



**ANCHOR POINT ENERGY, LLC**

February 18, 2010

Candice Snow  
Alaska Department of Natural Resources  
Division of Mining, Land and Water  
550 West 7th Avenue, Suite 900C  
Anchorage, Alaska 99501-3577

Re: Anchor Point Energy, LLC  
Land Use Permit Application  
Geotechnical Data Collection Program  
Anchor Point Area, Alaska

Dear Ms. Snow:

Anchor Point Energy, LLC is in the process of permitting the construction of a natural gas pipeline in the Anchor Point area on the Kenai Peninsula. Our current plans are described in our attached Plan of Operations.

The test pits in the wetlands will allow us to evaluate water flow rates and soils conditions and obtain bulk samples if necessary for additional analysis. We can't get this quality information through a small diameter soil boring and instead are proposing to dig a number of test holes at various locations along the route (see the attached drawing). and the affected areas will be returned to preconstruction elevations. No clearing will be involved.

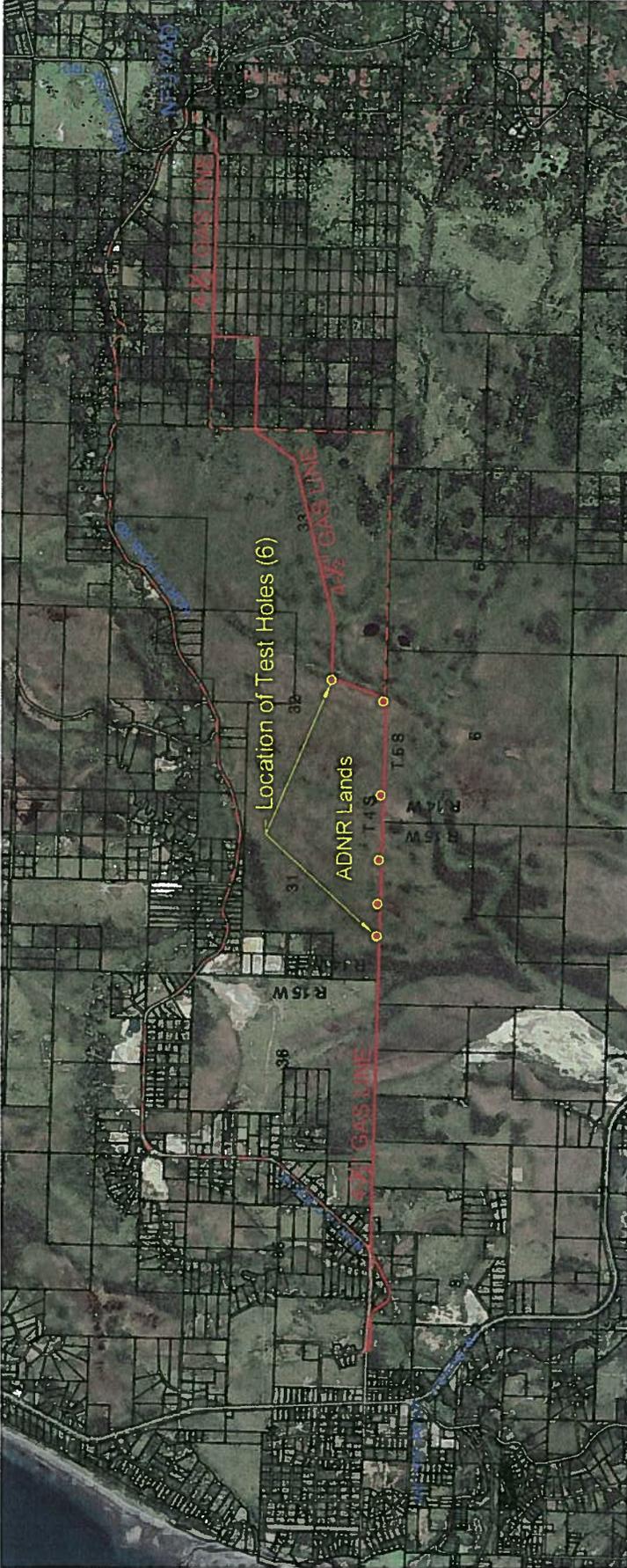
The application and permit fee of \$100.00 for the permit application are attached.

