



December 27, 2018

Jessika Gonzalez  
Permitting Coordinator  
ConocoPhillips Alaska, Inc.  
PO Box 100360  
Anchorage, AK 99501

**RE: LONS 97-007, ConocoPhillips Alaska, Inc., Colville River Unit, CD2, Qannik Wells and Infrastructure Unit Plan of Operations Amendment Decision.**

Dear Ms. Gonzalez:

The Alaska Department of Natural Resources, Division of Oil and Gas (Division), in accordance with Alaska Statute 38.05 and Alaska Oil and Gas Leasing Regulations (11 AAC 83) grants authorization to conduct activities within the Colville River Unit (CR) as described in the Plan of Operations (Plan) amendment application dated December 5, 2018 for the above referenced project.

**Scope:**

ConocoPhillips Alaska, Inc., (CPAI) requests approval to drill up to six new wells and install Vertical Support Members (VSMs), well cellars, thermosyphons, conductors, well houses, mouseholes, lateral piping, and other associated infrastructure at the Colville Delta No. 2 (CD2) pad. All project work will be done on pad.

**Plan activities include:**

- Drilling up to six new wells.
- Installation of nine new VSMs using slurry method.
- Installation of other associated infrastructure.

**Location information:**

CR

CD2

Meridian: Umiat

Township: 11N

Range: 4E

Section: 2

Lat: -151.0461295, Long: 70.3374327

ADL(s): 380075

CD2 is located approximately 2.5 miles west of CD1.

**Agency review:**

As a courtesy, the amendment application was circulated to Alaska Department of Fish and Game and DNR: Divisions of Mining, Land & Water and Oil and Gas.

**Conditions/Stipulations:**

1. A certified As-Built survey of the activity shall be provided within one year of placement of the improvement. This As-Built must contain a hard copy, as well as a digital GIS file containing a Shapefile or ESRI Feature Class.

Please attach this amendment approval with the original decision. This unit operations amendment approval is issued in accordance with Alaska Statute 38.05, Alaska Administrative Codes 11 AAC 83.346 and 11 AAC 83.303. The Division reviewed this amendment under the unit regulation for the Plan, 11 AAC 83.346, and considers the factors set forth in 11 AAC 83.303(a) and (b). The amendment was also evaluated against the CR agreement for conformance.

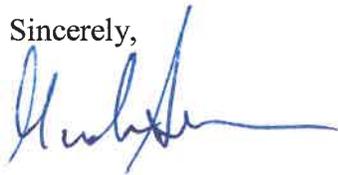
A person affected by this decision may appeal it, in accordance with 11 AAC 02. Any appeal must be received within 20 calendar days after issuance of the decision, as defined in 11 AAC 02.040(c) and (d) and may be mailed or delivered to the Commissioner, Department of Natural Resources, 550 W 7<sup>th</sup> Avenue, Suite 1400, Anchorage, Alaska 99501; faxed to 1-907-269-8918, or sent by electronic mail to [dnr.appeals@alaska.gov](mailto:dnr.appeals@alaska.gov). This decision takes effect immediately. If no appeal is filed by the appeal deadline, this decision becomes a final administrative order and decision of the department on the 31<sup>st</sup> day after issuance. An eligible person must first appeal this decision in accordance with 11 AAC 02 before appealing this decision to Superior Court. A copy of 11 AAC 02 may be obtained from any regional information office of the Department of Natural Resources.

This approval signifies only that the State of Alaska has no objection to the operations outlined in the Plan amendment application. It does not constitute certification of any property right or land status claimed by the applicant nor does it relieve the applicant of responsibility to obtain approvals or permits from other persons or governmental agencies that may also be required. All stipulations contained in the original lease and subsequent Plan approvals remain in full force and effect.

If activities have not commenced, this approval expires on December 27, 2021. Failure to comply with the terms and conditions outlined in the lease, the attached stipulations, and this authorization may result in revocation of this unit operations approval.

