

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

LEASE / UNIT PLAN OF OPERATIONS APPLICATION

Applicant: ConocoPhillips Alaska, Inc. (CPAI) Date: Dec 1, 2008
Contact Person: Bruce St. Pierre Telephone #: (907) 265-6417 Fax # (907) 265-1608
Mailing Address: P.O. Box 100360 Anchorage, AK 99510-0360 E-mail: bruce.st.pierre@conocophillips.com
Is this activity within a unit? Yes Which Unit? Colville River Unit Operator: CPAI
Is any part of the proposed project or activity discussed in the approved Unit Plan of Exploration or Development filed with the Division of Oil and Gas? Yes

If no, attach a detailed explanation.

Is the Applicant acting as: Unit Operator Lessee Other:

Project Description: See Project Description

Project Location / Facility Name: West Colville River Delta (see Project Description)/ CD5

ADL # (mandatory): CD5: (not on state owned land, Lease - ASRC NPR4)

Oil and Gas Bond #: U630618

Plan of Operations require a \$250.00 permit fee; payable to the State of Alaska, Department of Revenue; and *should* accompany this application.

1. Plan of Operations: See attached Project Description
(Attach extra sheets if necessary, include applicable diagrams)
2. Surface Property Owner: Kuukpik Corporation
3. Legal Description: (Include all necessary maps): T11N, R4E, Sec 18; Lat 70.30, Long -151.22
4. Site Access: Seasonal ice roads until gravel road is constructed from CD4 to CD5.
5. Proposed Start-up Date: Late 2010
6. Expected Completion Date: 2040 or end life of field
7. Project Material: Gravel
8. Material Source: ASRC Mine Site. Refer to Sheets 4 and 12 in Project Description for detailed volume summaries and locations.

a) Total Amount: (pads) _____ (roads) _____ (other) _____.

b) Total Acreage Covered: (pads) _ (roads) _ (other)

9. Snow Removal Plan: Alpine Standard Operating Procedures.

10. Will Any Off-road (tundra or ice) Travel be Required? Yes.

a) Period of Off-road Travel: Winter Construction Season

b) Equipment to be Utilized: Approved tundra travel vehicles until ice road is constructed, then rolligons, bulldozers, front end loaders, dump trucks, backhoes, and water trucks.

11. Will a Temporary Water Use Permit be Required? Yes

a) Purpose: Drilling, ice road construction, temporary camp.

b) Sources: Local lakes as approved in new temporary water use permits

Access: Existing gravel roads and ice road system.

c) Max. Anticipated Withdrawal: Up to 2 million gal./day during ice road construction.

12. Will Fuel or Any Other Hazardous Substances be Stored on Site? Yes

a) Type: See below for estimated tankage.

- Production operations storage tanks:
 - One 400-bbl corrosion inhibitor
 - One 150-bbl methanol
 - One 150-bbl emulsion breaker
 - One 50-bbl scale inhibitor
- Temporary tanks:
 - Two 400-bbl brine
 - One 200 bbl cuttings & mud
 - One drill rig diesel tank built in to structure
- Stand-by tanks (normally empty):
 - One 400 bbl tank to facilitate well work

b) Volume: See table above for details.

c) Handling Technique: Alpine Best Management Practices – Fuel Transfer Methods.

d) Access: Seasonal ice road system will be utilized until gravel roads are constructed.

e) Duration of Storage: Life of Project

13. If a Pipeline is Being Constructed, will the line be a:

Common Carrier Pipeline Field Gathering Line Other: See the

following summary table.

Pipeline Sizes

<u>MI</u>	<u>Seawater</u>	<u>Production</u>	<u>Lean Gas</u>
8-inch	10-inch	18-inch	6-inch

- a) Location / Route: Refer to Project Description.
 - b) Number, Diameter and Length: Diameters in table above. Will construct approximately 4 miles of each pipeline .
 - c) Type and Use: Refer to summary table above.
 - d) Construction Access: Seasonal winter ice road system.
14. Plan for Rehabilitation: Upon Abandonment Specific:
15. Is Any Part of this Application Confidential? No
16. How will Solid Waste be Disposed of? Refer to Section 17.0 of the Project Description.
17. What Infrastructure will be Used to Support the Project? Alpine CPF for processing and power generation, camp facilities, KRU for diesel and floodwater, Alpine Common Carrier Pipeline
18. Additional Comments: Please see Project Description for additional details.

The undersigned hereby requests that each page of this application marked confidential be held confidential under AS 38.05.035(a)(9).

Signature

Sr. Environmental Coordinator
Title

Date