



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. #97-0291	
Shot Hole Operations N/A	*Non-Explosive Operations Yes - 3D

SECTION 1

Geophysical Contractor Dawson Geophysical	
Project Name and Number CHSU - 3D Job # 13119	County(s) Bowman
Township(s) 132	Range(s) 106
Drilling and Plugging Contractors N/A	
Date Commenced August 19, 2019	Date Completed September 16, 2019

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 58505-0840
 SFN 51456 (03-2011)

PERMIT NAME (Required): Dawson Geophysical - David Wisniewski CHSU 3D

PERMIT NUMBER: 97-0291

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF Texas)

COUNTY OF Midland)

Before me, Nikki Busick, a Notary Public in and for the said

County and State, this day personally appeared David Wisniewski

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

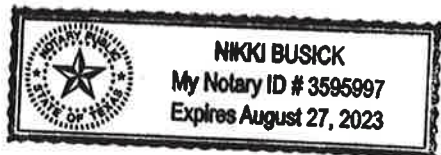
_____ , that (s)he has read North Dakota

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.

David Wisniewski

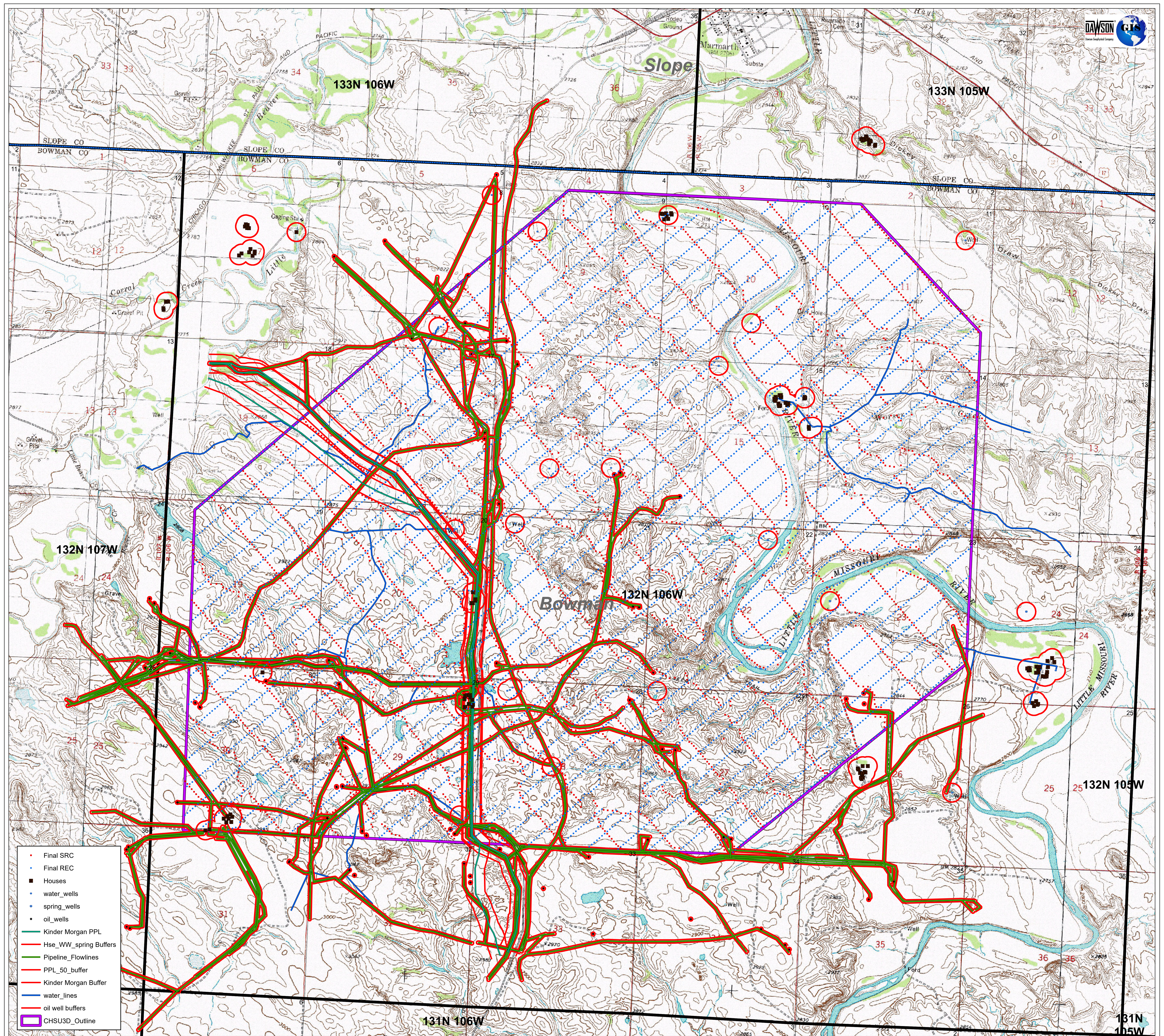
Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 19th day of September, 2019.

