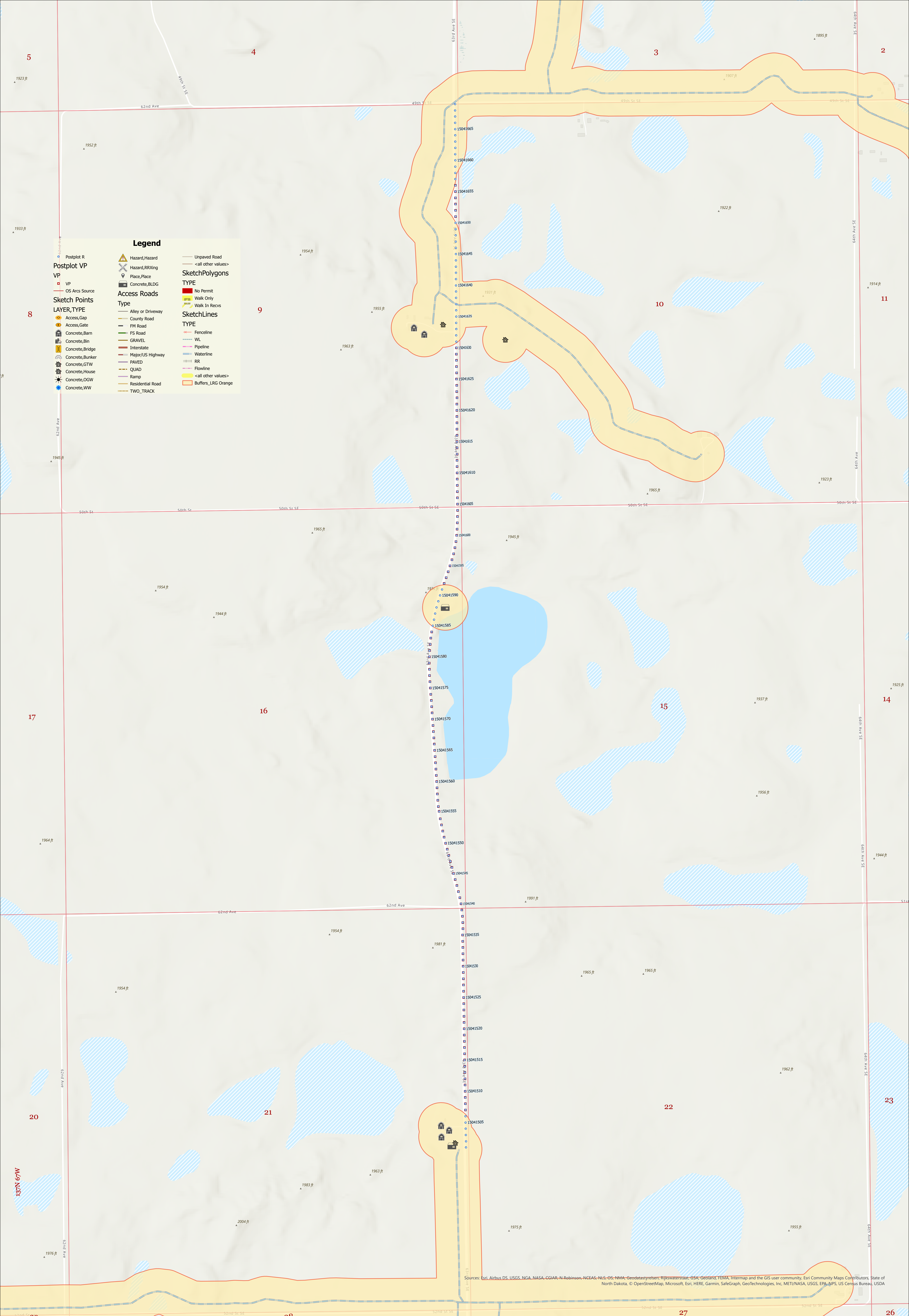


Legend

<ul style="list-style-type: none"> Postplot R Postplot VP VP OS Arcs Source Sketch Points LAYER,TYPE Access,Gap Access,Gate Concrete,Barn Concrete,Bin Concrete,Bridge Concrete,Bunker Concrete,GTW Concrete,House Concrete,OGW Concrete,WW 	<ul style="list-style-type: none"> Hazard,Hazard Hazard,RRKing Place,Place Concrete,BLDG <p>Access Roads</p> <p>Type</p> <ul style="list-style-type: none"> Alley or Driveway County Road FM Road FS Road GRAVEL Interstate Major/US Highway PAVED QUAD Ramp Residential Road TWO_TRACK 	<ul style="list-style-type: none"> Unpaved Road <all other values> <p>SketchPolygons</p> <p>TYPE</p> <ul style="list-style-type: none"> No Permit Walk Only Walk In Recvs <p>SketchLines</p> <p>TYPE</p> <ul style="list-style-type: none"> Fenceline WL Pipeline Waterline RR Flowline <all other values> Buffers_LRG Orange
---	--	--

Sources: Esri, DeLorme, GeoEye, (GeoEye), IGN, N- Robinson, NCEAS, NLS, OS, NMA, Geodatasystem, Rijkswaterstaat, Swis, Swis, Swis, FEMA, Intermap and the GIS user community, Esri Community Maps Contributors, State of North Dakota, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA



Legend

- Postplot R
- Postplot VP
- VP
- OS Arcs Source
- Sketch Points
- LAYER,TYPE
- Access,Gap
- Access,Gate
- Concrete,Barn
- Concrete,Bin
- Concrete,Bridge
- Concrete,Bunker
- Concrete,GTW
- Concrete,House
- Concrete,OGW
- Concrete,WW
- Hazard,Hazard
- Hazard,RRXing
- Place,Place
- Concrete,BLDG
- Access Roads
- Type
- Alley or Driveway
- County Road
- FM Road
- FS Road
- GRAVEL
- Interstate
- Major/US Highway
- PAVED
- QUAD
- Ramp
- Residential Road
- TWO_TRACK
- Unpaved Road
- <all other values>
- SketchPolygons
- TYPE
- No Permit
- Walk Only
- Walk In Recvs
- SketchLines
- TYPE
- Fenceline
- WL
- Pipeline
- Waterline
- RR
- Flowline
- <all other values>
- Buffers_LRG Orange

Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N- Robinson, NCEAS, NLS, OS, NMAA, Geodataspreher, Rijkswaterstaat, GSA, Geotint, FEMA, Intermap and the GIS user community, Esri Community Maps Contributors, State of North Dakota, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA



Stern 2D / Phase I - 01838ND
Midwest AgEnergy

Survey Production

Recv 82.5ft spacing
Preplot R Total = 169
Linear Miles = 2.625 Mi

Source 82.5ft spacing
Postplot S Total = 123
Patch: Static

Stutsman County, ND

Scale: 1:6,000

North: NAD 1983 StatePlane North Dakota South FIPS 3102
Map Units: Foot US



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. 97-0317	
Shot Hole Operations N/A	*Non-Explosive Operations Vibroseis

SECTION 1

Geophysical Contractor Paragon Geophysical Services, Inc.	
Project Name and Number DSA 2-D Stutsman Phase II	County(s) Stutsman
Township(s) 137 North	Range(s) 67 West
Drilling and Plugging Contractors N/A	
Date Commenced March 8, 2023	Date Completed March 10, 2023

SECTION 2

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

SECTION 3

Flowing Holes and/or Blowouts S.P.#s N/A
Procedure for Plugging Flowing Holes and/or Blowouts N/A
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 58505-0840
SFN 51456 (03-2011)

PERMIT NAME (Required): DSA 2-D Stutsman Phase 2

PERMIT NUMBER: 97-0317

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF Kansas)

COUNTY OF Sedgwick)

Before me, David Rich, a Notary Public in and for the said

County and State, this day personally appeared Aaron Bateman

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

Paragon Geophysical Services, Inc., that (s)he has read North Dakota

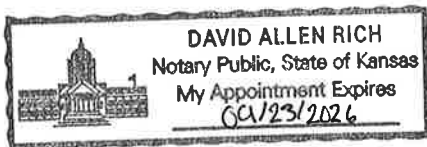
Century Code Section 38-08.1, that the foregoing seismic project has been completed in

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

the reverse side of this document are true.

