



GUIDANCE DOCUMENT LAND USE PERMIT 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



Land Use Permit Application Package includes the following items:

- A Land Use Permit application form completed and signed by the applicant.
- Applicants proposing the use of tide and submerged lands must also complete the Supplemental Questionnaire for Use of Marine Waters accompanying this application.
Figures are required in the Supplemental Questionnaire for Use of Uplands and/or Non-Marine Waters as well as the Supplemental Questionnaire for Use of Marine Waters and should show each item labeled so that it corresponds with your description in the Questionnaire. The figures must include:
 - **Location** - Section, Township, and Range lines; North arrow; scale; title; legend (may be attached).
 - **Boundaries** – Boundaries and dimensions of proposed area of use and their relation to geographic features, including water bodies, and existing trails or rights-of-way.
 - **Structures and Storage** - Location and dimensions of buildings, tent platforms, out-buildings and other improvements, and of equipment parking and storage areas, including snow storage areas.
 - **Hazardous substances** – Location and dimensions of storage facilities for hazardous substances, including but not limited to oil, lubricants, fuel oil, gasoline, solvents, and diesel fuel. Include method and dimensions of storage (tank, drum, etc.).
- Other items that must accompany the application package are:
 - **Map** - a topographic map of sufficient scale to show the location of the proposed activity. The map may be either 1:250,000 or 1:63,360.
 - **Filing Fees** - A non-refundable filing fee is required by regulation (11 AAC 05.180(d)(1)(C)). See the current Director's Fee Order for applicable fees. Make checks payable to the "State of Alaska Department of Natural Resources".
 - **Other Miscellaneous Items:** Items specifically identified and required in any of the supplemental questionnaires.

Pre-Permit Issuance Requirements: Prior to issuance of a permit, an applicant is required to submit one or more of the following:

Use Fees - The use fee depends on the type of activity, length of use and the acreage authorized for use. See the current Director's Fee Order for applicable fees.

Performance Guaranty (Bond) - A performance guaranty is held by the state to assure performance and to pay for corrective action if the use of state land fails to comply with the requirements of the permit. The Division of Oil and Gas uses a bonding matrix to determine the amount of a performance guaranty. Acceptable types of performance guaranties include:

- a. cash or check made out to the State of Alaska;
- b. a Certificate of Deposit (CD) in the state's name; or
- c. a corporate surety bond.

Insurance - Insurance to protect you and the state from liabilities incurred through the use of state property.

Survey - Surveys are generally not required for land use permits. Some authorizations may require a Global Positioning System (GPS) to determine the location of the project.

If you have any questions prior to submitting your application, you are encouraged to meet with a member of the Division of Oil & Gas staff about your proposed activity. Completed applications should be emailed to the Division of Oil & Gas Permitting Section at dog.permitting@alaska.gov.

