

RECEIVED

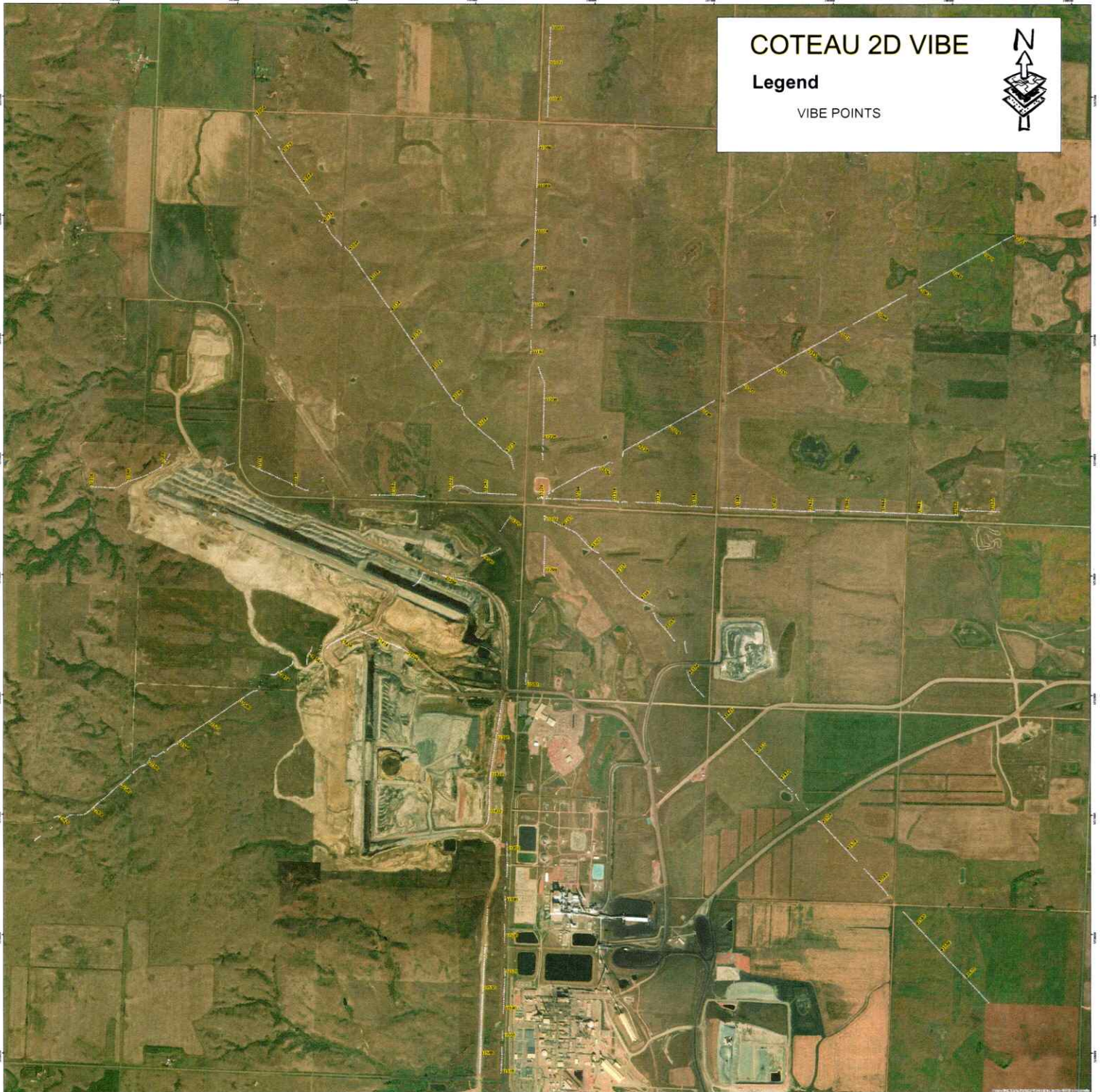
FEB 25 2025

ND Oil & Gas
Division

COTEAU 2D VIBE

Legend

VIBE POINTS





GEOPHYSICAL EXPLORATION COMPLETION REPORT - FORM GE 6A

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-084C
SFN 51456 (03-2011)

RECEIVED

JAN 31 2025

MINERAL RESOURCES

Permit No. #97-0342	
Shot Hole Operations	*Non-Explosive Operations Vibroseis

SECTION 1

Geophysical Contractor Echo Seismic USA	
Project Name and Number Coteau 2D T1 Survey	County(s) Mercer County
Township(s) 145 and 146	Range(s) 87 and 88
Drilling and Plugging Contractors N/A	
Date Commenced November 2, 2024	Date Completed November 12, 2024