Should you have any questions, you can call me at 303-623-1821 or Bob Britch at 243-7716.

Sincerely,

Ed Teng  
Vice President-Engineering





PROPOSED SOIL TEST HOLES  
 TYPICAL TH LOCATION: ●  
 TEST HOLE DIMENSIONS: 36"W x 42"L x 72"D  
 NUMBER IN WETLAND AREA: SIX (6)

METHOD: USE LGP TRACKED EXCAVATOR. REMOVE FROZEN VEGETATION MAT & SET ASIDE. PLACE SUBSURFACE SOIL ON GEOTEXTILE. BACKFILL IN REVERSE ORDER & REPLACE VEGETATED SURFACE PLUG.

### PIPELINE GEOTECHNICAL INVESTIGATION

**ANCHOR POINT ENERGY, LLC**  
 1421 BLAKE  
 DENVER CO 80202



310 ANDERSON MAPPING / SURVEYING  
 P.O. BOX 888, BOULDER, CO 80509  
 (303) 440-1111  
 WWW.ANDERSONMAPPING.COM

REVISION: N/A  
 DATE: 1/28/2019  
 DRAWN BY: BAA  
 SCALE: 1"=500'  
 PROJECT NO: 09104  
 BOOK NO: N/A  
 SHEET: 1 of 1

**NORTH FORK GAS GATHERING LINE, 4-1/2" DIA. x 39,270 LF**

LOCATION: WEST END: SE 1/4 SEC 34, T4S, R15W, S.M.  
 EAST END: SE 1/4 SEC 28, T4S, R14W, S.M.



**STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF MINING, LAND AND WATER**

**LAND USE PERMIT APPLICATION**

AS 38.05.850

Applicants must complete all sections of this application. In addition, applicants proposing:

- the use of the uplands and non marine waters must also complete the Supplemental Questionnaire for Use of Uplands and Non Marine Waters accompanying this application;
- off-road travel must also complete the Supplemental Questionnaire for Off-Road Travel accompanying this application; and/or
- the use of tide and submerged lands must also complete the Supplemental Questionnaire for Use of Marine Waters accompanying this application.

Other items that must accompany the completed application are:

- a (non-refundable) \$100 application filing fee;
- a 1:250,000 or 1:63,360 scale USGS map showing the location of the proposed activity;
- additional items identified and required in any supplemental questionnaire(s) to this application;
- an Alaska Coastal Management Questionnaire if the proposed use is within the Coastal Zone; and
- additional pages if more space is necessary to answer the questions completely.

**Completed Land Use Permit Applications should be mailed to one of the following offices:**

Public Information Center  
550 W. 7<sup>th</sup> Ave, Suite 1260  
Anchorage, AK 99501  
(907) 269-8400

Public Information Center  
3700 Airport Way  
Fairbanks, AK 99709  
(907) 451-2705

MLW Information Office  
400 Willoughby, #400  
Juneau, AK 99801  
(907) 465-3400

LAS # \_\_\_\_\_

<b>Applicant Information:</b>			
Anchor Point Energy, LLC		N/A	
Applicant Name		Date of Birth	
Same as above		Ed Teng.	
Doing Business As		Contact Person	
1421 Blake Street; Denver, CO 80202		edteng@armstrongoilandgas.com	
Mailing Address with City, State and Zip		Email Address	
( ) N/A	(303) 623-1821	(303) 981-9957	(303) 623-3019
Home Phone	Work Phone	Cell Phone	FAX
If you are applying for a corporation, give the following information:			
Name, address and place of incorporation:		Name and address per above. Incorporated in the State of Colorado	
Is the corporation qualified to do business in Alaska? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> . If yes, provide name, address and phone number of resident agent: Robert Britch; 2454 Telequana Drive; Anchorage, AK 99517 (907) 243-7716 or bbritch@alaska.net			
Type of User, Select one: <input type="checkbox"/> Private non-commercial (personal use) <input type="checkbox"/> Commercial Recreation or Tourism			
<input type="checkbox"/> Public Non-profit including Federal, State, Municipal Government Agency <input checked="" type="checkbox"/> Other commercial or industrial			

