

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/

September 24, 2026

Bruce Fulker
Agent for Paragon Geophysical Services, Inc.
Paragon Geophysical Services, Inc.
3500 N. Rock Road, Bldg. 800 Ste. B
Wichita, KS 67266

RE: GREAT WESTERN 3-D
 GEOPHYSICAL EXPLORATION PERMIT #97-0351
 SLOPE COUNTY
 NON-EXPLOSIVE METHOD

Mr. Fulker:

Be advised that your Geophysical Exploration permit is conditionally approved; effective for one year from September 24, 2026.

PERMIT STIPULATIONS:

- **Paragon Geophysical Services, 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.**
- **Paragon Geophysical Services, Inc. must contact Tom Torstenson at (701) 290-1546 24 hours prior to conducting any geophysical activities.**
- **Paragon Geophysical Services, Inc. must provide weekly progress reports to Tom Torstenson via email ttorstenson@nd.gov**
- **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".**

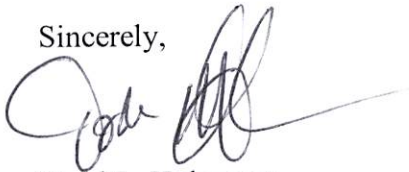
Review the following conditions for your permit:

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 using NAD83. 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
Sr. Permit Manager & Seismic Program 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

SEP 23 2026

**ND Oil & Gas
Division**

1) a. Company Paragon Geophysical Services, Inc.		Address 3500 N Rock Road, Bldg. 800 Ste B Wichita, KS 67266	
Contact Aaron Bateman	Telephone 316.636.5552	Fax 316.636.5572	
Surety Company Arch Insurance	Bond Amount \$50,000.00	Bond Number SU1135989	
2) a. Subcontractor(s) Skyway Field Services (Survey)		Address 1850 Rannoch Dr. Longmont, CO	
b. Subcontractor(s)		Telephone 720.545.3126	
3) Party Manager Pat Dooley		Address (local) TBD	
		Telephone (local) 713.306.4843	
4) Project Name or Line Numbers Great Western 3D			
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) Non-Explosive - Vibroseis			
6) Distance Restrictions (Must check all that apply) ☒ 300 feet - NonExplosive - Distance setbacks apply to water wells, buildings, underground cisterns, pipelines, and flowing springs. ☐ 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 n/a	Depth n/a	Source points per sq. mi. 96
			No. of sq. mi. 9
Size of Hole 2-D	Amt of Charge n/a	Depth n/a	Source points per ln. mi.
			No. of ln. mi.
8) Approximate Start Date November 10, 2026		Approximate Completion Date December 31, 2026	