SECTION 2

First S.P. #	Last S.P. #											
Loaded Holes (Undetonated Shot Points)												
S.P.#s												
Charge Size												
Depth												
Reasons Holes Were Not Shot												

SECTION 3

Flowing Holes and/or Blowouts S.P.#s
Procedure for Plugging Flowing Holes and/or Blowouts
Include a 7.5 minute USGS topographic quadrangle map or a computer generated post-plot facsimile of the approximate scale displaying each individual shot hole, SP #, line #, and legal location.

*Non-Explosive Operations - Complete Section 1 and Affidavit (Form GE 6B).



GEOPHYSICAL EXPLORATION AFFIDAVIT OF COMPLETION REPORT - FORM GE 6B
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-084C
SFN 51456 (03-2011)

RECEIVED
JAN 31 2025
MINERAL RESOURCES

PERMIT NAME (Required): COTEAU 2D T1 Survey

PERMIT NUMBER: #97-0342

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF ARKANSAS)

)

COUNTY OF WASHINGTON)

Before me, Michelle Garrett, a Notary Public in and for the said

County and State, this day personally appeared BRUCE FULKER Agent for ECHO Seismic USA

who being first duly sworn, deposes and says that (s)he is employed by Echo Seismic USA

_____, that (s)he has read North Dakota

Century Code Section 38-08.1, that the foregoing seismic project has been completed in

accordance with North Dakota Administrative Code Rule 43-02-12 and that the statements on

the reverse side of this document are true.

B F

Geophysical Contractor Representative

Subscribed in my presence and sworn before me this

29th day of January, 2025.

Michelle Garrett
Notary Public
Hot Spring County, Arkansas
Commission No. 12709460
COMM. EXP. 12/26/2029

Notary Public

Michelle Garrett

My Commission Expires

12/24/2029



North Dakota Industrial Commission
Department of Mineral Resources
Oil & Gas Division

RECEIVED
JAN 31 2025
MINERAL RESOURCES

FORM GE 1
FILING AUTHORIZATION

COMPANY NAME: Echo Seismic USA

ADDRESS: 4833 Front Street, Unit B 435,

CITY: Castle Rock

STATE: CO ZIP: 80104


This form authorizes the person(s) listed below to submit a NDIC Geophysical Exploration Permit – Form GE 1 for approval on behalf of the designated company as listed above.

A new authorization will be required if any changes are to be made to the authorized individuals on the form.

The data submitted from the authorized individuals listed below have been checked and conform to the standards and procedures set forth by the NDIC Department of Mineral Resources.

The authorized individual(s) will ensure that the company, as listed above, and party manager receive a copy of the approved Form GE 1

<u>Authorized Individuals</u>	<u>Phone Number</u>	<u>E-Mail Address</u>
Bruce Fulker	713.806.2024	bfulker@cougarlandservices.net

Company Authorized Signature: 


Date: 11/08/2021

Printed Name: Dan McArthur

Title: Corp. VP

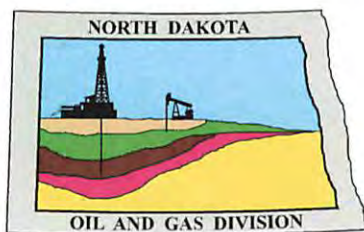
Phone: 403 540-1711

Email Address: mcarthurd@echo-group.net

Witness Signature: 

Date: 11/08/2021

Witness Printed Name: Keith Wakelam



Oil and Gas Division

Nathan D. Anderson-Director Mark F. Bohrer - Assistant Director

North Dakota Industrial Commission

Department of Mineral Resources

Nathan D. Anderson-Director

www.dmr.nd.gov/oilgas/

October 24, 2024

Bruce Fulker
Agent for Echo Seismic USA
Echo Seismic USA
4500 8A Street NE
Calgary, AB T2E 4J7

RE: COTEAU 2-D T1 SURVEY
GEOPHYSICAL EXPLORATION PERMIT #97-0342
MERCER COUNTY
NON-EXPLOSIVE METHOD

Dear Mr. Fulker:

Be advised that your Geophysical Exploration permit is conditionally approved; effective for one year from October 24, 2024.