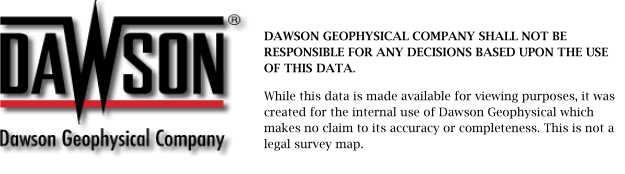


Notary Public Nikki Busick

My Commission Expires 8/27/23



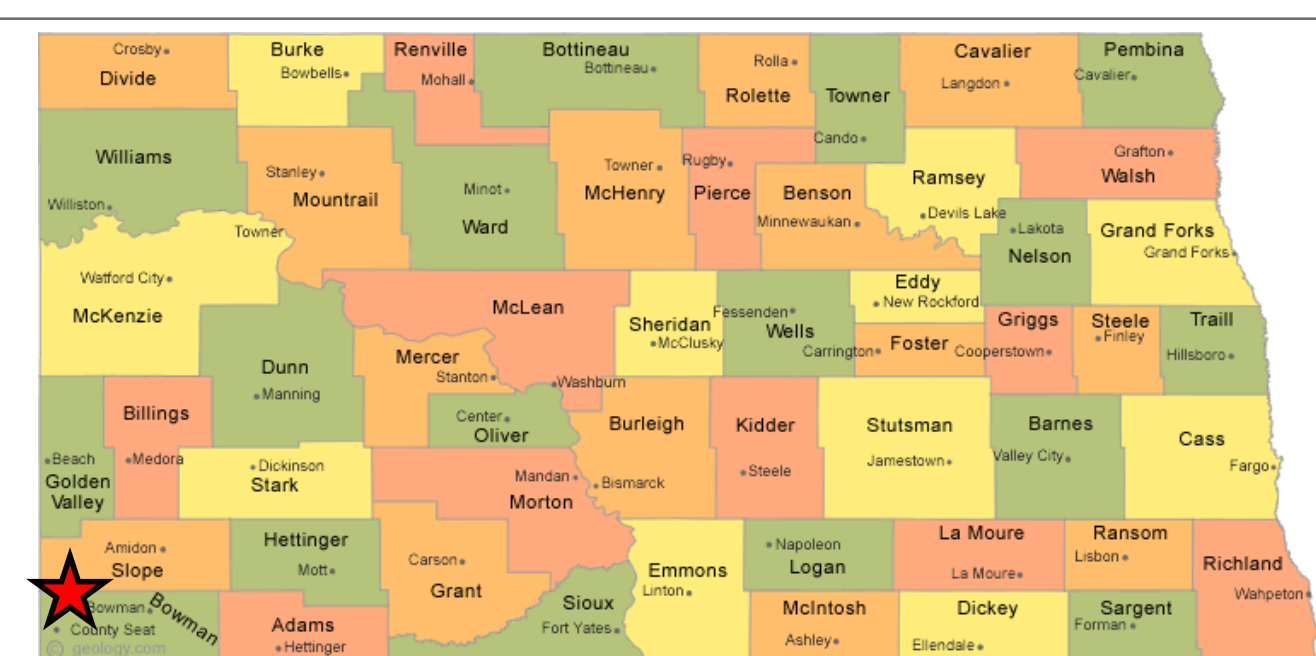
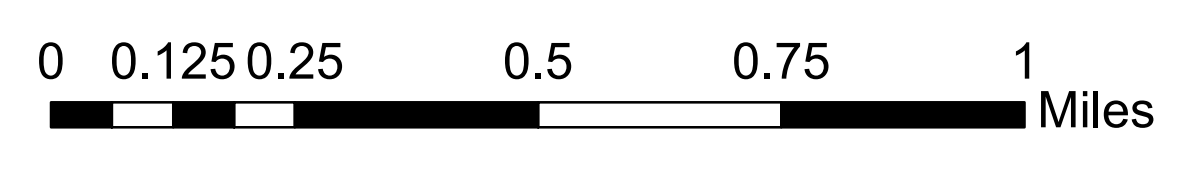
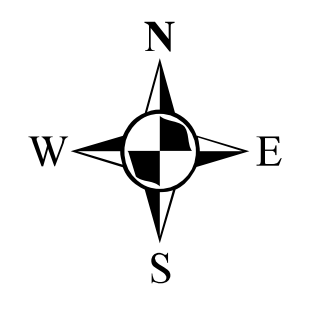
State: North Dakota
County: Bowman
Coordinate System: NAD 1927 StatePlane North Dakota South FIPS 3302
Projection: Lambert Conformal Conic
Datum: North American 1927
False Easting: 2,000,000.0000
False Northing: 0.0000
Central Meridian: -100.5000
Standard Parallel 1: 46.1833
Standard Parallel 2: 47.4833
Latitude Of Origin: 45.6667
Units: Foot US

