



# MISCELLANEOUS LAND USE PERMIT GEOPHYSICAL EXPLORATION MODIFICATION APPLICATION

State of Alaska  
Department of Natural Resources, Division of Oil & Gas  
550 W. 7th Ave, Suite 1100, Anchorage, AK 99501-3563  
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## SECTION I: APPLICANT INFORMATION

| 1. Applicant:                                  | 2. Applicant Contact:                                                                                                                              |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Name: Explor Geoscience USA Inc.               | First Name: Allan Last Name: Chatenay                                                                                                              |
| Mailing Address: 5850 San Felipe St, Suite 500 | Title: President                                                                                                                                   |
| City: Houston                                  | Is the Mailing Address the same as Applicant's Mailing Address? If "No", please provide information below: <input checked="" type="checkbox"/> Yes |
| State: Texas Zip Code: 77057                   | Mailing Address: Enter Mailing Address.                                                                                                            |
| Phone: 832-217-6466 Fax: Enter Fax.            | City: Enter City. State: Enter State. Zip Code: Enter Zip Code.                                                                                    |
| Email: al@explor.net                           | Phone: Enter Phone. Fax: Enter Fax.                                                                                                                |
|                                                | Email: Enter Email.                                                                                                                                |

## SECTION II: THIRD PARTY INFORMATION

(Fill out this section only if you are applying for the Applicant)

## SECTION III: MODIFICATION APPLICATION DATE AND NUMBER

|                                                                                           |                                           |
|-------------------------------------------------------------------------------------------|-------------------------------------------|
| Third Party Company Name: Enter 3rd Party Company Name.                                   | Application Date (For Division Use Only): |
| 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:<br>Describe your affiliation to the Applicant. | Original MLUP Number:<br>25-001           |

## SECTION IV: MODIFICATION DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 1. Project Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ARCCS 2D  |
| 2. Proposed Start Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 11/1/2026 |
| 3. Project Activities:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |
| A. Describe what and where:<br>Explor to extend two (2) 2D seismic lines totaling approximately 9.7 miles near the Stump Lake site. First and preferred option with approval is to survey the Stump Lake Site with extensions capturing the Castle Mountain Fault and Anticline, total approximately 20 miles. Second Option is to survey the approved 2D lines totalling 20 miles within the coastal wetlands between Susitna Flats and Beluga River. Please see attachment for further details. Only one of two options will be surveyed. |           |
| B. Number of Line Miles (2D) 20 miles and/or Square Miles (3D) <a href="#">Click here to enter text.</a>                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |

| C. Waste Management:<br>No modification proposed                                       |                                                                              |                                                                                                                                                                                                    |                                                                     |
|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| D. Staging and Storage Areas:<br>No modification proposed                              |                                                                              |                                                                                                                                                                                                    |                                                                     |
| E. Airstrips and Landing Zones:<br>No modification proposed                            |                                                                              |                                                                                                                                                                                                    |                                                                     |
| F. Historical Properties and Cultural Resources:<br>No modification proposed           |                                                                              |                                                                                                                                                                                                    |                                                                     |
| G. Anadromous Fish Streams and Other Streams:<br>No modification proposed              |                                                                              |                                                                                                                                                                                                    |                                                                     |
| <b>4. Associated Structures:</b>                                                       |                                                                              |                                                                                                                                                                                                    |                                                                     |
| A. Structures:<br>No modification proposed                                             |                                                                              |                                                                                                                                                                                                    |                                                                     |
| B. Other:<br>No modification proposed                                                  |                                                                              |                                                                                                                                                                                                    |                                                                     |
| <b>5. Type of Equipment:</b>                                                           |                                                                              |                                                                                                                                                                                                    |                                                                     |
| No modification proposed                                                               |                                                                              |                                                                                                                                                                                                    |                                                                     |
| <b>6. Other:</b>                                                                       |                                                                              |                                                                                                                                                                                                    |                                                                     |
| No modification proposed                                                               |                                                                              |                                                                                                                                                                                                    |                                                                     |
| <b>SECTION V: SEQUENCE AND SCHEDULE OF OPERATIONS</b>                                  |                                                                              |                                                                                                                                                                                                    |                                                                     |
| Are supplemental pages for Sequence and Schedule of Activities included in Appendix B? |                                                                              |                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| Project Milestone #                                                                    | Project Milestone                                                            | Proposed Start Date                                                                                                                                                                                | Proposed End Date                                                   |
| 1.                                                                                     | Submit Modification Application                                              | 9/24/2026                                                                                                                                                                                          | 9/25/2026                                                           |
| 2.                                                                                     | Ongoing planning, desktop historical properties and cultural resources study | 9/24/2026                                                                                                                                                                                          | 9/24/2026                                                           |
| 3.                                                                                     | Receive Modification Approval from Alaska DNR                                | 10/30/2026                                                                                                                                                                                         | 10/30/2026                                                          |
| 4.                                                                                     | Mobilization                                                                 | 11/1/2026                                                                                                                                                                                          | 11/1/2026                                                           |
| 5.                                                                                     | Receiver Deployment                                                          | 1/1/2027                                                                                                                                                                                           | 1/8/2027                                                            |
| 6.                                                                                     | Source Acquisition Operations (Drill, Load, Acquire)                         | 1/9/2027                                                                                                                                                                                           | 1/24/2027                                                           |
| 7.                                                                                     | Receiver Retrieval                                                           | 1/25/2027                                                                                                                                                                                          | 2/1/2027                                                            |
| 8.                                                                                     | Data Harvesting and Output                                                   | 2/2/2027                                                                                                                                                                                           | 2/16/2027                                                           |
| 9.                                                                                     | Demobilization                                                               | 2/3/2027                                                                                                                                                                                           | 2/3/2027                                                            |
| 10.                                                                                    | Enter Milestone.                                                             | Enter Date.                                                                                                                                                                                        | Enter Date.                                                         |
| <b>SECTION VI: LAND STATUS</b>                                                         |                                                                              |                                                                                                                                                                                                    |                                                                     |
| <b>1. State of Alaska Surface Lands:</b>                                               |                                                                              |                                                                                                                                                                                                    |                                                                     |
| Are supplemental pages for Land Status included in Appendix B?                         |                                                                              |                                                                                                                                                                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Meridian, Township, Range, And Section(s):                                             |                                                                              | S013N008W section 5; S014N008W sections 3, 9, 16, 17, 18, 19, 20, 21, 27, 28, 29, 32 ;<br>S014N009W sections 2, 3, 4, 10, 11, 12, 13; S015N009W sections 29, 30, 31, 32; S015N010W sections 24, 25 |                                                                     |
| Oil And Gas Mineral Estate Lessee:                                                     |                                                                              | Click here to enter text.                                                                                                                                                                          |                                                                     |
| Access Authorization(s):                                                               |                                                                              | Alaska DNR                                                                                                                                                                                         |                                                                     |
| Special Use Lands:                                                                     |                                                                              | n/a                                                                                                                                                                                                |                                                                     |
| Jointly Managed Lands:                                                                 |                                                                              | n/a                                                                                                                                                                                                |                                                                     |
| Other Considerations:                                                                  |                                                                              | Alaska Fish and Game Application on August 27, 2026 ; SPECIAL AREA PERMIT FH22-IV-GP10-SA (Amendment #1)                                                                                           |                                                                     |