<b>Duration of Project:</b> The proposed activity will require the use of state land for: (Check one)
<input type="checkbox"/> a single term of less than one year. Beginning month: _____ Ending month: _____
<input checked="" type="checkbox"/> a multi year term for up to 5 years. Beginning year: 2010 Ending year: 2010
If multi year and seasonal, circle months of use in each year. Jan., <u>Feb., Mar., Apr.</u> May, Jun., Jul., Aug., Sept., Oct., Nov., Dec.

**Project Location**

Latitude/Longitude or UTM: 59 ° 46' to 59° 48' N, 151° 37' to 151 ° 50' W (varies-see maps)

Section: Varies, Township: 4 & 5 S, Range: 14 & 15 W, Meridian: Seward

(The spaces below are to be used if the boundaries of the proposed project cross section lines.)

Section: \_\_\_\_\_, Township: \_\_\_\_\_, Range: \_\_\_\_\_, Meridian: \_\_\_\_\_

Section: \_\_\_\_\_, Township: \_\_\_\_\_, Range: \_\_\_\_\_, Meridian: \_\_\_\_\_

Proposed project will require the use of up to <0.01 acres. (Add additional sheets as necessary)

**Project Description** - Describe in detail your intended use of state land. (State land also includes all tide and submerged lands beneath coastal waters and all shorelands beneath other navigable water bodies of the state.) Discuss development and activities. (Attach additional pages as necessary.)

Test holes are necessary to obtain geotechnical information for pipeline construction. Test holes will be dug using a low track pressure excavator in the winter. Materials will be excavated and placed next to the hole. The holes will be about 3 ft by 3.5 ft by 6 ft deep. The holes will be refilled after the necessary information and soil samples have been obtained. Approximately 6 holes are currently planned, but up to 6 additional holes may be necessary depending on the conditions found. A Hitachi 120 LGP tracked excavator is planned for the work.

Should a portion of the permitted area be closed to the general public? Yes [ ] No [X]. If yes, explain which portion and provide justification for exclusive use:

**Site Description** - Briefly describe the current condition of the proposed site of use, noting any trash, garbage, debris or signs of possible site contamination (If significant, we recommend you provide pictures to establish initial conditions):

The site is currently natural and uncontaminated wetlands.

Are there improvements or materials on the site now? Yes [ ] No [X] If yes, briefly describe the improvements, their approximate value, and who owns them (We recommend you provide pictures of improvements):

**Site Description continued** - Describe the natural vegetation — ground cover, trees, shrubs — and any proposed changes. Describe the location of any estuarine, riparian, or wetlands and any noticeable animal use of area. The general area is in relatively flat lowlands and it has typical flat, wetland terrain. Vegetation includes sedges and grasses. There is good snow cover at this time.

**Site Access** - Describe how you plan to access the site, and your mode of transportation.

The site will be accessible using tracked equipment (snowmobile and excavator) from the North Fork Road and Lichen Street.

If your access is by aircraft, specify the type and size of aircraft: N/A

To access the site, the aircraft is equipped with floats  wheels  skis .

**Number of people**

1. Indicate the number of employees and supervisors who will be working on the site. 3
2. Indicate the number of customers who will be using the site per year or season. N/A
3. Indicate the number of days the site will be used per year or season. 8

**Environmental Risk / Hazardous Substances** - In the course of your proposed activity will you generate, use, store, transport, dispose of, or otherwise come in contact with toxic and/or hazardous materials, and/or hydrocarbons? Yes  No . If yes, please describe:

Onsite equipment will use diesel fuel, oils, etc. for operations.