PERMIT STIPULATIONS:

- **Echo Seismic USA must contact seismic inspector Tom Torstenson at (701) 290-1546 72 hours prior, to arrange a start-up meeting. Also, a copy of the entire permit is required for all contractors at the start up meeting.**
- **Echo Seismic USA must contact Tom Torstenson at (701) 290-1546 24 hours prior to conducting any geophysical activities.**
- **Pursuant to NDAC 43-02-12-05 (DISTANCE RESTRICTION) Non-explosive exploration methods may not be conducted less than 300 feet from water wells, buildings, underground cisterns, pipelines, and flowing springs.**
- **In addition, pursuant to NDAC 43-02-12-06 (NOTIFICATION OF WORK PERFORMED), "The director is authorized to suspend operations of the entire geophysical project, or any portion thereof, if further activity will cause excessive damage to the surface of the land".**

Review the following conditions for your permit:

1. All variances for distance restrictions are to be furnished, and a pre-plot map displaying any source points that do not comply with the distance restriction rule must be supplied to the inspector.
2. The following information must be submitted within 30 days of the completion of the project by the Geophysical Company:
 - a. Completion Report,

- b. Completion Affidavit,
 - c. Post Plot Map. It must show all water wells, buildings, underground cisterns, pipelines, and flowing springs that fall within the program area and within one half mile of the perimeter of the program.
 - d. Must provide a GIS layer using NAD83 in an Esri shape file format and an Image file (.img) on a Flash Drive or email: ttorstenson@nd.gov with all source and receiver points,
3. The permit agent shall notify the operator of the land at least seven days before commencement of any geophysical exploration activity, unless waived by mutual agreement of both parties. The notice must include the approximate time schedule and the location of the planned activity.
4. Information regarding the location of water wells, springs, etc.; refer to the following ND State Water Commission Mapservice website, at: <http://mapservice.swc.state.nd.us/>
5. The entire permit can be viewed, as well as the status of various seismic projects in the state, at: <https://www.dmr.nd.gov/oilgas/seismic/seismicstats.asp>

Should you have any questions regarding this matter, feel free to contact our office.

Sincerely,



Todd L. Holweger
Permit Manager/Geophysical Supervisor

Cc: Milt Tetzlaff
Echo Seismic USA
4833 Front Street, Unit B 435
Castle Rock, CO 80104



GEOPHYSICAL EXPLORATION PERMIT - FORM GE 1

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 51459 (03-2011)

Received

OCT 14 2024

ND Oil & Gas
Division

1) a. Company Echo Seismic USA		Address 4833 Front Street, Unit B 435, Castle Rock, CO. 80104	
Contact Milt Tetzlaff		Telephone 403.216.5919	Fax 403.216.0989
Surety Company Bank of North Dakota		Bond Amount \$50,000.00	Bond Number GEO 307
2) a. Subcontractor(s) Skyway Field Service (Survey)		Address 1850 Rannoch Rd Longmont CO 80504	
b. Subcontractor(s)		Telephone 720.545.3126	
3) Party Manager Brad MacKinnon		Address (local) 403.988.0031	
4) Project Name or Line Numbers Coteau 2D T1 Survey			
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) Vibroseis			
6) Distance Restrictions (Must check all that apply) <input checked="" type="checkbox"/> 300 feet - NonExplosive - Distance setbacks apply to water wells, buildings, underground cisterns, pipelines, and flowing springs. <input type="checkbox"/> 660 feet - Shot Hole - Distance setbacks apply to water wells, buildings, underground cisterns, pipelines, and flowing springs.			
7) Size of Hole 3-D	Amt of Charge	Depth	Source points per sq. mi. 105.6
Size of Hole 2-D	Amt of Charge N/A	Depth N/A	No. of sq. mi. 24.08
8) Approximate Start Date October 25, 2024 Survey - Recording October 30, 2024		Approximate Completion Date November 10, 2024	

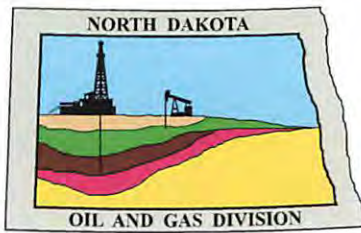
THE COMMISSION MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF COMMENCEMENT OF GEOPHYSICAL OPERATIONS

9) Location of Proposed Project - County Mercer County "See attached Exhibit A"			
Section(s), Township(s) & Range(s)	Section 31-32	T. 146	R. 87
	Section 5-6-7-8-17-18-19-20	T. 145	R. 87
	Section 25-34-35-36	T. 146	R. 88
	Section 1-2-3-4-9-10-11-12-13-14-15-16-23-24	T. 145	R. 88
	Section	T.	R.
	Section	T.	R.

