



# 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 58505-0840  
SFN 51456 (03-2011)

RECEIVED  
MAR 18 2022  
N.D. INDUSTRIAL COMMISSION

PERMIT NAME (Required): West Roth II 2022 3-D

PERMIT NUMBER: 97-0307

## AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF Michigan )

COUNTY OF Grand Traverse )

Before me, Pamela Sue Hornak, a Notary Public in and for the said  
County and State, this day personally appeared Philip VanHollebecke

who being first duly sworn, deposes and says that (s)he is employed by BayGeo, Inc.

BayGeo, Inc., 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.

*Philip VanHollebecke*  
Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 14 day of March, 2022

Notary Public *Pamela Sue Hornak*

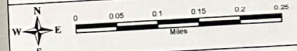
My Commission Expires August 26, 2025

PAMELA SUE HORNAK  
NOTARY PUBLIC, STATE OF MI  
COUNTY OF LEELANAU  
MY COMMISSION EXPIRES Aug 26, 2025  
ACTING IN COUNTY OF Grand Traverse

# WESTROTH II 2022 3D

Equipment:	Wheeled	Receiver Interval:	200m
Source:	Vib	Source Interval:	250m
Depth:	N/A	Receiver Spacing:	50m
Size:	N/A	Source Spacing:	50m
Source Points:	N/A	Receiver Points:	325
Vibe Points:	288	Project Area:	2.98 sq km

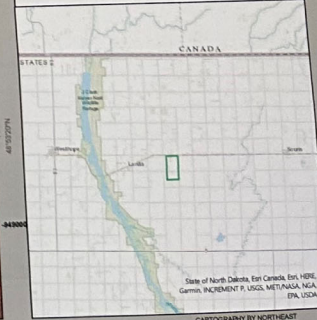
Project Map Date: 1/24/2022



Projection: UTM Zone 14 Datum: NAD83 Scale: 1:4626

### Legend

- Postpile Source
- Postpile Receiver
- Buried Power
- CHPL
- WATERLINE
- WELLHEAD
- ELECTRIC
- CHPL
- TA
- <all other values>
- Task
- VibeRoute
- Pipeline
- Road\_State
- Roads\_Country
- FibreOptic
- Ditch
- Waterline
- Trail
- Buildings
- Buffers
- Sections
- Townships\_PLSS
- Counties
- Status
- GOOD
- VERBAL
- <all other values>



State of North Dakota, Esri, Canada, Esri, HERE, Garmin, INCREMENTAL, USDA, METANSA, NOAA, EPA, USGS

CARTOGRAPHY BY NORTHEAST DRAFTED BY S.WALCZONSKY



# GEOPHYSICAL EXPLORATION COMPLETION REPORT - FORM GE 6A

INDUSTRIAL COMMISSION OF NORTH DAKOTA  
OIL AND GAS DIVISION  
600 EAST BOULEVARD DEPT 405  
BISMARCK, ND 58505-0840  
SFN 51456 (03-2011)

Permit No. <b>#97-0307</b>	
Shot Hole Operations <b>n/a</b>	*Non-Explosive Operations <b>Vibroseis</b>

## SECTION 1

Geophysical Contractor <b>BayGeo, Inc.</b>	
Project Name and Number <b>West Roth II 2022 3-D</b>	County(s) <b>Bottineau</b>
Township(s) <b>162N-163N</b>	Range(s) <b>79W</b>
Drilling and Plugging Contractors <b>N/A</b>	
Date Commenced <b>February 20, 2022</b>	Date Completed <b>February 23, 2022</b>

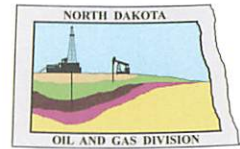
## SECTION 2

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).



January 14, 2022

Philip VanHollebeke  
President  
BayGeo, Inc.  
528 Hughes Drive,  
Traverse City, MI 49696

RE: WEST ROTH II 2022 3-D  
GEOPHYSICAL EXPLORATION PERMIT #97-0307  
BOTTINEAU COUNTY  
NON-EXPLOSIVE METHOD

Dear Mr. VanHollebeke:

Be advised that your Geophysical Exploration permit is conditionally approved; effective for one year from January 14, 2022.