The types and volumes of fuel or other hazardous substances present or proposed: Up to 60 gal of diesel fuel, 15 gal hydraulic oil in excavator, 6 gal. gasoline in each snowmobile (12 gal total).

The specific storage location(s): No onsite storage.

The spill plan and prevention methods: No onsite fueling, transfer or storage.

**Environmental Risk/Hazardous Substances (continued)** - If you plan to use either above or below ground storage containers (like tanks, drums, or other containers) for hazardous material storage, answer the following questions for each container:

Where will the container be located? No onsite fueling, transfer or storage.

What will be stored in the container? \_\_\_\_\_

What will be the container's size in gallons? \_\_\_\_\_

Give a description of any secondary containment structure, including volume in gallons, the type of lining material, and configuration:  
No fuel will be stored onsite.

Will the container be tested for leaks? Yes[ ] No[ ]

Will the container be equipped with leak detection devices? Yes[ ] No[ ]. If no, describe: \_\_\_\_\_

Do you have any reason to suspect, or do you know if the site may have been previously contaminated? Yes[ ] No[X]. If yes, please explain:

Date Stamp:



Vice President-Engineering

Signature of Applicant or Authorized Representative

Title

AS 38.05.035(a) authorizes the director to decide what information is needed to process an application for the sale or use of state land and resources. This information is made part of the state public record and becomes public information under AS 09.25.110 and 09.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(9) and confidentiality is requested.) Public information is open to inspection by you or any member of the public. A person who is the subject of the information may challenge its accuracy or completeness under AS 44.99.310, by giving a written description of the challenged information, the changes needed to correct it, and a name and address where the person can be reached. False statements made in an application for a benefit is punishable under AS 11.56.210.

## Land Use Permit Application Supplemental Questionnaire for: Off Road Travel

Answer the following questions if your proposed activity includes off-road travel.

**Terrain Factor.** Circle the following terrain type(s) that best describes your route of travel:

- Wetlands
- Open, non-tundra or wetland areas.
- Rivers or other water bodies.
- Wooded areas with trees of 6" or greater diameter (at breast height).
- Tundra areas.

**Vehicles and Weight.** List the number and kinds of vehicles to be used for motorized travel, the weight of each vehicle and the weight of each trailer or sled (including loaded weight) to be carried by that vehicle:

Hitachi 120, Weight approx. 38,000 lbs.

Arctic Cat 600 and/or Polaris 600, Weight approx. 550 lbs

Day trips only and no sleds, trailers, or fuel transportation.

fuel in equipment only and on onsite fueling or lubrication.

**Mileage.**

- State the average total miles traveled in one round trip: 4 miles
- State the number of trips proposed: 8

**Season Factor.** Proposed date(s) of travel will be: From: February 2010 To: April 2010

**Stream and Water Body Crossings.** - Note who you contacted in the DNR, Office of Habitat Management and Permitting:

Date: \_\_\_\_\_ Person: \_\_\_\_\_ **None-can avoid by proper route in.**

**Fuel and Hazardous Substance Factor.** The volume of fuel and hazardous substances to be used is the total volume (in gallons) to be carried on one vehicle and any trailers or sleds that vehicle is towing.

- Maximum volume of fuel (in gallons) that is being transported by one vehicle and any trailers or sleds it is towing:  
60 gallons.

- Hazardous substances other than fuel:

Substance Hydraulic fluid in equipment/tank, <15 gal.

Substance Antifreeze in cooling system, <15 gal

- Do you have an Oil Discharge Prevention and Contingency Plan approved by the Alaska Department of Environmental Conservation? Yes[ ] No[X]
- Do you have either a trained spill response team or a contract with a spill response company? Yes[X] No[ ]