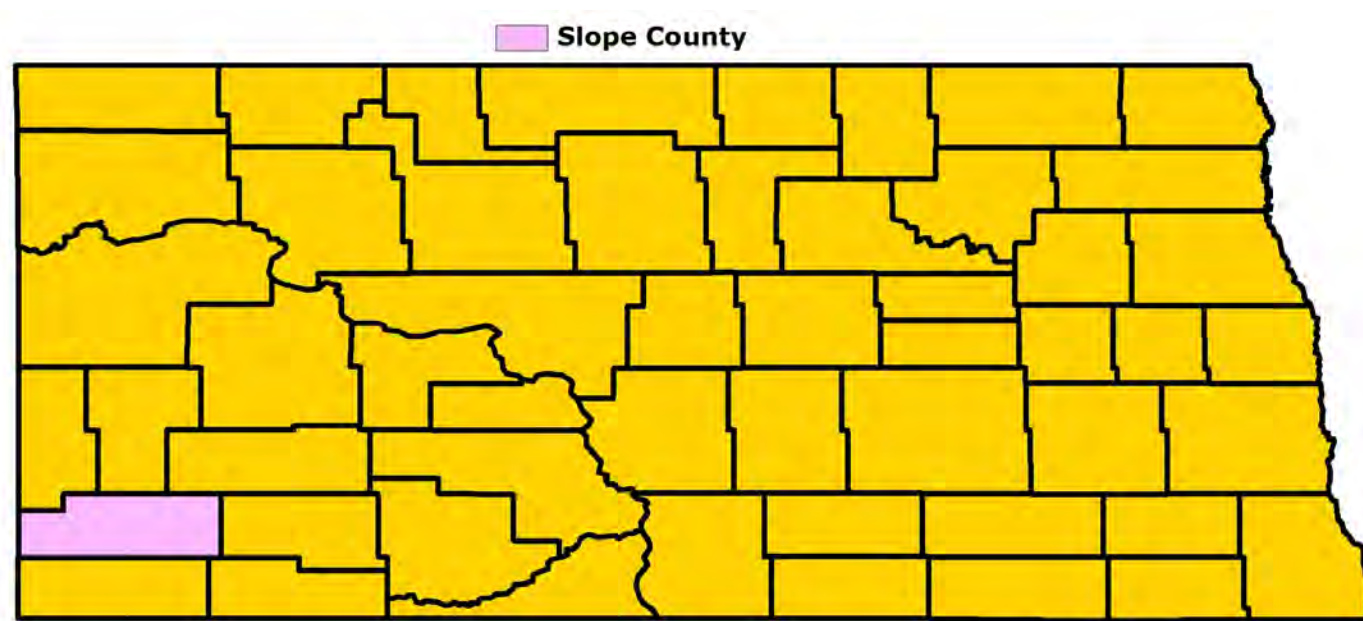
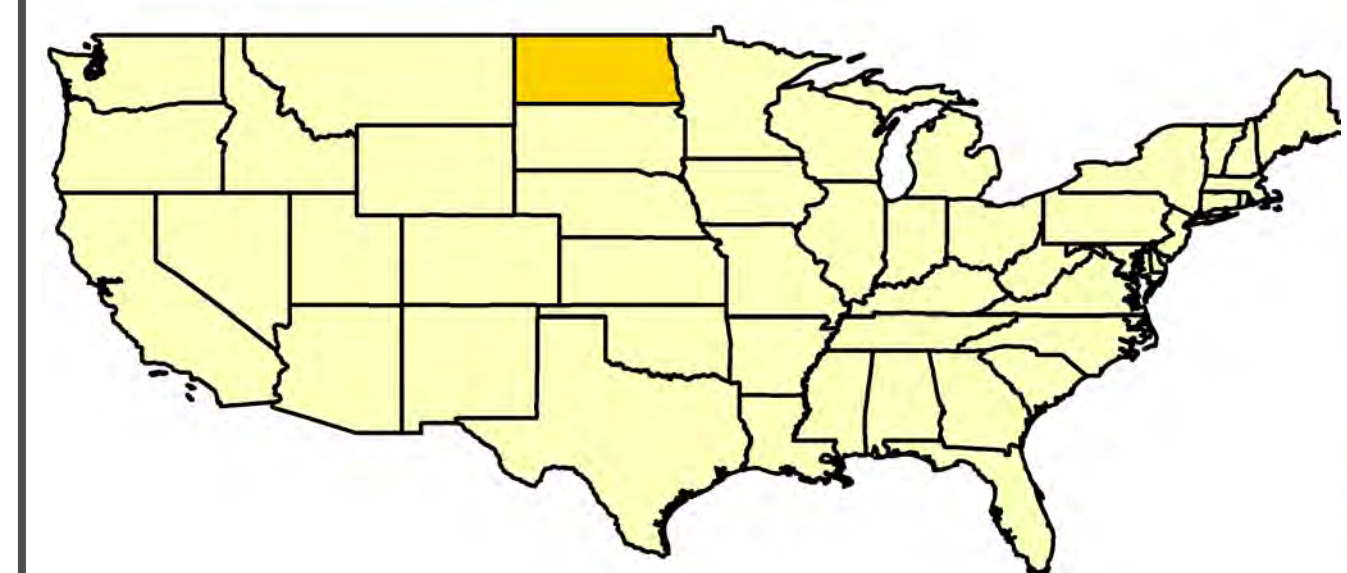
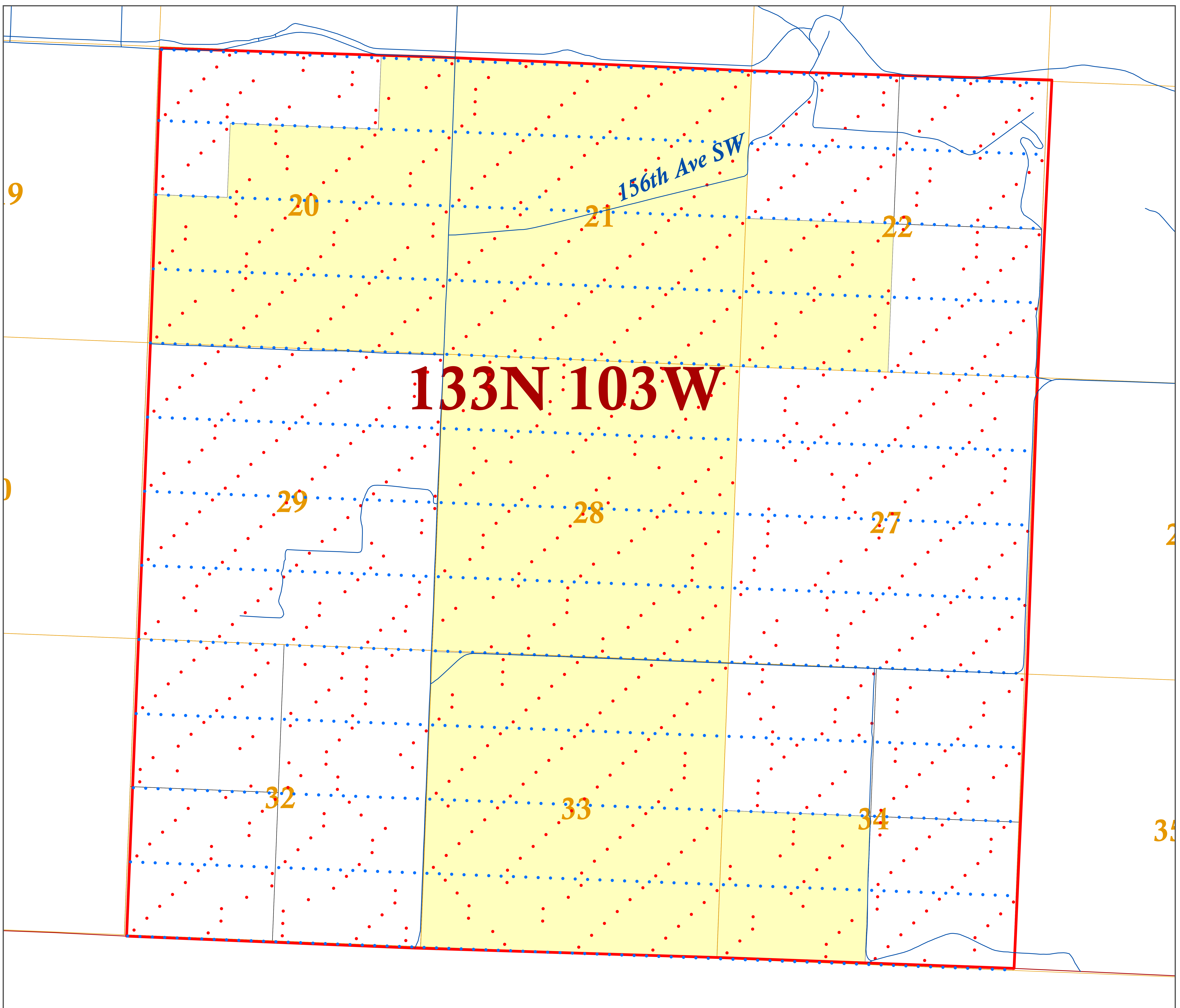
THE COMMISSION MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF COMMENCEMENT OF GEOPHYSICAL OPERATIONS