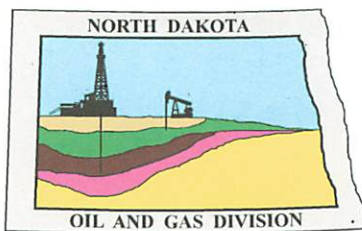


Author: Nick Wisniewski
9/10/2019

CHSU 3D Surface

Acres: 9,977
Sq. Miles: 15





Oil and Gas Division

Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.dmr.nd.gov/oilgas/

July 11, 2019

Mr. David Wisniewski
Dawson Geophysical
508 West Wall,
Suite 800
Midland, TX 79701

RE: CHSU 3-D
GEOPHYSICAL EXPLORATION PERMIT #97-0291
BOWMAN COUNTY
NON EXPLOSIVE METHOD

Dear Mr. Wisniewski:

Please be advised that we are in receipt of your Geophysical Exploration permit application and it is conditionally approved; effective for one year from July 11, 2019.

PERMIT STIPULATIONS:

- **PURSUANT TO NDAC 43-02-12-05 (DISTANCE RESTRICTION)**
 - **Nonexplosive exploration methods may not be conducted not 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".**

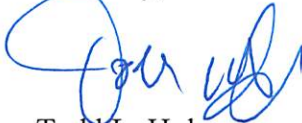
Review the following conditions for your permit:

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: ttorstenson@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