**PERMIT STIPULATIONS:**

- **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".**

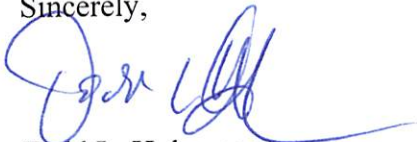
Review the following conditions for your permit:

1. A pre-program meeting with state seismic inspector Tom Torstenson is required. You must contact him at 701-290-1546 (cell) or 701-227-7436 at least 24 hours prior to any exploration operations. Also, a copy of the entire permit is required for all contractors at the pre-program meeting.
2. 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.
3. 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: [torstenson@nd.gov](mailto:torstenson@nd.gov) with all source and receiver points,
4. 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.
  5. 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/>
  6. 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 me at 701-328-8020, or Tom Torstenson at the number listed in paragraph 1.

Sincerely,



Todd L. Holweger  
Permit Manager



# 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

JAN 12 2022

ND Oil & Gas  
Division

1) a. Company <b>BayGeo, Inc.</b>		Address <b>528 Hughs Drive, Traverse City, MI. 49696</b>			
Contact <b>Philip VanHollebeke</b>		Telephone <b>(231) 941-7660</b>		Fax	
Surety Company <b>Philadelphia Indemnity Ins. Co.</b>		Bond Amount <b>\$25,000.00</b>		Bond Number <b>PB11499807348</b>	
2) a. Subcontractor(s)		Address		Telephone	
b. Subcontractor(s)		Address		Telephone	
3) Party Manager <b>Greg Southworth</b>		Address (local)		Telephone (local) <b>(989) 965-4131</b>	
4) Project Name or Line Numbers <b>West Roth II 2022 3D - Line Nos. Source Lines S102 thru S112 (even) Receiver Lines R101 thru R125 (odd)</b>					
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) <b>Non-Explosive (Vibroseis)</b>					
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	Amt of Charge	Depth	Source points per sq. mi.	No. of sq. mi.	
3-D n/a	n/a	n/a	236	1.16	
Size of Hole	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.	
2-D n/a	n/a	n/a	n/a	n/a	
8) Approximate Start Date <b>January 15, 2022</b>			Approximate Completion Date <b>February 15, 2022</b>		

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

9) Location of Proposed Project - County <b>Bottineau</b>						
Section(s), Township(s) & Range(s)	Section	<b>36</b>	T.	<b>163N</b>	R.	<b>79W</b>
	Section	<b>1</b>	T.	<b>162N</b>	R.	<b>79W</b>
	Section		T.		R.	
	Section		T.		R.	
	Section		T.		R.	
	Section		T.		R.	

