



Stephen W. Brashear
Senior Environmental Coordinator

ConocoPhillips Alaska, Inc.
Environmental Sustainability & Permitting
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2/7/2023

DOG Permitting
State of Alaska
Department of Natural Resources
550 West 7th Avenue, Suite 1100
Anchorage, AK 99501-3563

Submitted Electronically to:
dog.permitting@alaska.gov

**RE: DS-3S Pad Expansion and Wells
Request to Amend Unit Plan of Operations LONS 84-131
Kuparuk River Unit**

Dear Regulators,

ConocoPhillips Alaska, Inc. (CPAI) requests approval to expand the existing Drillsite 3S (DS-3S) gravel pad by placing approximately 65,000 cubic yards of clean gravel fill onto 7.75 acres of tundra. In addition to the pad expansion, CPAI requests approval to install 16 new wells, related appurtenances, piping, and vertical support members (VSMs). The pad expansion will provide additional space for the wells, a drilling rig, equipment, and other materials associated with the Coyote development on the DS-3S pad. All work will take place from existing gravel in the Kuparuk River Unit.

The proposed work is scheduled to begin March 15, 2023, or as soon as permits are received.

Additional details are provided in the attached ADNR DOG Unit Plan of Operations Amendment Application form, project description, and figures.

If you have any questions or need additional information, please contact me at (907) 263-4180 or steve.w.brashear@conocophillips.com.

Sincerely,

A handwritten signature in blue ink that reads "Stephen W. Brashear".

Stephen W. Brashear

Enclosures



UNIT PLAN OF OPERATIONS AMENDMENT APPLICATION

State of Alaska
 Department of Natural Resources, Division of Oil & 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: ConocoPhillips Alaska, Inc. (CPAI) Mailing Address: P.O. Box 100360 City: Anchorage State: AK Zip Code: 99510-0360 Phone: N/A Fax: N/A Email: N/A	2. Applicant Contact: First Name: Steve Last Name: Brashear Title: Senior Environmental Coordinator Mailing Address: P.O. Box 100360 City: Anchorage State: AK Zip Code: 99510-0360 Phone: 907-263-4180 Fax: N/A Email: Steve.w.brashear@conocophillips.com
3. Unit Name Kuparuk River Unit	
4. Unit Operator Contact: First Name: Wendy Last Name: Mahan Title: Field Environmental Coordinator Mailing Address: P.O. Box 100360 City: Anchorage State: AK Zip Code: 99510-0360 Phone: 907-659-7212 Fax: 907-659-7254 Email: N1438@conocophillips.com Describe the relationship between the Unit Operator and the Applicant: CPAI is the unit operator.	
SECTION II: 3RD PARTY INFORMATION (Fill out this section only if you are applying for the Applicant)	SECTION III: APPLICATION DATE AND NUMBER
3rd Party Company Name: N/A First Name: N/A Last Name: N/A Title: N/A Mailing Address: N/A City: N/A State: N/A Zip Code: N/A Phone: N/A Fax: N/A Email: N/A Describe the affiliation to the Applicant: N/A	Application Date (Office Use Only): Application Number: LONS 84-131
SECTION IV: PROJECT INFORMATION	
1. Project Name:	DS-3S Pad Expansion and Wells
2. Proposed Start Date:	3/15/2023
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:

ConocoPhillips Alaska, Inc. (CPAI) requests authorization to expand the existing Drillsite 3S (DS-3S) pad by placing approximately 65,000 cubic yard of clean gravel fill onto 7.75 acres of tundra. The proposed pad expansion is necessary to provide adequate space for the installation of 16 new well and related appurtenances, drilling rig, equipment, piping, vertical support members (VSMs) and other materials associated with the Coyote development. All work will take place from existing gravel in the Kuparuk River Unit. See attached project description and figures for additional information.