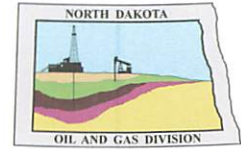
Ra Bateman
Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 20th day of March, 2023



Notary Public David Rich

My Commission Expires 09/23/2026



March 3, 2023

Aaron Bateman
President
Paragon Geophysical Services, Inc.
3500 N. Rock Rd., Bldg. 800, Ste B
Wichita, KS 67226

RE: DSA 2-D STUTSMAN PHASE II
GEOPHYSICAL EXPLORATION PERMIT #97-0317
STUTSMAN COUNTY
NON-EXPLOSIVE METHODS

Dear Mr. Bateman:

Be advised that your Geophysical Exploration permit is conditionally approved; effective for one year from March 3, 2023.

PERMIT STIPULATIONS:

- Paragon Geophysical must obtain approval from Stutsman County to perform geophysical operations on the county roads.
- 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: tstenson@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 Supervisor

Received

FEB 27 2023

ND Oil & Gas
Division



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)

1) a. Company Paragon Geophysical Services Inc.		Address 3500 N. Rock Road. Bldg. 800 Ste B Wichita, KS 67226			
Contact Aaron Bateman		Telephone 316.636.5552		Fax	
Surety Company Arch Insurance		Bond Amount \$50,000.00		Bond Number SU1135989	
2) a. Subcontractor(s) N/A		Address		Telephone	
b. Subcontractor(s)		Address		Telephone	
3) Party Manager Chad Hall		Address (local)		Telephone (local) 251.227.5163	
4) Project Name or Line Numbers DSA 2D Stutsman Phase II					
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) Non-Explosive (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	n/a	na/			
Size of Hole	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.	
2-D	n/a	n/a	64	2.624	
8) Approximate Start Date March 08.2023			Approximate Completion Date March 31, 2023		

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

9) Location of Proposed Project - County
Stutsman **County (See Attached "Exhibit A" For Township - Range - Sections) ***

Section(s), Township(s) & Range(s)	Section	T.	R.
	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 **February 27, 2023**

Signature *B. J. Fulker* Printed Name **Bruce Fulker** Title **Authorized Agent for Paragon**

Email Address(es)
bfulker@cougarlandservices.net

(This space for State office use)		<p align="center">Permit Conditions</p> <p>* Permit in hand required at pre-program meeting with field inspector and be aware of all NDIC Rules and Regulations (i.e. distance restrictions)</p> <p>* See attached letter.</p>
Permit No. 97-0317	Approval Date 3/3/23	
Approved by <i>[Signature]</i>	Title Mineral Resources Permit Manager	

*See Instructions On Reverse Side

 **Exhibit "A"**

Geophysical Exploration Permit Form GE 1

DSA 2D Stutsman Phase II

Stutsman County

Paragon Geophysical Services, Inc.

Township 137 N Range 67 West: Sections 3.4.9.10.15.16.21.22



March 3, 2023

The Honorable Jessica Alonge
511 2nd Ave. SE,
Ste 102
Jamestown, ND 58401-4298

RE: Geophysical Exploration
Permit # 97-0317

Dear Ms. Alonge,:

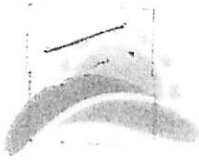
Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that the Paragon Geophysical Services, Inc. was issued the above captioned permit on March 3, 2023 and will remain in effect for a period of one year. The entire permit can be viewed on our website at: <https://www.dmr.nd.gov/oilgas/seismic/seismicstats.asp>

Should you have any questions, please contact our office.