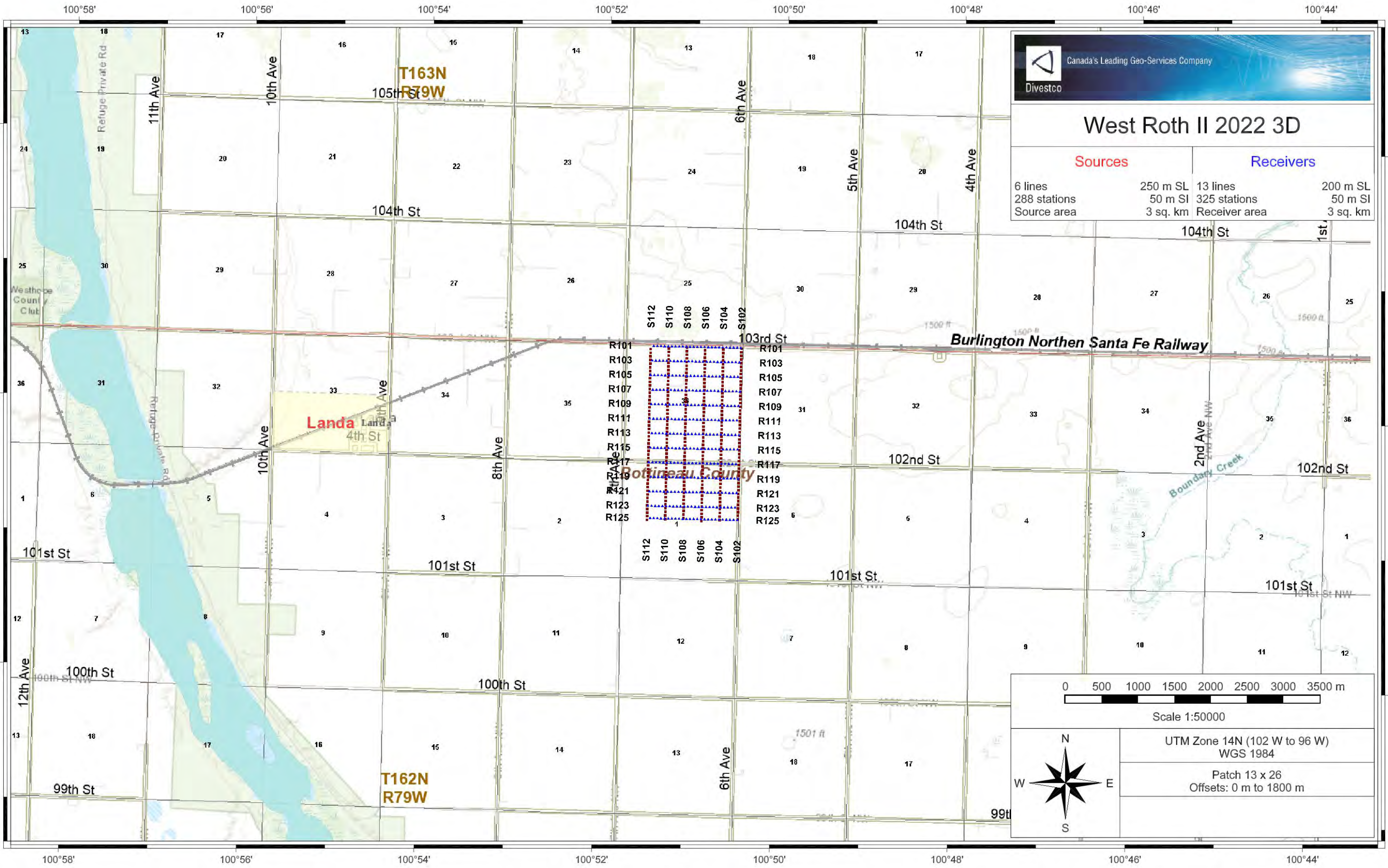
I hereby swear or affirm that the information provided is true, complete and correct as determined from all available records.			Date <b>January 9, 2022</b>
Signature 	Printed Name <b>James Switzer</b>	Title <b>Agent</b>	
Email Address(es) <b>James.Switzer@HarbingerX.com</b>			

(This space for State office use)		<b>Permit Conditions</b>	
Permit No. <b>97-0307</b>	Approval Date <b>1/14/22</b>	* Permit in hand required at pre-program meeting with field inspector and be aware of all NDIC Rules and Regulations (i.e. distance restrictions).	
Approved by 		* See attached letter.	
Title <b>Mineral Resources Permit Manager</b>			



# West Roth II 2022 3D

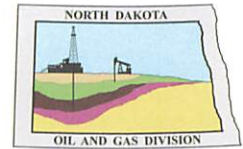
Sources		Receivers	
6 lines	250 m SL	13 lines	200 m SL
288 stations	50 m SI	325 stations	50 m SI
Source area	3 sq. km	Receiver area	3 sq. km



0 500 1000 1500 2000 2500 3000 3500 m  
Scale 1:50000

UTM Zone 14N (102 W to 96 W)  
WGS 1984

Patch 13 x 26  
Offsets: 0 m to 1800 m



January 14, 2022

The Honorable Emily Deschamp  
Bottineau County Auditor  
314 W 5<sup>th</sup> St. Ste. 10  
Bottineau, ND 58318-1268

RE: Geophysical Exploration  
Permit #97-0306  
Permit #97-0307

Dear Ms. Deschamp:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that BayGeo, Inc. was issued the above captioned permits on January 14, 2022, and will remain in effect for a period of one year. The permits 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,

A handwritten signature in black ink, appearing to read "Todd L. Holweger".

