

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 15, 2024

Leonard A. Harrand
President
Eagle Exploration Inc
P.O. Box 89
Grawn, MI 49637

RE: VESUVIUS 3-D EXT24
GEOPHYSICAL EXPLORATION PERMIT #97-0340
RENVILLE COUNTY
NON-EXPLOSIVE METHOD

Dear Mr. Harrand:

Be advised that your Geophysical Exploration permit is conditionally approved; effective for one year from October 15, 2024.

PERMIT STIPULATIONS:

- **Be advised that there is a military installation directly adjacent to this project; contact the Minot AFB cable affairs office at (701) 723-4873 or the community planner at 701-723-1969 to obtain proper permissions relating to placement of source & receiver points.**
- **Eagle Exploration Inc 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.**
- **Eagle Exploration Inc 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:

- 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



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 - 8 2024

ND Oil & Gas
 Division

1) a. Company Eagle Exploration, Inc.		Address PO Box 89 Grawn, MI 49637			
Contact Leonard A. Harrand		Telephone (231) 218-7293		Fax (877) 218-7292	
Surety Company Lexon Insurance Co.		Bond Amount \$25,000		Bond Number LICX3002028	
2) a. Subcontractor(s) NA		Address		Telephone	
b. Subcontractor(s)		Address		Telephone	
3) Party Manager Jesse Harrand		Address (local) TBD		Telephone (local) (231) 360-0590	
4) Project Name or Line Numbers Vesuvius 3D EXT24					
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) 3D 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	Amt of Charge	Depth	Source points per sq. mi.	No. of sq. mi.	
3-D			250	1.5	
Size of Hole	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.	
2-D					
8) Approximate Start Date October 22, 2024			Approximate Completion Date October 26, 2024		

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

9) Location of Proposed Project - County RENVILLE				
Section(s), Township(s) & Range(s)	Section	9,10,15,16	T. 160n	R. 85w
	Section		T.	R.
	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 **9/11/24**

Signature 	Printed Name LEONARD A. HARRAND	Title PRESIDENT
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Email Address(es)
leonard@eagleexplorationservices.com

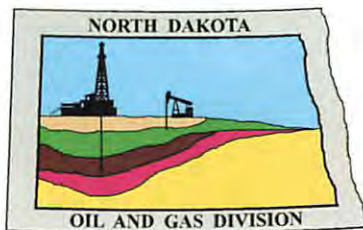
(This space for State office use)

Permit No. 97-0340	Approval Date 10/15/24
Approved by 	
Title Mineral Resources Permit Manager	

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.

*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 15, 2024

The Honorable LeAnn Pollman
Renville County Auditor
P.O. Box 68
Mohall, ND 58761-0068

RE: Geophysical Exploration
 Permit Number 97-0340

Dear Ms. Pollman:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that the Eagle Exploration Inc was issued the above captioned permit on October 15, 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,