ONLY COMPLETE APPLICATIONS WILL BE ACCEPTED



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SECTION I: APPLICANT INFORMATION		
1. Applicant:		2. Applicant Contact:
Name: ASRC Energy Services Alaska (ACES)		First Name: Amanda Last Name: Dial
Mailing Address: 3900 C Street, Suite 600		Title: Project Manager
City: Anchorage		Is the Mailing Address the same as Applicant's Mailing Address? <input checked="" type="checkbox"/> Yes
State: Alaska Zip Code: 99503		If "No", please provide information below:
Phone: 907-334-1662 Fax: N/A		Mailing Address: Enter Mailing Address.
Email: adial@asrcenergy.com		Address: Enter City. State: Enter State. Zip Code: Enter Zip Code.
Phone: 907-334-1662 Fax: N/A		Phone: Enter Phone. Fax: Enter Fax.
Email: adial@asrcenergy.com		Email: Enter Email.
SECTION II: THIRD PARTY INFORMATION (Fill out this section only if you are applying for the Applicant)		SECTION III: APPLICATION DATE AND NUMBER (FOR DIVISION USE ONLY)
Third Party Company Name: Enter 3rd Party Company Name.		Application Date:
First Name: Enter First Name. Last Name: Enter Last Name.		
Title: Enter Title.		
Mailing Address: Enter Mailing Address.		
City: Enter City.		
State: Enter State. Zip Code: Enter Zip Code.		
Phone: Enter Phone. Fax: Enter Fax.		
Email: Enter Email.		
Describe the affiliation to the Applicant:		Application Number:
Describe your affiliation to the Applicant.		
SECTION IV: PROJECT INFORMATION		
1. Project Name: AOGCC Orphan Wells Program: Burglin 33-1 Well Activities		
2. Proposed Duration:		The proposed activity will require the use of state land for: (Check one) <input checked="" type="checkbox"/> a single term of less than one year. Starting Date: January 2026. Ending Date September 2026. <input type="checkbox"/> a multi-year term for up to 5 years. Starting Date: Enter Date Ending Date Enter Date If multi-year and seasonal check months of use in each year: <input type="checkbox"/> Jan <input type="checkbox"/> Feb <input type="checkbox"/> Mar <input type="checkbox"/> Apr <input type="checkbox"/> May <input type="checkbox"/> Jun <input type="checkbox"/> Jul <input type="checkbox"/> Aug <input type="checkbox"/> Sept <input type="checkbox"/> Oct <input type="checkbox"/> Nov <input type="checkbox"/> Dec
3. Project Location:		
Project Components	Meridian, Township, Range, And Section(s)	GPS Coordinates
2026 Ice Road Prepacking and Construction	Umiat Meridian 010N014E Section 22, 23, 24, 27, 33, 34	70.20682, -148.47684 (start) 70.17323, -148.58029 (end)

2026 Well Plugging and Abandonment	Umat Meridian 010N014E Section 33	70.17278, -148.58139
2026 Reserve Pit, Flare Pit, and Gravel Pad Remediation	Umat Meridian 010N014E Section 33	70.17194, -148.58250 (Reserve Pit) 70.19625, -148.62546 (Flare Pit) 70.17278, -148.58139 (Gravel Pad)
2026 Summer Site Sampling with Helicopter Support	Umat Meridian 010N014E Section 33	70.17278, -148.58139

The proposed project will require the use of up to 0 acres.	
4. Project Description:	
<p>A. 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.</p> <p>The objective of this Project is to plug and abandon orphan well Burglin 33-1 and conduct site clean-up and remediation of the reserve pit, flare pit, and gravel pad. Winter work is planned to be conducted via a constructed ~ 4-mile ice road from Deadhorse to the Burglin 33-1 well pad. Personnel will be based in Deadhorse, eliminating the need for a camp at the site. The summer work will also be based out of Deadhorse and will use helicopter support to access the well pad.</p>	
<p>B. Should a portion of the permitted area be closed to the general public? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>. If yes explain which portion and provide justification for exclusive use:</p> <p>For general public safety, only authorized personnel should access the project site.</p>	
<p>C. Briefly describe the current condition of the proposed site of use, noting any known garbage, debris or signs of possible site contamination (If significant, we recommend you provide pictures to establish initial conditions):</p> <p>The project site was visually inspected in 1998 and 2024 with conditions documented and photographed. The pad has two main debris piles, two large empty tanks, multiple drums and other debris left on the site from the original drilling operation in 1985. The 1998 ADEC report stated there were visual indicators of staining on the pad, however, they were not visible during the 2024 site visit. The 2025 sampling events confirmed there's no contamination within the pad gravel due to previous activities on the pad. There is also a wellhead, tree and cellar on the pad. The wellbore has diesel inside of it for freeze protection.</p>	
<p>D. Are there improvements or materials on the site now? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>. If yes, briefly describe the improvements, their approximate value, and who owns them (We recommend you provide pictures of improvements):</p> <p>The only materials on the site are debris left from when the well was drilled.</p>	
<p>E. 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.</p> <p>The area is typical of the North Slope; dominated by tundra and wetlands with no trees or shrubs. Vegetation cover is present but slow growing and small. There are no proposed changes to the natural environment; all work will occur within the gravel well pad area.</p>	
<p>F. Describe how you plan to access the site and your mode of transportation.</p> <p>Travel to and from the site will occur via a constructed ice road (January 2026) or helicopter support (summer 2026).</p>	
5. Environmental Risks / Hazardous Substances	
<p>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 <input checked="" type="checkbox"/> No <input type="checkbox"/>. If yes, please describe below:</p>	
<p>A. The types and volumes of fuel or other hazardous substances present or proposed:</p> <p>There is potential interaction with hydrocarbons and associated equipment due to the nature of the site and project. All waste will be disposed of at an appropriate disposal site. At this time, the exact volumes are unknown.</p>	
<p>B. The specific storage location(s):</p> <p>No on-site storage is planned beyond the day tanks and internal tanks within the equipment being used for daily support; all hazardous substances will be removed from the work site and disposed of at an appropriate disposal site.</p>	
<p>C. The spill plan and prevention methods:</p> <p>All current North Slope Borough guidelines regarding spill plan and prevention methods will be adhered to, including the use of duck ponds and proper containment.</p>	
SECTION V: PERFORMANCE GUARANTY	
<p>Bonded Company: Enter Bonded Company.</p> <p>Type: Enter Bond Type. Number: Enter Bond Number. Amount: Enter Bond Amount.</p> <p>Bonding Company: Enter Bonding Company.</p> <p>Mailing Address: Enter Mailing Address.</p> <p>City: Enter City. State: Enter State. Zip Code: Enter Zip Code.</p> <p>Phone: Enter Phone. Fax: Enter Fax. Email: Enter Email.</p>	
SECTION VI: INSURANCE	
Comprehensive General Liability Insurance:	
<p>Amount of Insurance: Commercial General Liability \$1M Primary</p>	