I hereby swear or affirm that the information provided is true, complete and correct as determined from all available records.			Date October 1, 2024
Signature B. J. Fulker	Printed Name Bruce Fulker	Title Agent for Echo Seismic USA	
Email Address(es) bfulker@cougarlandservices.net			

(This space for State office use)		Permit Conditions * Permit in hand required at pre-program meeting with field inspector and be aware of all NDIC Rules and Regulations (i.e. distance restrictions). * See attached letter.
Permit No. 97-0342	Approval Date 10/24/24	
Approved by [Signature]	Title Mineral Resources Permit Manager	

*See Instructions On Reverse Side



Oil and Gas Division

Nathan D. Anderson-Director Mark F. Bohrer - Assistant Director

North Dakota Industrial Commission

Department of Mineral Resources

Nathan D. Anderson-Director

www.dmr.nd.gov/oilgas/

October 24, 2024

The Honorable Carmen Reed
Mercer County Auditor
P.O. Box 39
Stanton, ND 58571-0039

RE: Geophysical Exploration
 Permit Number 97-0342

Dear Ms. Reed:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that the Echo Seismic USA was issued the above captioned permit on October 24, 2024, and will remain in effect for a period of one year. The entire permit can be viewed on our website at:

<https://www.dmr.nd.gov/oilgas/seismic/seismicstats.asp>

Should you have any questions, please contact our office.

Sincerely,

Todd L. Holweger

Permit Manager/Geophysical Supervisor

AFFIDAVIT OF NOTICE



AFFIDAVIT OF NOTICE

BEFORE ME, the undersigned authority, personally appeared Bruce A. Fulker of Cougar Land Services, LLC., whose office address is located at 19901 SW Freeway, Suite 102, Sugar Land, TX. 77479 who being duly sworn, upon oath stated and affirmed that as an authorized agent for Echo Seismic USA, Inc. operators of the mining area covered by the Coteau 2D T1 Project, Coteau Properties, Basin Electric Cooperative, Dakota Gasification and North American Coal Royal have entered into access agreements with Echo Seismic for geophysical operations over their land.

Executed this 14th day of October 2024.

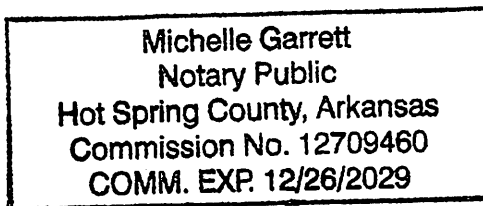
A handwritten signature of Bruce A. Fulker, consisting of a stylized "B" and "F" followed by a horizontal line.

Bruce A. Fulker

STATE OF ARKANSAS)
) ss
COUNTY OF WASHINGTON)

The foregoing instrument was acknowledged signed and subscribed before me this 14TH day of October 2024, by Bruce A. Fulker, who represented that he was duly authorized to execute the foregoing instrument for the uses and purposes set forth therein.

WITNESS my hand and official seal.



A handwritten signature of Michelle Garrett in cursive script.
Name: Michelle Garrett
Notary Public
State of Arkansas
My commission Expires: 12/26/2029



North Dakota Industrial Commission
Department of Mineral Resources
Oil & Gas Division

FORM GE 1

FILING AUTHORIZATION

COMPANY NAME: Echo Seismic USA

ADDRESS: 4833 Front Street, Unit B 435,

CITY: Castle Rock STATE: CO ZIP: 80104

This form authorizes the person(s) listed below to submit a NDIC Geophysical Exploration Permit – Form GE 1 for approval on behalf of the designated company as listed above.

A new authorization will be required if any changes are to be made to the authorized individuals on the form.

The data submitted from the authorized individuals listed below have been checked and conform to the standards and procedures set forth by the NDIC Department of Mineral Resources.

The authorized individual(s) will ensure that the company, as listed above, and party manager receive a copy of the approved Form GE 1

<u>Authorized Individuals</u>	<u>Phone Number</u>	<u>E-Mail Address</u>
-------------------------------	---------------------	-----------------------

Bruce Fulker	713.806.2024	bfulker@cougarlandservices.net
--------------	--------------	--------------------------------

Company Authorized Signature:  Date: 11/08/2021

Printed Name: Dan McArthur Title: Corp. VP