SECTION V: LAND STATUS

1. State Mineral Estate:

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

Affected ADL: 380107 Date Effective: 7/1/2018 Date Assigned: 11/13/2018
 Oil And Gas Lessee(s): CPAI
 Surface Ownership: State of Alaska
 Do you have, or anticipate having an Access Agreement: Yes No
 Special Use Lands: None identified
 Jointly Managed Lands: None identified
 Other Considerations: None

Project Components	Meridian, Township, Range, And Section(s)	GPS Coordinates
Gravel	Umiat, 12N, 8E, Section 18	Latitude: 70.39436° N, Longitude 150.19638° W
Drilling Wells	Umiat, 12N, 8E, Section 18	Latitude: 70.39436° N, Longitude 150.19638° W
N/A	N/A	N/A

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): N/A
 Special Use Lands: N/A
 Jointly Managed Lands: N/A
 Other Considerations: N/A

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

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): N/A
 Special Use Lands: N/A
 Jointly Managed Lands: N/A
 Other Considerations: N/A

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

SECTION VI: SEQUENCE AND SCHEDULE OF OPERATIONS

Project Milestone #	Project Milestone	Proposed Start Date	Proposed End Date
1.	Gravel	3/15/2023	12/31/2023
2.	Drilling Wells	3/15/2023	12/31/2025
3.	N/A	N/A	N/A
4.	N/A	N/A	N/A
5.	N/A	N/A	N/A
6.	N/A	N/A	N/A
7.	N/A	N/A	N/A
8.	N/A	N/A	N/A
9.	N/A	N/A	N/A
10.	N/A	N/A	N/A

SECTION VII: PROJECTED USE REQUIREMENTS

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

[Click here to enter text.](#)

CPAI proposed to install up to 16 new wells and related appurtenances.

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:

CPAI holds a Spill Prevention, Control and Countermeasure Control Plan for its oil storage and has an approved Oil Discharge Prevention and Contingency Plan to control and clean up any accidental discharges of oils. All oil storage and handling will follow the CPAI procedures and best management practices. Any spills will be communicated to the proper agencies and landowners. CPAI maintains rigorous fuel transfer protocols and procedures, including the use of secondary containment during all fueling operations.

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

Sanitary waste will be hauled to the wastewater treatment facility at Kuparuk Operations Center (KOC). Foodwaste and other non-hazardous waste will be transported to the Oxbow Landfill. Hazardous or solid waste associated with the Project will be managed in accordance with the Alaska Department of Conservation (ADEC) and Environmental Protection Agency regulations.

Drilling waste (muds and cuttings) will be disposed of onsite through annular disposal or transported to an approved Class II disposal well such as the Kuparuk disposal wells at Drill Site 1B. Permanent reserve pits are not required. Waste materials generated from well work will be managed according to the Alaska Waste Disposal and Reuse Guide. Produced water will be processed and re-injected to the subsurface or in certain situations, disposed of through an approved disposal well.

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:				
Approximately 65,000 cy of clean gravel will be required to fill 7.75 acres of WOUS for this project. Materials will be sourced from existing permitted sources (Mine Site(s) C and/or E) within KRU and will be hauled to the project area on the existing Kuparuk River field road system.				
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:				
CPAI proposes to place 65,000 cy of clean gravel fill onto 7.75 acres of tundra to provide additional space for 16 new wells and related appurtenances, drilling rig, equipment, piping, vertical support members (VSMs), modules, and other materials associated with the Coyote development.				
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)
North Slope Borough	Land Management Regulations (LMR) Development Permit	Pending	Preparing	1, 10
SECTION VIII: REHABILITATION PLAN				
1. Proposed Level of Infrastructure, Facilities and Equipment Removal:				
N/A				
2. Description of Restoration and Rehabilitation Activities for Vegetation, Habitat, Impacted Wildlife, and Other Applicable Resources:				
The amended application does not change the plans for rehabilitation upon abandonment outlined in the original authorization.				
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 Unit area and adjacent areas including:				
Fish and Wildlife Habitats: CPAI has a Wildlife Avoidance Interaction Plan designed to prevent or minimize adverse effects on other natural resources.				
Historic and Archeological Sites: CPAI does not believe this would have any impacts to cultural resources since the area has been previously cleared from archeological and cultural clearance. No impacts are expected.				
Public Use Areas: This area is not open to the public.				
Other Uses: N/A				
SECTION X: GLOSSARY OF TERMS				
Term #	Term	Term Definition		
1.	CPAI	ConocoPhillips Alaska, Inc.		
2.	N/A	Not Applicable		
3.	TBD	To be determined		
4.	cy	Cubic Yards		
5.	DS-3S	Drillsite 3S		
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:

Sign here.

Enter Name.

Enter Title.

Enter Date.

Signature

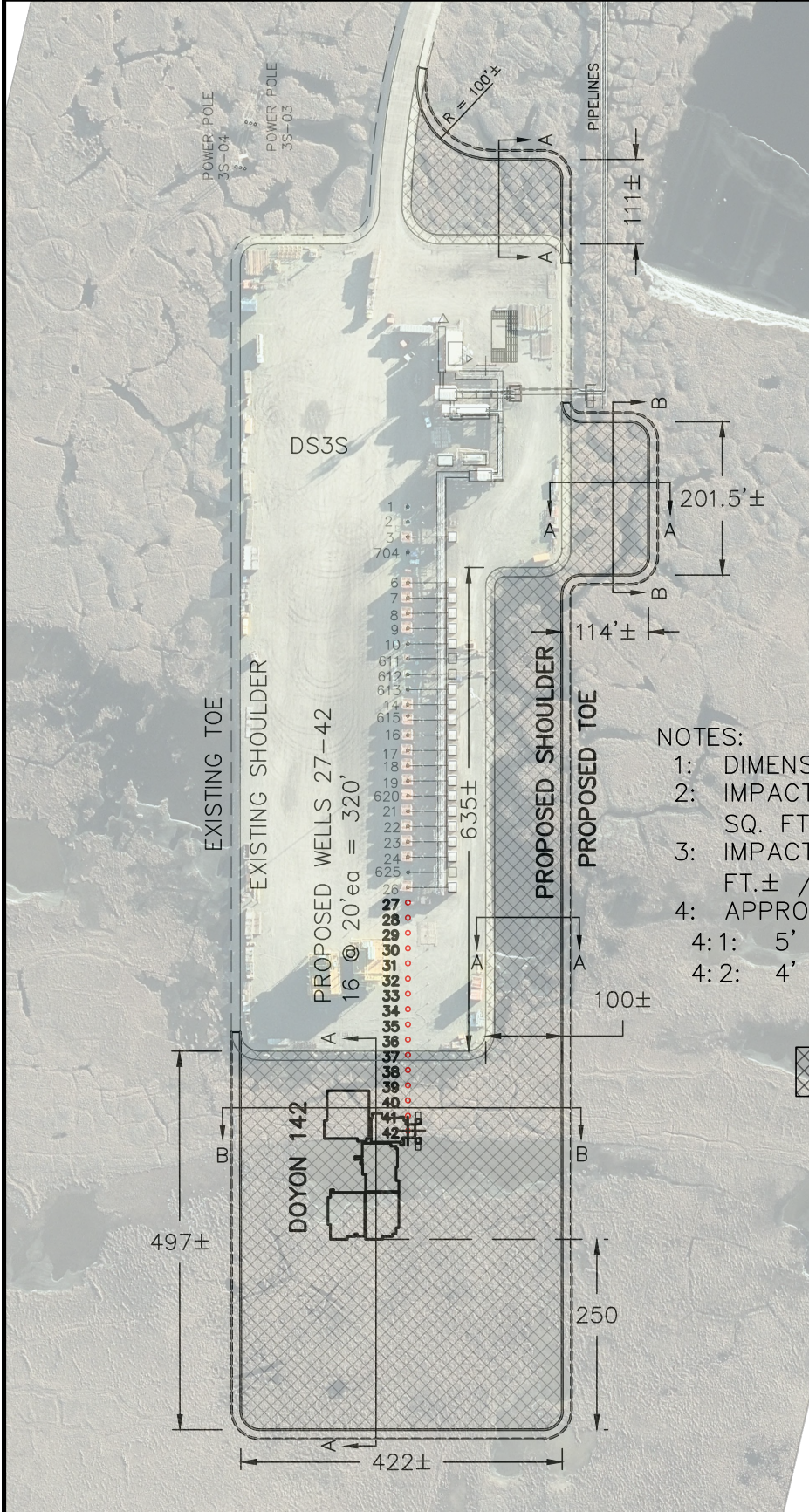
Name

Title

Date

See the attached maps and figures.

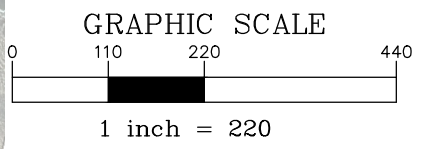
REV	DATE	BY	CK	APP	DESCRIPTION	REV	DATE	BY	CK	APP	DESCRIPTION
2	2/1/23	JLS	MRT		Add Aerial Backdrop	1	1/30/23	JLS	MRT		EXTEND PAD TO WEST




- NOTES:
- 1: DIMENSIONS ARE IN US FEET.
 - 2: IMPACTED AREA MAIN PAD=310,870 SQ. FT.± / 7.14 AC.
 - 3: IMPACTED AREA ENTRY=25,330 SQ. FT.± / 0.58 AC.
 - 4: APPROXIMATE VOLUME
 - 4:1: 5' FILL = 8,100 CU YD PER AC±
 - 4:2: 4' FILL = 6,455 CU YD PER AC±