Sincerely,

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

Todd L. Holweger
Permit Manager/Geophysical Supervisor



**STUTSMAN
COUNTY**

Highway Department

1508 4th St. NW

Jamestown, ND 58401

Office: 701-252-9040 Fax: 701-252-0250

County Permit

Permit Fee \$35.00

PARAGON GEOPHYSICAL SERVICES, INC., hereinafter called the Applicant, is hereby granted permission to install and maintain the facilities as described herein on highway right-of-way, of County Road

SEE ATTACHMENTS

Facilities to be installed pursuant to this permit are _____
in accordance with plans and specifications attached hereto, _____

For purpose of this permit "highway right-of-way" shall mean the highway right-of-way as it exists on the date of execution of this permit and shall also include that area within seventy-five feet of the center of the highway right-of-way over which the Board of Stutsman County Commission has control pursuant to North Dakota Century Code Section 24-01-42.

INSTALLATION AND MAINTENANCE: Installation and maintenance of said facilities on highway right-of-way shall conform to the following provisions:


- (1) Upon construction, maintenance, relocation or removal of said facilities, any right-of-way scars shall be removed and the disturbed areas restored to original condition, including the reseeded thereof where necessary. Trenches dug within the highway right-of-way exclusive of the roadway and inslopes shall be backfilled and compacted to the density equal to that of the adjacent undisturbed soil. Trenching in the inslopes and roadway surface shall not be allowed. Any and all costs incurred with regard to inspection and compaction testing conducted by Stutsman County or its designees shall be borne by applicant.

TERMS AND CONDITIONS: Installation and maintenance of said facilities on the highway right-of-way shall be subject to the following terms and conditions:

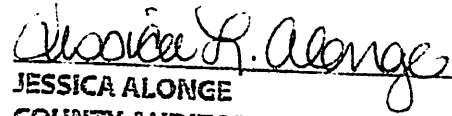
- (A) Installation, maintenance, relocation, and removal of said facilities on the highway right-of-way shall be done in a manner satisfactory to and subject to supervision by the County Road Superintendent for the Stutsman County Highway Department
- (B) Stutsman County shall not be liable for damage to said facilities resulting from construction, reconstruction, expansion, alteration, maintenance, replacement and repair of the highway. Applicant shall hold the County harmless for injury to persons or damage to property resulting from the location of said facilities on highway right-of-way.
- (C) Applicant shall repair or replace highway structures and appurtenances, and any existing facilities located on, over or under the highway right-of-way, which may be damaged as a result of the installation and maintenance of said facilities on the highway right-of-way.
- (D) Applicant shall promptly remove said facilities from the highway right-of-way or shall relocate or adjust said facilities at its sole cost and expense when requested to do so by the County.
- (E) No open-trench construction shall be permitted across any county roadway. All facilities must be bored beneath all paved and gravel surfaces.

WHEREAS, the terms of Section 24-01-42 of the North Dakota Century Code, provide that the Board of County Commissioners may grant such a permit, and it is approved by the Board of County Commissioners this 28 day of February 2023 at Jamestown, North Dakota.

APPROVAL RECOMMENDED:


JIM WENTLAND
COUNTY ROAD SUPERINTENDENT

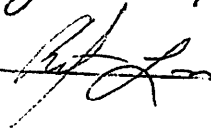
ATTEST:


JESSICA ALONGE
COUNTY AUDITOR, C.O.O.

**ACCEPTANCE OF TERMS
AND CONDITIONS**

Billing Address

Name ART LUNA
Company COUGAR LAND SERVICES, LLC
Address PO BOX 17147
City, State Zip SUGAR LAND TX 77496-7147

PARAGON GEOPHYSICAL SERV. INC.
BY: 
ITS: FIELD PERMIT AGENT



March 3, 2023

GEOPHYSICAL REGULATION SUPERVISOR
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD AVE, DEPT 405
BISMARCK, NORTH DAKOTA 58505-0840

DSA 2D Emmons - *pending*
DSA 2D Stutsman Phase I - *pending*
DSA 2D Stutsman Phase II - *project number 97-0317*

A handwritten signature or set of initials, possibly "RF", enclosed within a hand-drawn circle.

This letter is to confirm that Paragon Geophysical Services, Inc. has written approval to conduct seismic operations on Stutsman County roads related to the DSA Stutsman Phase II Project. Paragon is working on and will have approval from St Paul and Newberry Township supervisors for use of roads related to DSA 2D Stutsman Phase 1 prior to start of operations.

With regard to the DSA 2D Emmons, the application for use of Emmons County roads has been submitted and will be approved at the March 7, 2023 County Commission meeting.