Any questions or concerns about this amendment may be directed to Natural Resource Specialist James Hyun at 907-269-8885 or emailed to [james.hyun@alaska.gov](mailto:james.hyun@alaska.gov).

Sincerely,

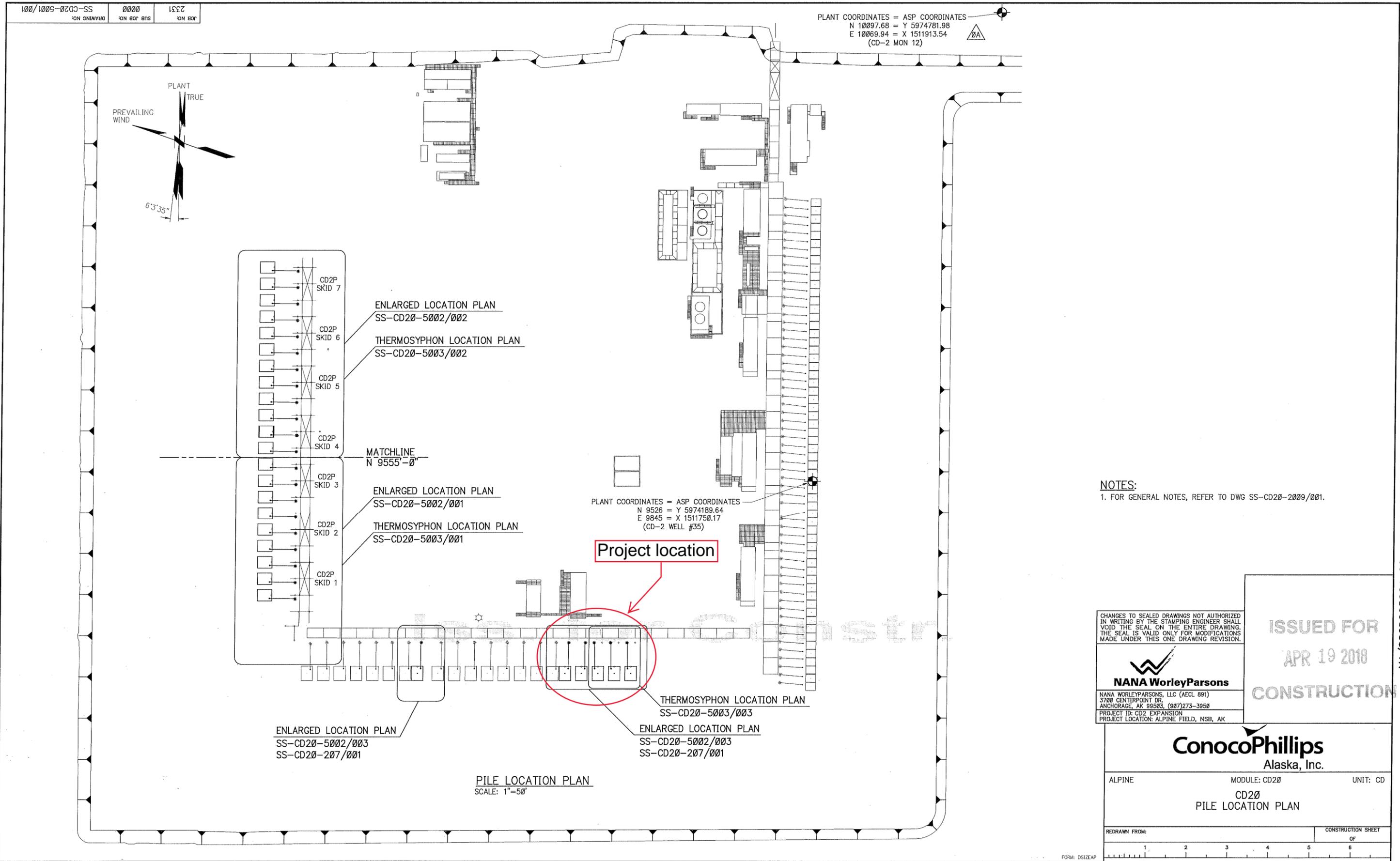


For Nathaniel Emery  
Natural Resource Specialist

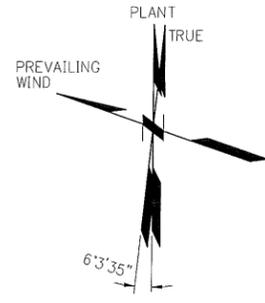
Attachments: Figure 1  
2018 North Slope Mitigation Measures