9) Location of Proposed Project - County Slope County			
Section(s), Township(s) & Range(s)	Section 20-21-22-27-28-29-32-33-34	T. 133	R. 103
	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 8-22.2026
Signature	Printed Name Bruce Fulker	Title Agent for Paragon Geophysical
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. 97-035-1	Approval Date 9/24/26	
Approved by 		
Title Seismic Program Manager		

*See Instructions On Reverse Side

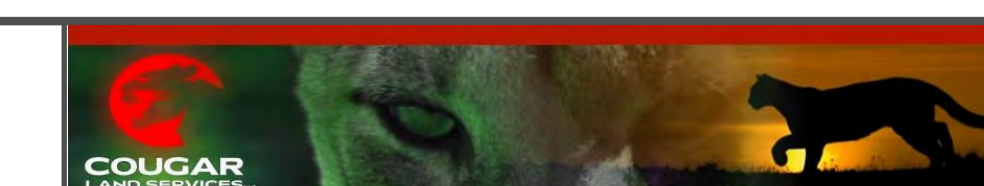


Great Western 3D

Surface Map

September 22, 2026

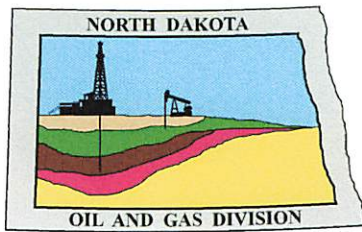
Legend	
•	Source
•	Receivers
	Railroad
	Roads
	County Line
	Townships
	Sections
	State Trust Land
	USFS



State Plane
North Dakota South
NAD 83
Scale 1:6,000

Area Of Interest
9.00 Square Miles
Slope County
North Dakota

This map has been carefully prepared from official records, maps, engineering data, photographs and/or other information, which is provided as a courtesy only. We make no warranties as to its completeness or accuracy, whether expressed or implied.



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September 24, 2026

The Honorable Lorrie Buzalsky
Slope County Auditor
206 Main St.
Amidon, ND 58620-9012

RE: Geophysical Exploration
Permit Number 97-0351

Dear Ms. Buzalsky:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Paragon Geophysical Services, Inc., was issued the above captioned permit on September 24, 2026, 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

Sr. Permit Manager & Seismic Program Manager



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 Paragon Geophysical Services, Inc. all landowners within the proposed Great Western 3D 2026 Geophysical Project and the ½ mile halo area have been notified of the approximate schedule and location of the project and provided a written copy of North Dakota Century Code (NDCC) Section 38-08.1-04.1 (Exploration Permit) and NDCC Chapter 38-11.1 (Oil & Gas Production Damage Compensation).

Executed on this 26thth day of August 2026.

B. A. Fulker

Bruce A. Fulker

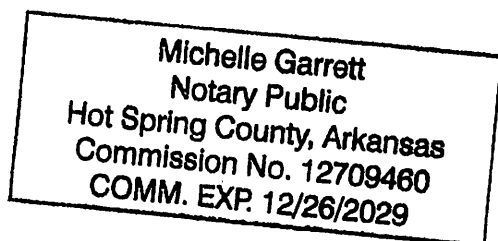
STATE OF ARKANSAS)

) ss

COUNTY OF WASHINGTON)

The foregoing instrument was acknowledged, signed and subscribed to before me on this 26th day of August 2026, 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.



Michelle Garrett
Name: Michelle Garrett
Notary Public
State of Arkansas
My commission expires: 12-26-29