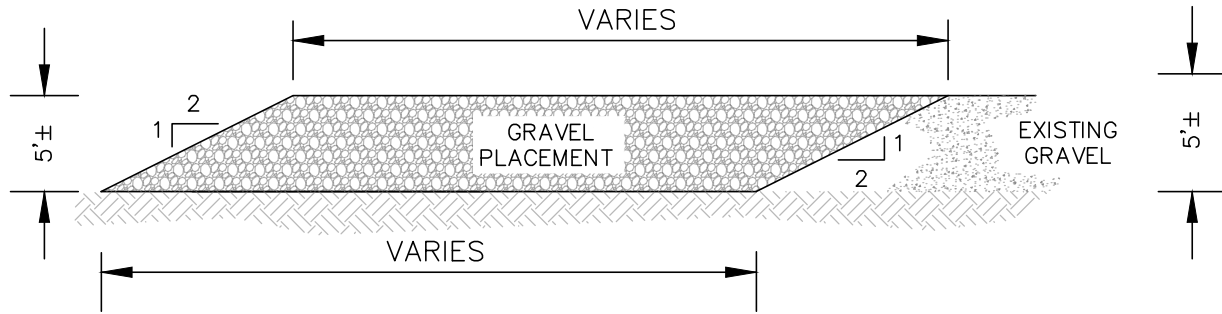
 = PROPOSED GRAVEL PAD ADDITION

16 ○ = Proposed Wells

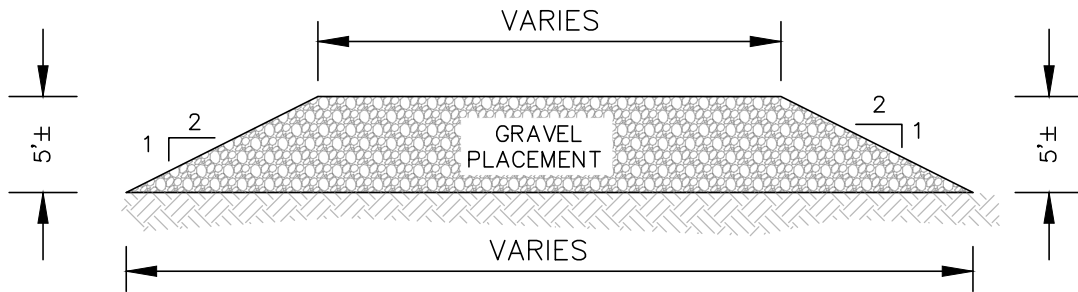


 ConocoPhillips Alaska, Inc.	AREA: 3S	MODULE: XXXX	UNIT: D3
	DS3S PROPOSED GRAVEL EXPANSION PERMIT EXHIBIT		
CADD FILE NO. LK6319D76	1/24/23	DRAWING NO. NSK 6.319 - d76	PART: 2 OF 3
			REV: 2

REV	DATE	BY	CK	APP	DESCRIPTION	REV	DATE	BY	CK	APP	DESCRIPTION
0	1/24/23	JLS	JFC		CREATE DRAWING						



CROSS SECTION A-A
N.T.S.



CROSS SECTION B-B
N.T.S.



ConocoPhillips
Alaska, Inc.

AREA: 3S

MODULE: XXXX

UNIT: D3

DS3S
PROPOSED GRAVEL EXPANSION
PERMIT EXHIBIT

CADD FILE NO.
LK6319D76

1/24/23

DRAWING NO.

NSK 6.319 - d76

PART:
3 OF 3

REV:
0

APPENDIX B: MITIGATION MEASURES

No new exceptions are expected

APPENDIX C: OTHER

See Project Description

Additional permits required for the above Project Use Requirements:

Agency	Permit Type	Permit Number	Application Status	Projected Use Requirement(s)
North Slope Borough	Certificate of Traditional Land Use Inventory Clearance	Pending	Preparing	10
US Army Corp of Engineers	Regional General Permit (RGP-05)	Pending	Preparing	10



DS-3S Pad Expansion and Wells LONS 84-131

Project Description

ConocoPhillips Alaska, Inc. (CPAI) requests authorization to expand the existing Drill Site 3S (DS-3S) pad by placing approximately 65,000 cubic yards of clean gravel fill onto approximately 7.75 acres of tundra. In addition to the pad expansion, CPAI requests approval to install 16 new wells (8 producers and 8 injectors) and related appurtenances such as well lines and vertical support members (VSMs). An extended reach drilling rig, cranes, gravel and water trucks, storage tanks for water and fracking sand, and other equipment will be required for this project. All work will take place from existing gravel in the Kuparuk River Unit, and no ice roads or pads will be required.