JUL 9 2019

1) a. Company Dawson Geophysical Company		Address 508 West Wall, Ste 800, Midland, TX 79701		ND Oil & Gas Division	
Contact David Wisniewski		Telephone 432-684-3013	Fax 432-684-3030		
Surety Company US Speciality Ins. Co.		Bond Amount \$50,000.00	Bond Number B005272		
2) a. Subcontractor(s)		Address		Telephone	
b. Subcontractor(s)		Address		Telephone	
3) Party Manager Adrian Sanchez		Address (local)		Telephone (local) 972-983-1199	
4) Project Name or Line Numbers CHSU 3D					
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) Vibrator 3D (Non Explosive)					
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. 194.2	No. of sq. mi. 15.59	
Size of Hole 2-D	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.	
8) Approximate Start Date July , 2019			Approximate Completion Date September, 2019		

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

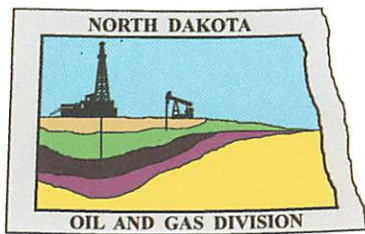
9) Location of Proposed Project - County Bowman			
Section(s), Township(s) & Range(s)	Section 8,9,10,11,14,15,16,17,18,19	T. 132	R. 106
	Section 20,21,22,23,26,27,28,29,30	T. 132	R. 106
	Section	T.	R.
	Section	T.	R.
	Section	T.	R.
	Section	T.	R.

I hereby swear or affirm that the information provided is true, complete and correct as determined from all available records. Date **July 3, 2019**

Signature 	Printed Name David Wisniewski	Title Prj. Mgr.
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Email Address(es)
davew@dawson3d.com

(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. 97-0291	Approval Date 7/14/19	
Approved by 		
Title Mineral Resources Permit Manager		



Oil and Gas Division

Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.dmr.nd.gov/oilgas/

July 11, 2019

The Honorable Sandra Tivis
County Auditor
104 1st St. NW
Suite #1
Bowman, ND 58623

RE: Geophysical Exploration
Permit # 97-0291

Dear Ms. Tivis:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that DAWSON GEOPHYSICAL was issued the above captioned permit on July 11, 2019 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

AFFIDAVIT

SEISMIC LANDOWNER NOTIFICATION

I, Gary W. Stewart, being first duly sworn upon oath, deposes and says:

I, being of sound mind and over twenty-one (21) years of age, I am competent to give this affidavit. I hold the position of Permit Agent for Denbury Onshore, LLC. By virtue of my position with Denbury Onshore, LLC, I am authorized to make the representation contained in this affidavit on behalf of the oil and gas company and Dawson Geophysical.

All landowners shown on the attached map & schedule for the 2019 Cedar Hills 3D Seismic Survey and Sundry Notice of Seismic test sites adjustments have been notified by the North Dakota Oil & Gas Division's regulations described in Sec. 38-08.1-04.1 & Chapter 38-11-1 by US Certified Mail and FedEx.

Also enclosed is additional notification supporting documentation.

I affirm under penalty for perjury that the representations contained in this affidavit are true, to the best of my information and belief.

Date 7-10-19

Signature of Affiant [Handwritten Signature]