Insurer Name: Everest National
Insurance Company

Mailing Address: 100 Everest Way

City: Warren

State: NJ

Zip Code: 07059

Phone: (908) 604-3000

Fax: (908) 604-
3415

Email: anabella.morales@
alliant.com

SECTION VII: GLOSSARY OF TERMS

Is a Supplemental Questionnaire included in Appendix B?

☒ Yes

☐ No

Term #	Term	Term Definition
1.	ACES	ASRC Consulting and Environmental Services, LLC
2.	AOGCC	Alaska Oil and Gas Conservation Commission
3.	P&A	Plug and Abandonment

APPENDIX A: MAPS

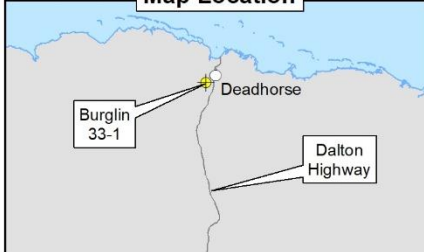
See attached maps below.







Map Location



-  Well Site
-  Project Access Ice Road



BURGLIN PAD ACCESS ICE ROAD
2025 Burclin 33-1 Well P&A Project
North Slope Borough LMR Permit Application

SCALE: 0 200 400 Feet

FIGURE:
2

APPENDIX B: Questionnaire

See attached Supplemental Questionnaire.

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Environmental Risk Questionnaire

State of Alaska
Department of Natural Resources, Division of Oil & Gas
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The purpose of this questionnaire is to help clarify the types of activities you propose to undertake. The questions are meant to help identify the level of environmental risk that may be associated with the proposed activity. The evaluation of environmental risk for the proposed activity does not imply that the parcel or the proposed activity is an environmental risk from the presence or use of hazardous substances.

Through this analysis, you may become aware of environmental risks that you did not know about. If so, you may want to consult with an environmental engineer or an attorney.

SECTION I: SUPPLEMENTAL INFORMATION

1. Describe the proposed activity:

The Project is to plug and abandon orphan well Burglin 33-1 and conduct site clean-up and remediation of the reserve pit, flare pit, and gravel pad. Winter work is planned to be conducted via a constructed ~ 4-mile ice road from Deadhorse to the Burglin 33-1 well pad. Personnel will be based in Deadhorse, eliminating the need for a camp at the site. The summer work will also be based out of Deadhorse and will use helicopter support to access the well pad.