ecc: DOG: Graham Smith, Nathaniel Emery, Paul Blanche, and Mark Henspeter  
DMLW: Melissa Head, Kimberly Maher, Becky Baird, and Clif Enochs  
ADF&G: Jack Winters

Figure 1



PLANT COORDINATES = ASP COORDINATES  
 N 10097.68 = Y 5974781.98  
 E 10069.94 = X 1511913.54  
 (CD-2 MON 12)



PLANT COORDINATES = ASP COORDINATES  
 N 9526 = Y 5974189.64  
 E 9845 = X 1511750.17  
 (CD-2 WELL #35)

Project location

NOTES:  
 1. FOR GENERAL NOTES, REFER TO DWG SS-CD20-2009/001.

CHANGES TO SEALED DRAWINGS NOT AUTHORIZED IN WRITING BY THE STAMPING ENGINEER SHALL VOID THE SEAL ON THE ENTIRE DRAWING. THE SEAL IS VALID ONLY FOR MODIFICATIONS MADE UNDER THIS ONE DRAWING REVISION.

ISSUED FOR  
 APR 19 2018  
 CONSTRUCTION

**NANA WorleyParsons**  
 NANA WORLEYPARSONS, LLC (AECIL 891)  
 3700 CENTERPOINT DR.  
 ANCHORAGE, AK 99503, (907)273-3950  
 PROJECT ID: CD2 EXPANSION  
 PROJECT LOCATION: ALPINE FIELD, NSB, AK

**ConocoPhillips**  
 Alaska, Inc.

ALPINE MODULE: CD20 UNIT: CD  
**CD20 PILE LOCATION PLAN**

REFERENCE DWG NO/SHT NO:	DESCRIPTION
CE-CD20-124 001	TOPOGRAPHIC SURVEY & SITE PLAN CD-2 PAD
SS-CD20-507 001	CD20 STRUCTURAL PILE LOCATION KEY PLAN ON PAD
SS-CD20-514 001	CD20 STRUCTURAL PILE LOCATION KEY PLAN ON PAD
SS-CD2P-501 001	CD2P STRUCTURAL PILE LOCATION PLAN PIPERACK
SS-CD2P-502 001	CD20 STRUCTURAL PILE LOCATION KEY PLAN ON PAD
SS-CD2P-502 002	CD20 STRUCTURAL PILE LOCATION KEY PLAN ON PAD

REV	DATE	REVISIONS	BY	CHK	JOB ENGR	PROJ ENGR	CUST APP	REV	DATE	REVISIONS	BY	CHK	JOB ENGR	PROJ ENGR	CUST APP
0A	04/18	REVISED PER 22263886PSC									CES	JOP	MJUM	BPJ	AB
0	04/18	ISSUED PER 22263886PSC									CES	JOP	NRP	BPJ	AB

DATE:	04/18	DRAWN:	C. SETTLE	DESIGN:	C. SETTLE	ECM NO:	22263886PSC
CHECKED:	J. PETERSON	APPROVAL:	A. BERTUS	CC NO:		CADD FILE NO:	
SCALE:	AS NOTED	JOB NO:	2331	SUB JOB NO:	0000	DRAWING NO:	SS-CD20-5001
REVISIONS:		PART:	001 of	REV:	0A		

YA/SSCD205001 001 AA 22263886PSC IC VYHILL 2018-04-18T17:50:18