Printed Name Gary W. Stewart

State of Texas
County of HARRIS

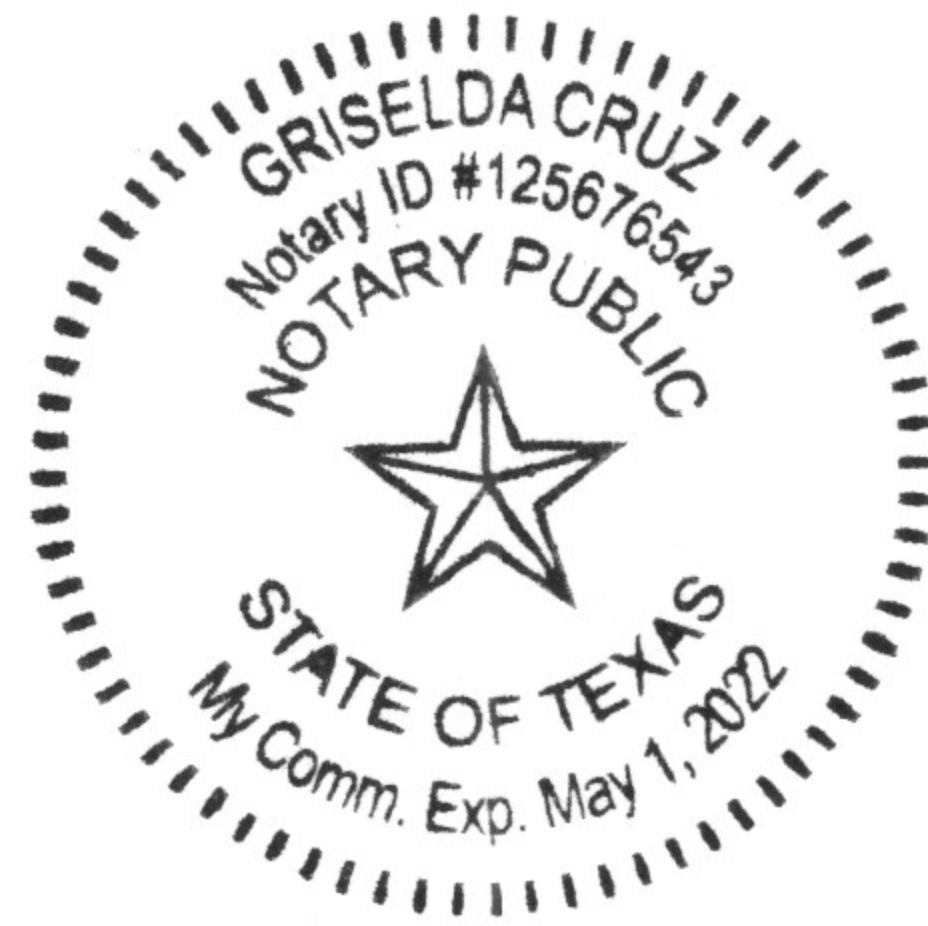
Before me a Notary Public in and for said County and State, personally appeared Gary W. Stewart, and being first duly sworn by me upon oath, says that the facts stated in the foregoing instrument are true.