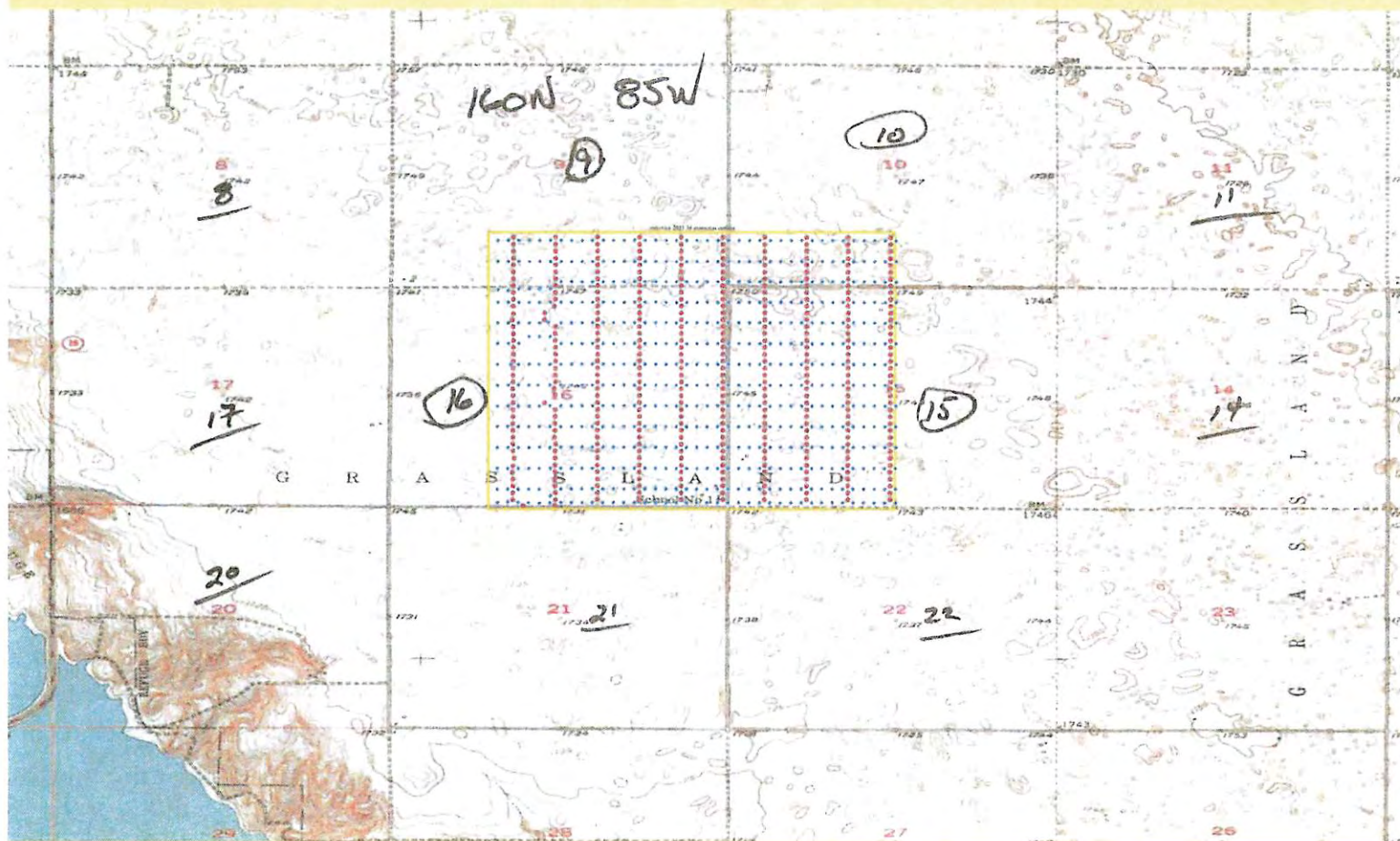
Todd L. Holweger

Permit Manager/Geophysical Supervisor

10/9/24
Vesuvius
3-D EXT 24
pre-plot map

Key

- receiver points
- source points



EAGLE EXPLORATION, INC.

PO BOX 89
Grawn, MI 49637
Phone (231) 218-7293
Fax (877) 218-7292

RECEIVED
OCT - 8 2024
N.D. INDUSTRIAL COMMISSION

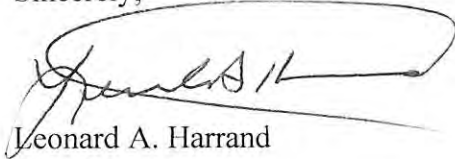
October 1, 2024

North Dakota Oil & Gas Division
600 East Boulevard Dept 405
Bismark, ND 58505-0840

To Whom it May Concern

This letter will confirm that all known landowners within the Ward & Renville County seismic program scheduled for October/November of 2024 by Eagle Exploration, Inc along with those adjacent landowners within 1/2 mile to the projects were sent notice and provided a copy of the NDCC Section 38-08.1-04.1 (Exploration Permit) and NDCC chapter 38-11.1 (Oil & Gas Production Damage Compensation) at the time of permitting and notification of the survey.

Sincerely,



Leonard A. Harrand

(Bluejacket 3D & Vesuvius 3D EXT 24, Oen Lake 2D)

Oct 1, 2024

NOTARY: Owen Suhy

OWEN SUHY
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF GRAND TRAVERSE
My Commission Expires August 14, 2029
Acting in the County of Grand Traverse

MY COMMISSION EXPIRES: Aug 14, 2029

Holweger, Todd L.

From: DMR, Webmaster
Sent: Wednesday, October 9, 2024 1:31 PM
To: bruce.johnson.25@us.af.mil; mmxfi.cableaffairs@us.af.mil; Holweger, Todd L.; samuele.warren.1@us.af.mil; kenneth.davis.63@us.af.mil; Holweger, Todd L.
Subject: Project Notification from ND Department of Mineral Resources

Minot AFB

Project Type: Seismic Permitting

Project Date & Duration: 2024-10-22 - 4 days

SELECT Reference Point Triggering Notification: Township: 160 Section: 9 Range: 85

Project Location & Size: sections 9, 10, 15,16-160N-85W

Contact Information of Project Lead: Leonard A

Harrand,leonard@eagleexplorationservices.com,2312187293

DMR Submitter Name: Todd Holweger,tholweger@nd.gov,701-328-8024

NOTE: The above information is being provided to the Minot Air Force Base as a courtesy notification from the North Dakota Department of Mineral Resources. This notification is based on information currently available to the DMR Submitter and is being completed to the best of our knowledge. Details may vary. Contact the Project Lead listed above with further questions.