| Project Activities/Components | GPS Coordinates           |
|-------------------------------|---------------------------|
| 2D seismic data acquisition   | Click here to enter text. |
| Click here to enter text.     | Click here to enter text. |
| Click here to enter text.     | Click here to enter text. |
| Click here to enter text.     | Click here to enter text. |
| Click here to enter text.     | Click here to enter text. |
| Click here to enter text.     | Click here to enter text. |

#### SECTION VII: PERFORMANCE GUARANTY

Bonded Company: Enter Bonded Company.  
 Type: Enter Bond Type. Number: Enter Bond Number. Amount: Enter Bond Amount.  
 Bonding Company: Enter Bonding Company.  
 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.

#### SECTION VIII: INSURANCE

##### Comprehensive General Liability Insurance:

Amount of Insurance: Enter Amount of Insurance.  
 Insurer Name: Enter Insurer Name.  
 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.  
 Amount of Insurance: Enter Amount of Insurance.

#### SECTION IX: GLOSSARY OF TERMS

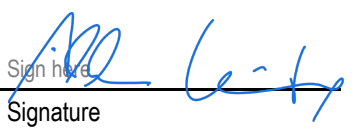
Are supplemental pages for Glossary of Terms included in Appendix B? ☐ Yes ☐ No

| Term # | Term        | Term Definition        |
|--------|-------------|------------------------|
| 1      | Enter Term. | Enter Term Definition. |
| 2      | Enter Term. | Enter Term Definition. |
| 3      | Enter Term. | Enter Term Definition. |
| 4      | Enter Term. | Enter Term Definition. |
| 5      | Enter Term. | Enter Term Definition. |
| 6      | Enter Term. | Enter Term Definition. |
| 7      | Enter Term. | Enter Term Definition. |
| 8      | Enter Term. | Enter Term Definition. |
| 9      | Enter Term. | Enter Term Definition. |
| 10     | Enter Term. | Enter Term Definition. |

#### SECTION X: 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: Allan Chatenay President 9/23/2026  
 Signature Name Title Date

## Miscellaneous Land Use Geophysical Exploration Modification Permit

Only **one of the two** options will be carried out.

### Option #1:

Subject to approval, **Option One** is preferred. Explor proposes extending two 2D seismic lines at the Stump Lake site, for a total survey length of approximately 20 miles.

**Scope:** Extend and consolidate the work at the Stump Lake site (see image), allowing the northwest-southeast line to continue beyond the Castle Mountain Fault (CMF) and the cross line to cover more of the Stump Lake anticline.



Above:

*Line 1A extension = 6.1 miles (yellow) towards red line, Castle Mountain Fault.*

*Line 1C extension = 3.6 miles (yellow), anticline.*

## Option #2:

Conduct the approved 20-mile 2D survey in the Stump Lake and Beluga River areas under MLUPCI Permit 25-001 (see image below). The permit was approved on March 14, 2025, and expires on March 14, 2030.



*Above:*

*Four 2D seismic lines totalling approximately 20 miles.*

**Option One or Option Two, Detailed Field Work:**

Totalling approximately 20 miles. The planned receiver interval is 33 feet, and the planned source interval is 66 feet. Explor uses the very lightweight Sercel ACCEL node, which we will set on the ground with no ground disturbance. Source energy will be produced by Explor's mini-hole dynamite source. We will use single-person portable hand drills to drill a 5-foot-deep hole with a diameter of just under 2 ½ inches. After drilling, a 130-gram or 230-gram explosive charge will be loaded into the hole and anchored at the base of the hole. Holes will be plugged with cuttings from the drilling process. We will first deploy all the receiver nodes on each line. We will then drill and initiate the source points in a single pass. Once all source points on a line are acquired, we will recover the receiver nodes so we can harvest and output the data. Positioning is fully stakeless – done at the same time as we deploy or retrieve nodes and acquire the source points. There is no separate 'survey' process, reducing risk and minimizing traverses across the land. We will work entirely on foot, supported by trucks at access points where lines cross existing roads and trails.