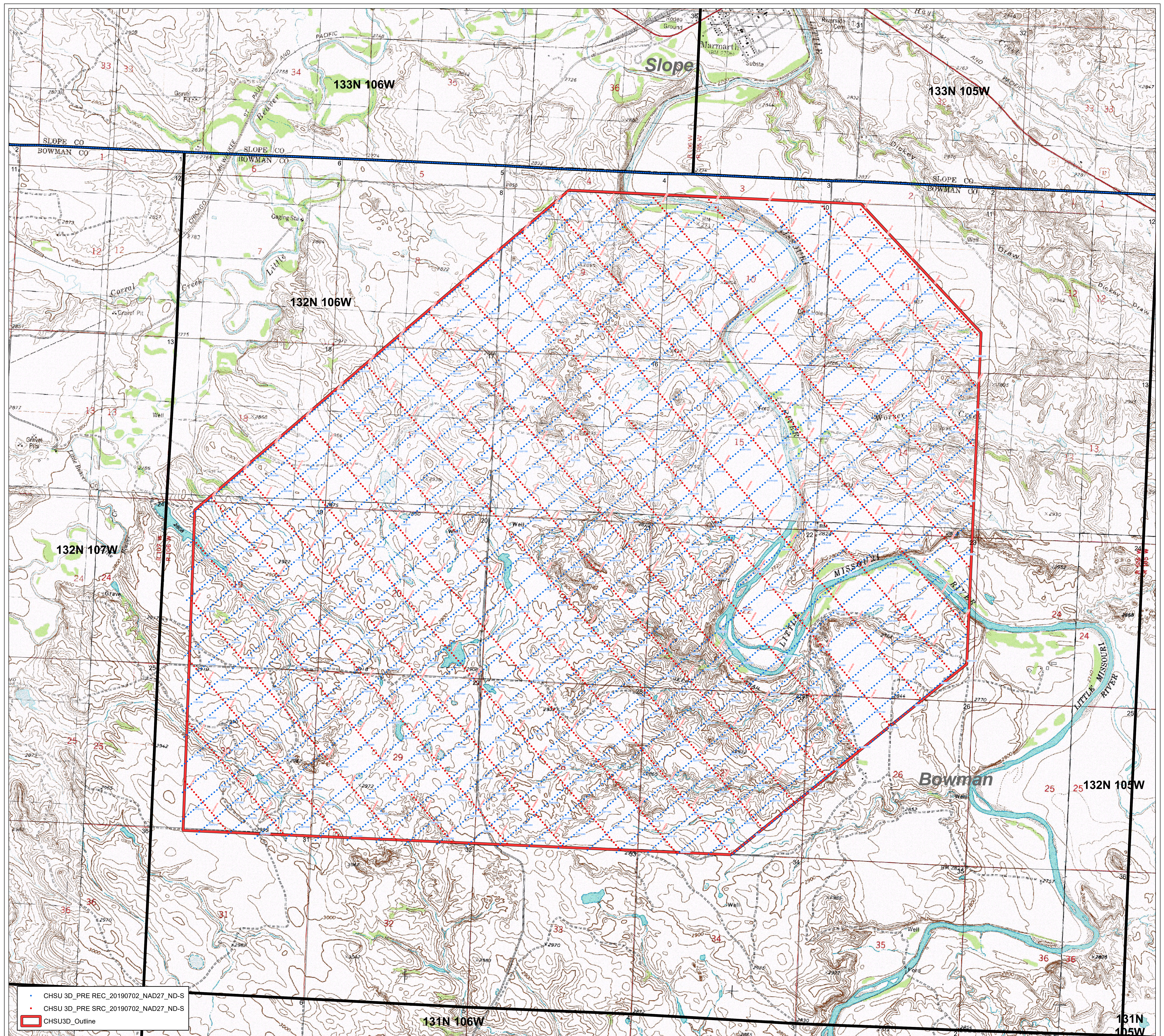
Signed and sealed this 10th day of July, 2019.

Notary Signature: [Handwritten Signature]