No camp or other buildings are included in this project; however, the extra pad space on the west end of the expansion will be used to stage and store significant quantities of drilling supplies and equipment such as fracking sand, seawater tanks with secondary containment, choker skid, pumps, and blending tanks. In addition, tanker trucks will deliver dozens of seawater loads per day from DS-3J to DS-3S to support the drilling activities, and the large trucks require sufficient space to safely navigate the pad during drilling operations. As the drilling rig approaches the last few wells of the well row, it will also protrude up to 250 feet to the west of the well row. The purpose of the pad expansion on the south side of the DS-3S pad is to allow adequate space for the long tanker trucks to drive through and exit the pad without the requirement to turn around in such a congested area. At the same time, cranes will be positioned on the south side of the pad to assist in the well work being done while the drilling rig will be positioned on the north side of the well row. The small expansion area on the east side of the pad at the entrance is necessary to provide a safe turning radius for the long tanker trucks entering and departing the pad.

Drilling operations, water hauling, blending of water and fracking sand, coil work, slick line work, and installation of well lines will be occurring simultaneously. The size of the pad expansion is

the minimum necessary to accommodate all the activity, equipment, supplies, and traffic control in a manner that is safe for personnel and the environment.

The proposed work is scheduled to begin March 15, 2023, or as soon as all required permits are received.

All activities will be conducted in accordance with federal, state, and local regulations, permit stipulations and general concurrence stipulations as appropriate. Please see the attachments for additional details. The figures represent the project plan and will be adjusted as needed for varying field conditions.