the Prudhoe Bay Unit (PBU). In support of this request, enclosed you will find the following:

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

Please note that this project is not mentioned in the Unit Plan of Development (POD), as the POD covers reservoir development activities, not routine operations and maintenance activities. If you have any questions or require additional information, please contact Pauline Ruddy at (907) 564-5328, [Pauline.Ruddy@bp.com](mailto:Pauline.Ruddy@bp.com) or Jennifer Collins at (907) 564-5524, [Jennifer.Collins@bp.com](mailto:Jennifer.Collins@bp.com).

Sincerely,

A handwritten signature in black ink that reads "Tom Burnett" followed by a stylized flourish.

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Richard Burnett, Coiled Tubing Drilling Superintendent  
BP Exploration (Alaska) Inc

Attachments



- Gravel will be placed over 0.9 acres of tundra at R Pad.
- Approximately 6,500 cubic yards of gravel from permitted sources will be used for the R Pad expansion.
- Equipment will work from the existing pad and will consist of wheel loaders, dump trucks, and road graders

**SECTION V: LAND STATUS**

**1. State Mineral Estate:**

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

Affected ADL: 028279      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: No

Special Use Lands: N/A

Jointly Managed Lands: N/A

Other Considerations: N/A

Project Components	Meridian, Township, Range, And Section(s)	GPS Coordinates
K Pad Gravel Expansion	UMIAT, T12N, R13E, Sec 32	Lat: 70.345414 Long -148.903938
		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**

<b>Project Milestone #</b>	<b>Project Milestone</b>	<b>Proposed Start Date</b>	<b>Proposed End Date</b>
1.	Place 6,500 cubic yards of gravel over 0.9 acres of tundra at R Pad	8/15/2017	3/31/2022
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:

Gravel will be placed over 0.9 acres of tundra at R Pad. Approximately 6,500 cubic yards of gravel from permitted sources will be used for the R Pad expansion.

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:

BPXA proposes to place gravel on the tundra at R Pad in the Prudhoe Bay Unit (PBU). See figures for details.

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)
US Army Corps of En	Nationwide Permit	In process	In process	None
North Slope Borough	Development Permit	In process	In process	None

**SECTION VIII: REHABILITATION PLAN**

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

No change from original plan.

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

No change from 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.		
2.		
3.		
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**SECTION XI: CONFIDENTIALITY**

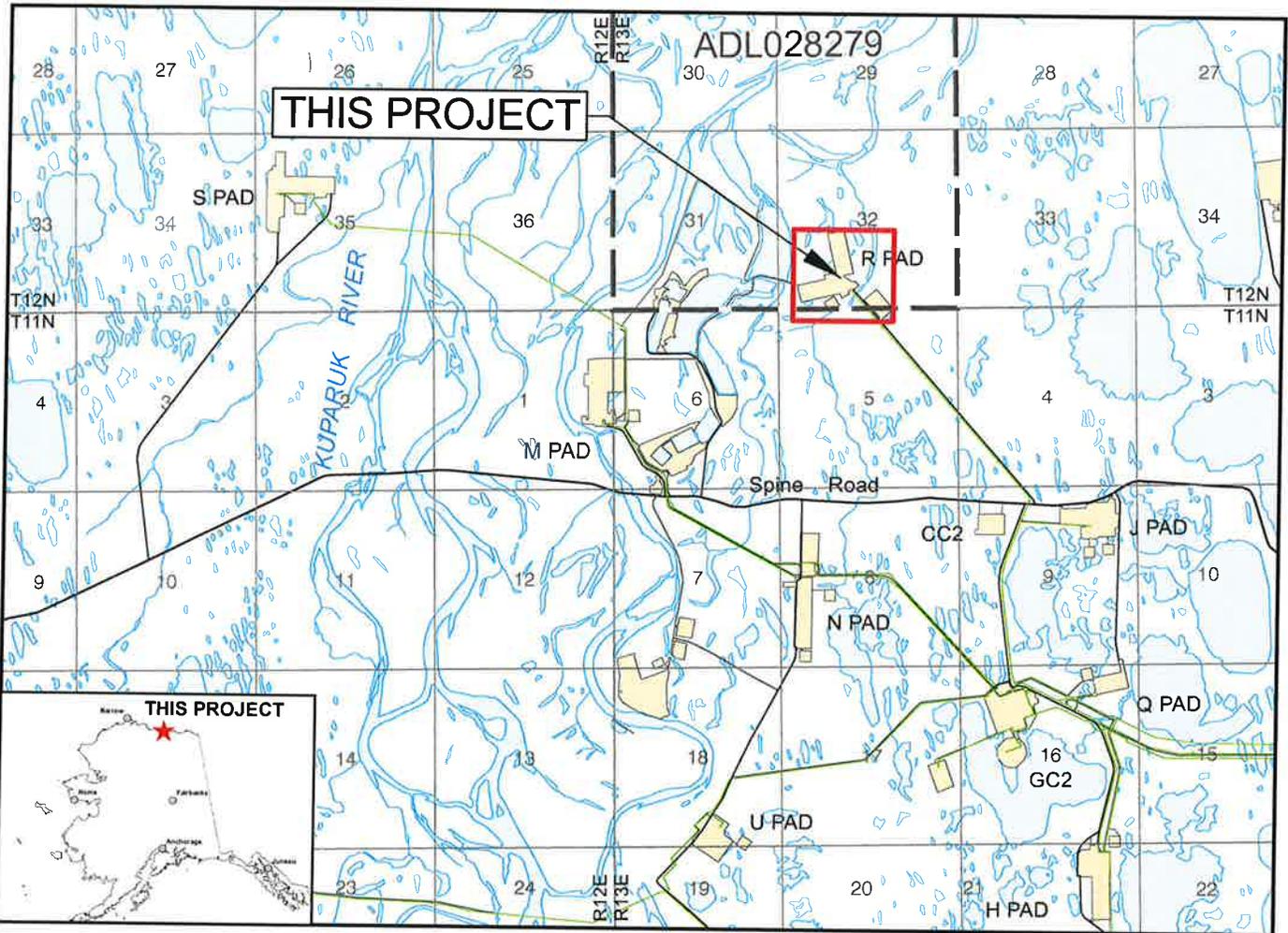
The undersigned hereby requests that each page/section of this application marked confidential be held confidential under AS 38.05.035(a)(8).