Printed: GRISELDA CRUZ

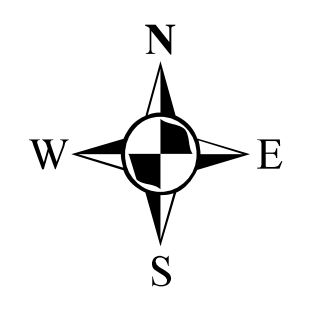
My Commission Expires: 5/01/22





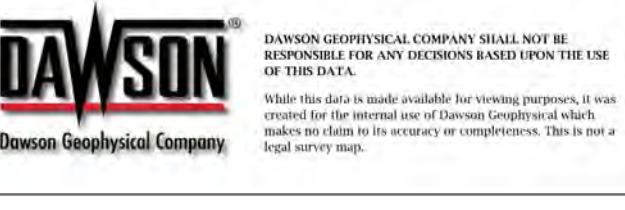
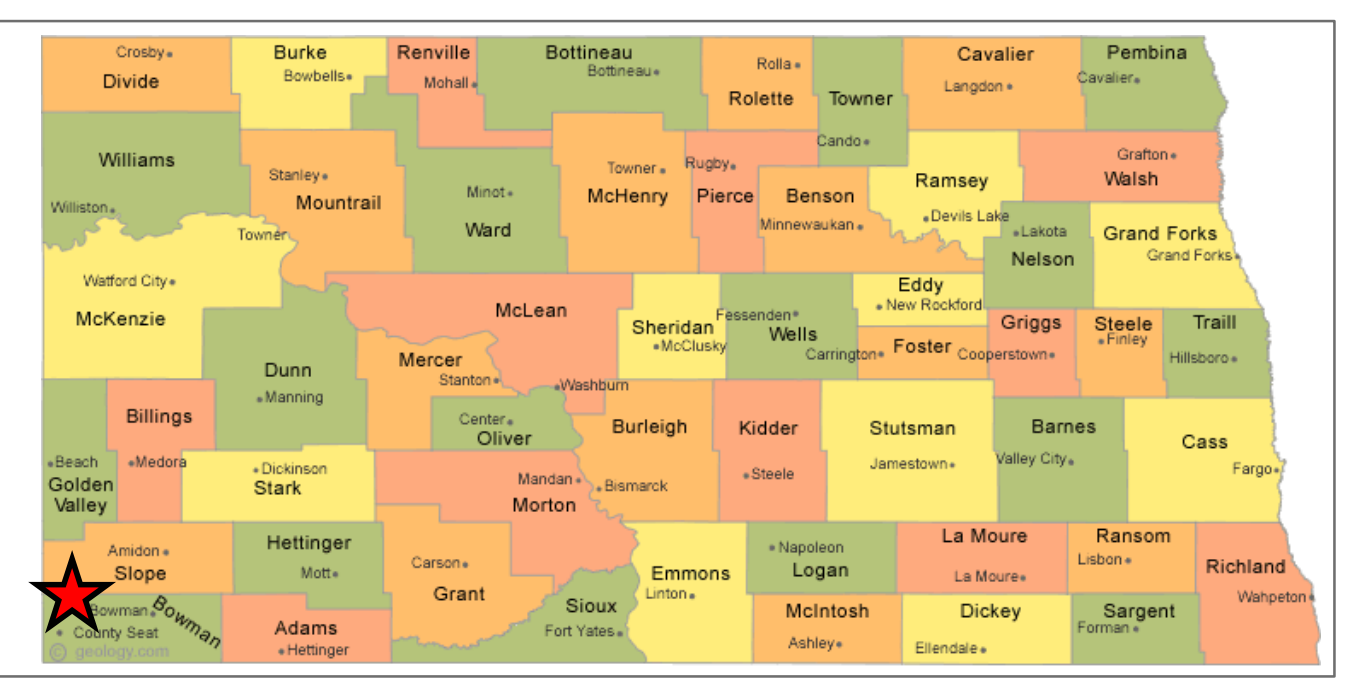
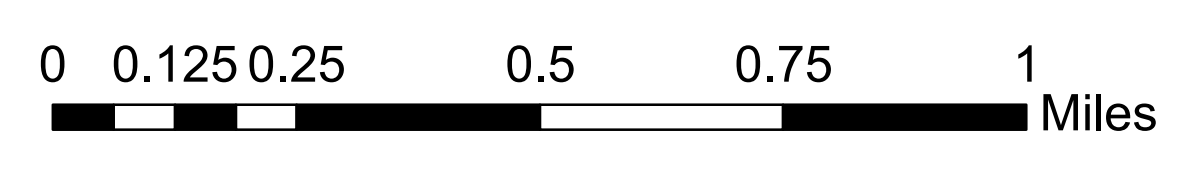
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Author: Nick Wisniewski
 7/2/2019