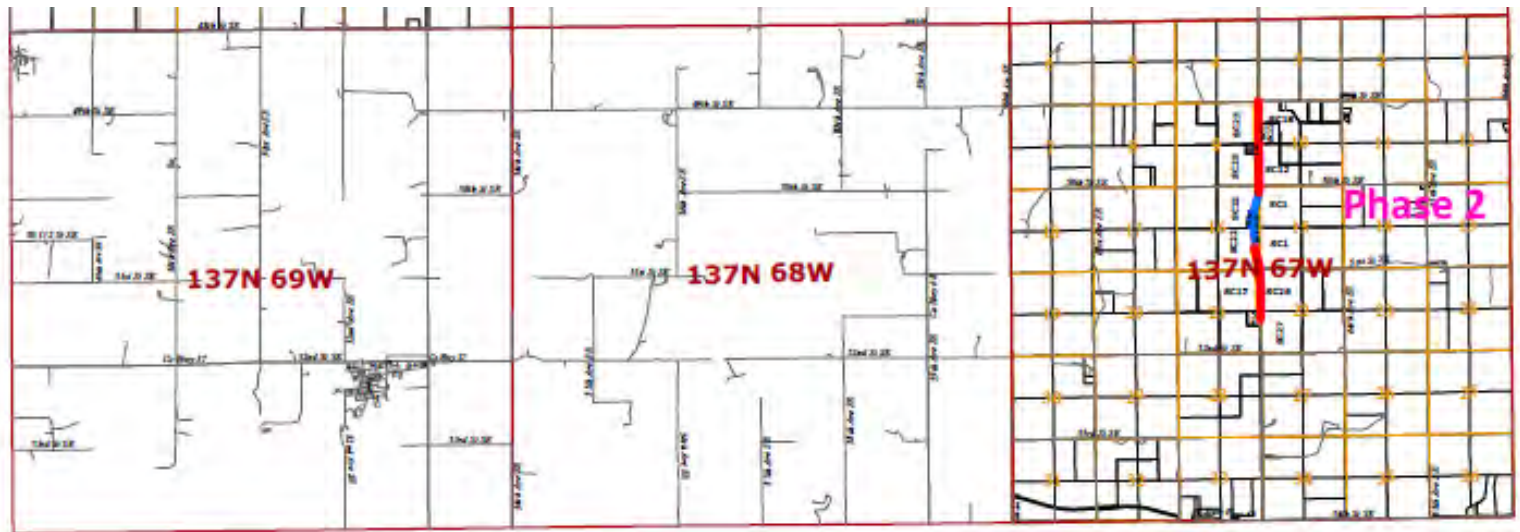
If you have any questions or need additional information do not hesitate to contact me.

Regards,

A handwritten signature in black ink, appearing to read "Bruce Fulker".

Bruce Fulker

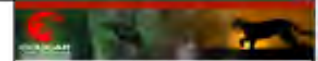
Authorized Agent for Paragon Geophysical Services.



DSA 2D Stutsman Surface Map

February 27, 2023

Legend	
	Source Or Road For Gas
	Road For Only
	Rail
	County
	Townships
	Sections
	State Lands
	BLM



State Plane
North Dakota South
NAD 27
Scale 1:35,000

Area Of Interest
Phase 1: 9,855 Linear Miles
Phase 2: 2,624 Linear Miles
Stutsman County
North Dakota

This map has been created or prepared from official records, maps, engineering data, photographs and other sources. BLM is not responsible for any errors or omissions that may appear in this map. The user assumes all liability for any use of this map.



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

FORM GE 1

FILING AUTHORIZATION

COMPANY NAME: Paragon Geophysical Services, Inc.

ADDRESS: 3500 N Rock Rd. Bldg. 800 Suite B

CITY: Wichita STATE: KS ZIP: 67266

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: *A Bateman* Date: 01/19/2023

Printed Name: Aaron Bateman Title: President

Phone: 316-636-552 Email Address: abateman@paragongeo.com

Witness Signature: *[Signature]* Date: 1-19-23

Witness Printed Name: Erick Erwin