APPLICANT CONTACT:

Richard Burnett	CTD Superintendent	7/10/2017
Signature	Name	Title
		Date

**APPENDIX A: MAPS**

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 - R PAD  
 NAD83  
 LAT. = 70° 20' 43.490" / DD 70.345414  
 LONG. = -148° 54' 14.178" / DD -148.903938

ALASKA STATE PLANE ZONE 4, NAD83  
 X = 1,775,440.22 FEET  
 Y = 5,976,986.37 FEET

SEC. 32 T12N, R13E UMIAT M.  
 ADL # 028279

DATUM: MEAN SEA LEVEL

PURPOSE: GRAVEL EXPANSION

ADJACENT PROPERTY OWNER:  
 STATE OF ALASKA

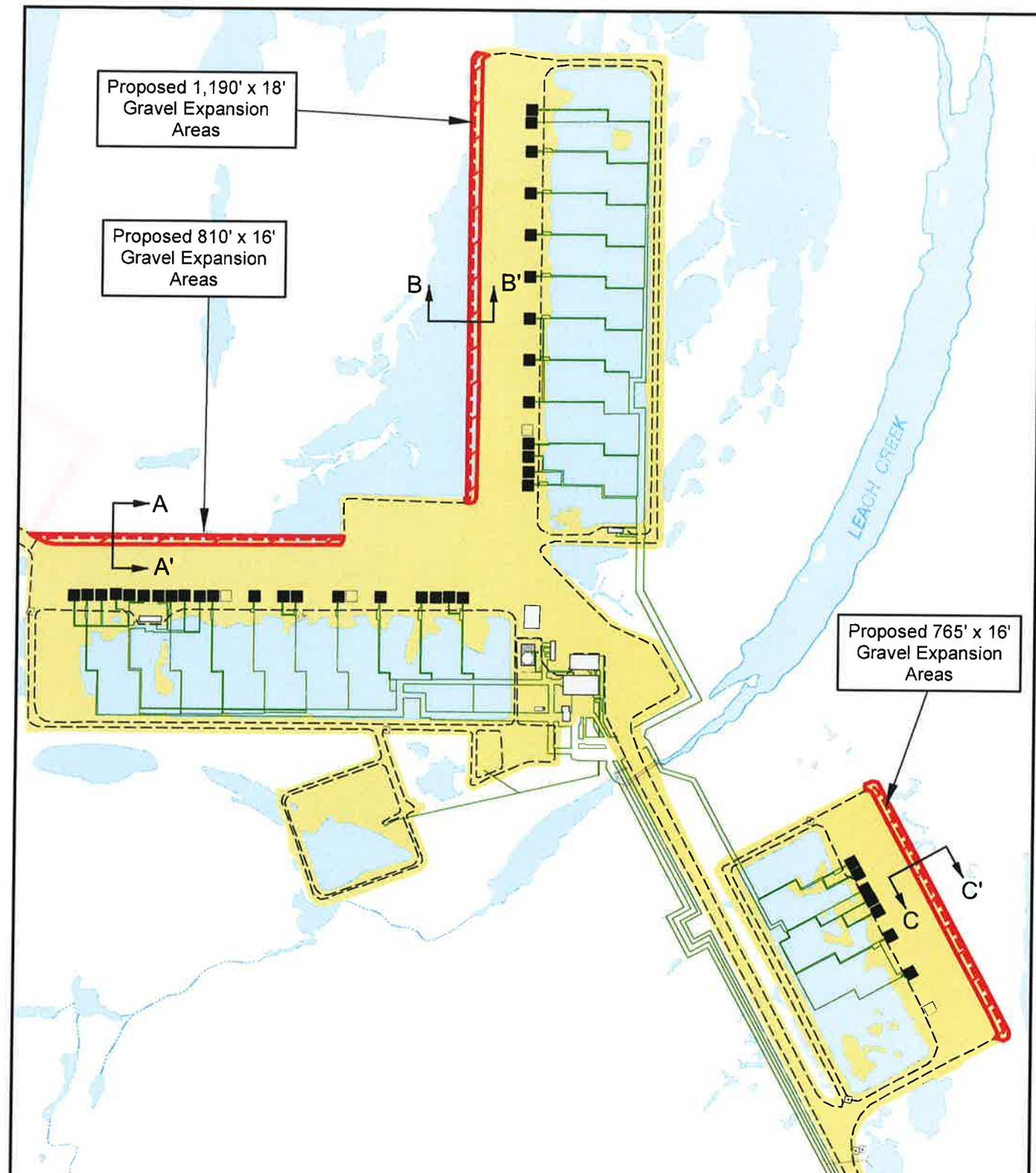
**BP EXPLORATION (ALASKA) INC.**

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

DATE:  
 May 2017

SCALE:  
 1" = 1 Mile

FIGURE:  
 1



Proposed 1,190' x 18'  
Gravel Expansion  
Areas