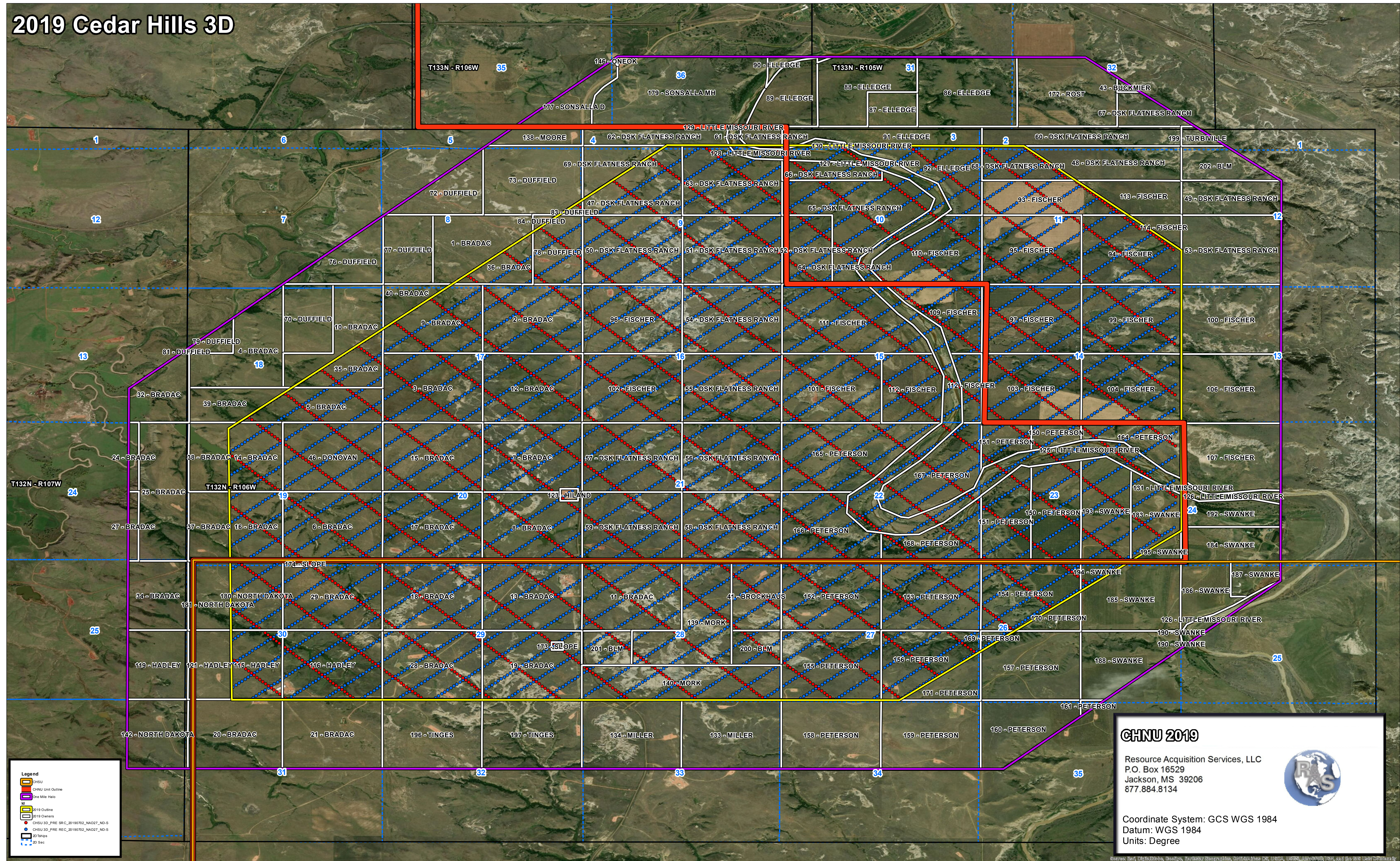


CHSU 3D Surface

Acres: 9,977
 Sq. Miles: 15



2019 Cedar Hills 3D




Legend

- CHSU
- CHNU Unit Outline
- One Mile Halo
- 2019 Outline
- 2019 Owners
- CHSU 3D_PRE_SRC_20190702_NAD27_ND-S
- CHSU 3D_PRE_REC_20190702_NAD27_ND-S
- 20 Acres
- 20 Sec

CHNU 2019

Resource Acquisition Services, LLC
 P.O. Box 16529
 Jackson, MS 39206
 877.884.8134



Coordinate System: GCS WGS 1984
 Datum: WGS 1984
 Units: Degree

Source: Esri, DigitalGlobe, GeoEye, Earthstar (Earthstar), CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community