Todd L. Holweger  
Permit Manager





# HARBINGER EXPLORATION CORP.

71 Scenic Rise NW, Calgary, Alberta Canada T3L 1A7 Tel: 403-542-6713

January 4, 2022

Industrial Commission of North Dakota  
Oil and Gas Division  
600 East Boulevard Dept. 405  
Bismarck, ND 58505-0840

Dear Mr. Todd Holweger:

**AFFIDAVIT**

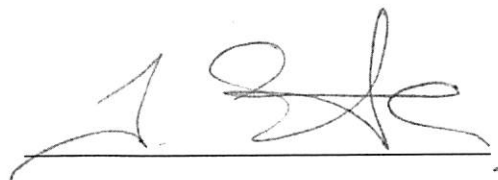
Canada )  
Province of Alberta ) S.S.  
)

I, James Switzer, of Calgary, Alberta, Canada, MAKE OATH AND SAY THAT:

I, James Switzer, of Calgary, Alberta, Canada an approved agent of BayGeo, Inc., State that all operators of the land and each landowner within one-half mile of the land on which the geophysical exploration activities are to conducted on the West Roth II 2022 3D Seismic exploration program have been provided with a copy of Section 38-08.1 (Exploration Permit) and NDCC Chapter 38.11.1 (Oil and Gas Production Damage Compensation) , per the requirement of Geophysical Exploration Permit TBA.

SWORN/AFFIRMED BEFORE ME, )  
at Calgary )  
Alberta, on )  
this 4<sup>th</sup> day of ~~April~~ 2022 )

COMMISSIONER FOR OATHS  
ANNA MARIE KITSON  
A NOTARY PUBLIC IN AND FOR  
The Province of Alberta  
EXPIRES  
June 26, 2024

  
James Switzer

My Commission expires: June 26, 2024



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

## FORM GE 1 FILING AUTHORIZATION

COMPANY NAME: BayGeo, Inc.

ADDRESS: 528 Hughes Drive

CITY: Traverse City STATE: MI ZIP: 49696

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>
James Switzer	403-542-6713	James.Switzer@HarbingerX.com
William Peterson	989-858-0455	peteronseismic@yahoo.com

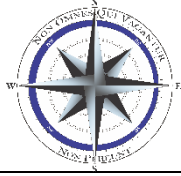
Company Authorized Signature: *Philip VanHollebeke* Date: 01/07/2022

Printed Name: Philip VanHollebeke Title: President

Phone: 231-941-7660 Email Address: pvanh@baygeo.com

\*\*\*\*\*  
Witness Signature: *Pam Hornak* Date: 01/07/2022

Witness Printed Name: Pam Hornak



# HARBINGER EXPLORATION CORP.

71 Scenic Rise NW, Calgary, Alberta Canada, T3L 1A7 Tel: 403-542-6713

**SENT VIA EMAIL/COURIER**

January 4, 2022

Industrial Commission of North Dakota  
Oil and Gas Division  
600 East Boulevard Dept 405  
Bismarck, ND 58505-0840

Dear Mr. Todd Holweger:

**Re: Request for Geophysical Exploration Permit**  
**Geophysical Prospect: West Roth II 2022 3D**  
**Company: BayGeo, Inc.**  
**Location: Bottineau County**

Please find attached our request for a Geophysical Exploration Permit – Form GE 1 and required additional information. If you have any questions concerning this matter, please contact me at (825) 437-9689, or email [James.Switzer@HarbingerX.com](mailto:James.Switzer@HarbingerX.com).

Yours truly,

James Switzer  
[James.Switzer@HarbingerX.com](mailto:James.Switzer@HarbingerX.com)  
encl.