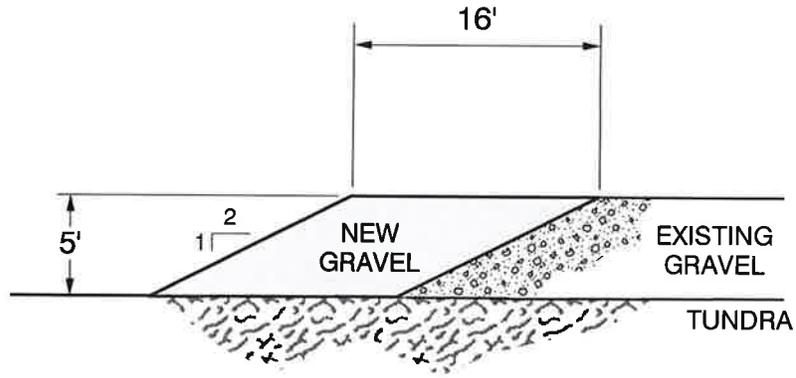
Proposed 810' x 16'  
Gravel Expansion  
Areas

Proposed 765' x 16'  
Gravel Expansion  
Areas

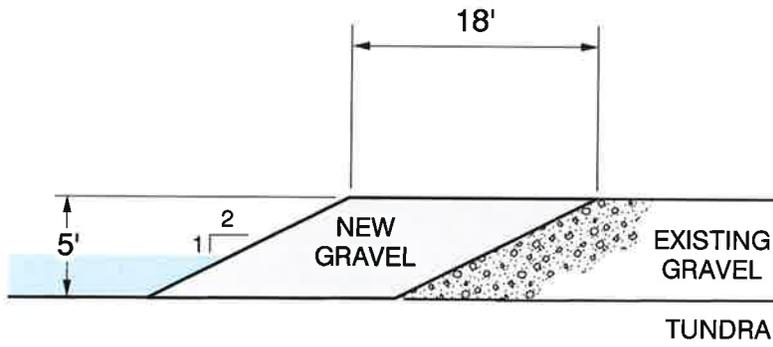


BP EXPLORATION (ALASKA) INC.		
PRUDHOE BAY UNIT R PAD GRAVEL EXPANSION LOCATION MAP		
DATE: May 2017	SCALE: 1" = 375'	FIGURE: 2

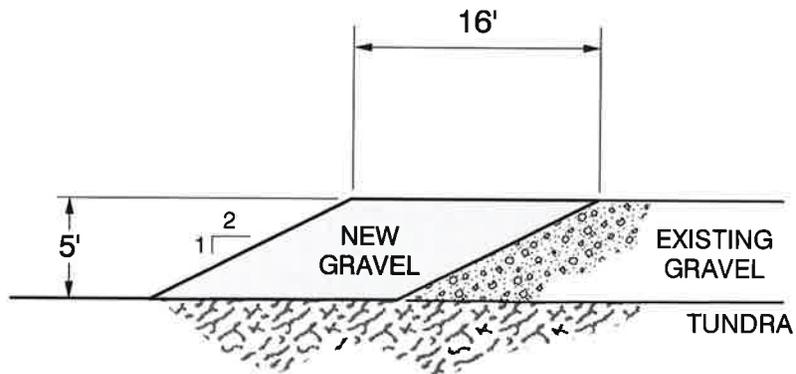
Impacted Tundra.....0.81 ACRES  
Gravel Expansion Volume.....6,075 CY  
*\*Calculations are Approximate*



GRAVEL EXPANSION A-A'



GRAVEL EXPANSION B-B'



GRAVEL EXPANSION C-C'

**BP EXPLORATION (ALASKA) INC.**

**PRUDHOE BAY UNIT  
R PAD GRAVEL EXPANSION  
CROSS SECTIONS**

DATE:  
May 2017

SCALE:  
NOT TO SCALE

FIGURE:  
3

**ALL DIMENSIONS ARE APPROXIMATE**

**APPENDIX B: MITIGATION MEASURES**

**APPENDIX C: OTHER**