2. In the course of your proposed activity will you generate, use, store, transport, dispose of, or otherwise come into contact with toxic, and/or hazardous materials and/or hydrocarbons? If yes, please list the substances and associated quantities.

There is potential interaction with hydrocarbons and associated equipment due to the nature of the site and project. All wastes will be disposed of at an appropriate disposal site.

3. If the proposed activities involve any storage tanks, either above or below ground, address the following questions for each tank. Where appropriate, include maps or plats:

A. Where will the tank be located?

N/A

B. What will be stored in the tank?

N/A

C. What will be the tank capacity in gallons?

N/A

D. What will the tank be used for? (Commercial or residential purposes?)

N/A

E. Will the tank be tested for leaks?

N/A

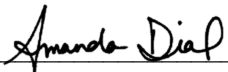
F. Will the tank be equipped with leak detection devices? If yes, please describe:

N/A

G. Do you know or have any reason to suspect that the site may have been previously contaminated? If yes, please explain:

During the 1998 site visits, there were numerous documented locations around the pad of staining and records show that drilling mud was deposited around the western edge of the reserve pit, supporting the case for additional testing. Follow up testing in 2025 showed no contaminant exceedances that would require additional remediation beyond what is already planned.

I certify that due diligence has been exercised and proper inquiries made in completing this questionnaire, and that the foregoing is true and correct to the best of my knowledge.



Signature

12/12/2025

Date

Project Manager

Applicant Title

APPENDIX C: Project Description

See attached Project Description.

Burglin 33-1 Project Description

Project Background

The project site contains an existing gravel pad that was constructed in 1985, prior to the drilling of the Burglin 33-1 well. The well site underwent a documented inspection by Alaska Department of Environmental Conservation (ADEC) and Alaska Department of Natural Resources (ADNR) in July 1998. Photographs from this visit indicate that the reserve pit and flare pit perimeter mounds remained intact. The flare pit exhibited mounded sides; however, a portion of it had accumulated surface water, while the remaining area was still vegetated with tundra. The reserve pit was observed to be full of water, with liner edges visible. A subsequent site visit was conducted by Alaska Department of Fish & Game (ADF&G), ADEC, and ADNR in August 1998.

During the August 2024 survey, Alaska Oil and Gas Conservation Commission (AOGCC) and ASRC Energy Services Alaska again inspected the flare pit and reserve pit perimeter mounds. The flare pit perimeter remained intact, containing both accumulated water and tundra grass growth. In contrast, the reserve pit perimeter showed evidence of breaching, where segments of the gravel had settled or compacted, allowing water within the reserve pit to come into contact with the surrounding tundra and surface water. Sporadic grass and tundra growth were observed throughout the gravel pad.

Project Purpose

The AOGCC has been awarded a grant from the U.S. Department of the Interior (DOI) under the Orphan Well Plugging and Remediation Program to identify, evaluate, plug and abandon (P&A), and remediate orphan wells on state and private lands in Alaska. This project involves several agencies. The AOGCC will lead this effort and interface with DOI, and the Alaska Department of Transportation and Public Facilities (ADOT&PF) will administer the contract.

The objectives of the project are to P&A orphan wells on state or private lands throughout the state of Alaska and to remediate the surrounding area, including the identification and remediation of any surface and groundwater contamination. The primary priority is to perform the P&A activities and site clearance, followed by the closing of any active reserve pits, and the remediation of found contaminated sites as the third.

Burglin 33-1 is an orphan well located on state property approximately 3 miles southwest of Deadhorse, Alaska (See Table 1). The well was drilled in 1985 by Alaska Crude Corporation, a company that no longer exists. The well currently has diesel in it from surface to 2,200 feet and has not been abandoned per current state regulations. ADEC has confirmed the reserve pit needs to be closed out per regulations and the site needs to be closed out per ADNR.

Table 0. Project Location

Project Component	Latitude (WGS84)	Longitude (WGS84)
Burglin 33-1 Well	70.17278	-148.58139
Burglin 33-1 Reserve Pit	70.17194	-148.58250
Burglin 33-1 Flare Pit	70.19625	-148.62546
Burglin 33-1 Ice Road Start	70.20682	-148.47684
Burglin 33-1 Ice Road End	70.17323	-148.58029

Project Scope & Components

Approximately four miles of ice road will be required to access the well site. The route will originate north of Deadhorse Airport, extend west for approximately 2 miles, and then turn southwest toward the wellsite. Prepacking activities will be conducted to retain snowfall along the planned alignment.

Construction of the ice road will be contingent upon appropriate weather conditions. The proposed route does not cross any streams or other water bodies. Water required for ice-road construction is currently planned to be sourced from Colleen Lake.

In accordance with AOGCC regulations, P&A of the well will require heavy equipment such as a coiled tubing unit. Additionally, cementing equipment, fluid-hauling trucks, crane operations, and other necessary equipment will be used to support P&A activities. Simultaneously, the debris piles, empty tanks, drums and other debris left on the site from the original drilling operation will be removed and disposed of at the appropriate disposal site(s). The work will be supported by personnel housed in Deadhorse, which eliminates the need for an onsite camp.

Upon completion of the P&A, the wellhead is cut off at least 3 feet below original tundra level, and a steel plate is welded in place. The excavation is backfilled and mounded with clean gravel fill to combat natural settling over time. The P&A operation is estimated to take 21 days.

During the 1998 site visits, numerous areas of staining were documented around the pad, and records indicate that drilling mud was deposited into the western edge of the reserve pit. In April 2025, the reserve pit, flare pit, and gravel pad were sampled to determine the extent of the contamination. A follow up sampling event was later conducted in September 2025 to look for staining documented in 1998 and to conduct additional sampling.

Although analytical results from both sampling events confirmed Chromium exceedances, they are attributed to background levels consistent in the area and across the North Slope. Analytics also confirmed there is no contamination within the reserve pit or flare pit and ADEC confirmed the pad gravel can be used to backfill the reserve pit. An ADEC Reserve Pit Closeout plan will be submitted and approved by ADEC prior to remediation work beginning in February 2026.

The proposed schedule for the project is presented in Table 2. In the table, the dates are approximate and may be altered by weather or other logistical requirements. Due to the nature of winter operations, the timing of specific activities will depend on environmental conditions and the opening and closure of winter tundra travel.

Table 2. Project Schedule

Activity	Start date	End date
Ice Road Prepacking and Construction	January 1, 2026	January 15, 2026
Well Plugging and Abandonment	January 16, 2026	February 7, 2026
Reserve Pit, Flare Pit, and Gravel Pad Remediation	January 16, 2026	April 15, 2026
Site Cleanup	April 15, 2026	April 30, 2026
No Work Expected	May 1, 2026	July 31, 2026
Site Visit / Closeout	August 1, 2026	August 5, 2026

Site Clean Up & Deconstruction

Preliminary discussions with ADEC indicate that the reserve pit liner must be removed, any confirmed contaminated material excavated, and the reserve pit backfilled. Surface water sample analysis will determine if the reserve pit ice layer and free water below will require disposal or dewatering, however, 2025 analytical data indicates there is no surface water contamination. Once exposed, the liner will be removed. Once the liner is removed, the reserve pit will be backfilled with clean gravel from the pad or from an external source in Deadhorse. Previously ADEC stipulated that overburden will be needed for covering the reserve pit since gravel alone is not sufficient. An ADEC approved reserve pit close out plan is required prior to starting activities at the site. Heavy construction equipment such as excavators, loaders, maxi-hauls, and trailers will be used during this operation.

Most of the same equipment used for the reserve pit remediation will be required for the pad removal. The 2025 sampling effort confirmed the gravel pad material will be usable for backfill of the reserve pit which ADEC has confirmed agreement. Any excess pad gravel not needed for the reserve pit backfill and mounding will be removed from site, repurposed or disposed of per ADEC approval. An approved restoration and rehabilitation plan will be required from ADNR.

Figure 1: Burglin 33-1 pad with the flare pit in the foreground and well with reserve pit in the background.



Figure 2: Burglin 33-1 site showing the reserve pit mounded wall is breached and some of the debris remaining on the pad.



Figure 3: Planned ice road access route from Deadhorse.



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