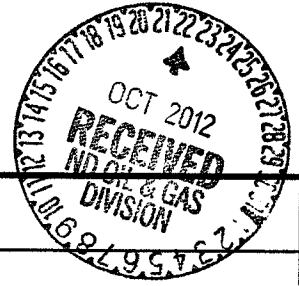




GEOPHYSICAL EXPLORATION COMPLETION REPORT - FORM GE 6A

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



Permit No. 970231	
Shot Hole Operations	*Non-Explosive Operations Non Explosive 3D

SECTION 1

Geophysical Contractor Dawson Geophysical Co	
Project Name and Number North Elms 3D	County(s) Bottineau
Township(s) 159, 160, 161	Range(s) 80, 81, 82
Drilling and Plugging Contractors	
Date Commenced September 11, 2012	Date Completed October 12, 2012

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): North Elms 3D

PERMIT NUMBER: 970231

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF North Dakota)

COUNTY OF Bottineau)

Before me, Miranda Brandt, a Notary Public in and for the said

County and State, this day personally appeared Jody Bouchard

who being first duly sworn, deposes and says that (s)he is employed by St. Croix Seismic, LLC

_____ , 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.

Jody Bouchard
Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 17th day of October, 2012.

MIRANDA BRANDT
Notary Public
State of North Dakota
My Commission Expires Aug. 13, 2015

Notary Public Miranda Brandt

My Commission Expires 8-13-15



October 15, 2012

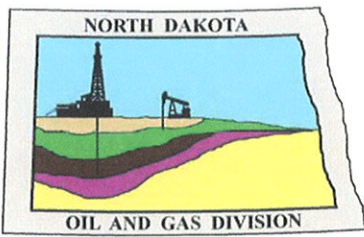
North Dakota Oil & Gas Division
600 East Boulevard Dept 405
Bismarck, ND 58505-0840

This letter is to confirm that the landowners and ½ mile landowners in and around the North Elms 3D Project were notified and provided a written copy of the NDCC Section 38-08.1-04.1 (Exploration Permit) and NDCC Chapter 38-11.1 (Oil and Gas Production Damage Compensation) at the time of permitting and was also included with the notification letter prior to commencement of the program. There were 169 landowners involved with the project area and ½ mile outside the project area.

Should you have any questions or concerns, I can be reached at the telephone number listed below.

Regards,

Jody Bouchard
St. Croix Seismic
Permit Agent
PO Box 190
Gordon, WI 54838
715-977-1001



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

AUGUST 1, 2012

Mr. Zane Zirschky
Dawson Geophysical Company
508 WEST WALL STREET
STE 800
MIDLAND, TX 79710

RE: NORTH ELMS 3-D
GEOPHYSICAL EXPLORATION PERMIT # 97-0231
WILLIAMS COUNTY
NON EXPLOSIVE METHOD

Dear Mr. Zirschky:

Please be advised that we are in receipt of your Geophysical Exploration permit application and it is conditionally approved; effective for one year from AUGUST 1, 2012. **PURSUANT TO NDAC 43-02-12-05 (DISTANCE RESTRICTION) non-explosive exploration method may not be conducted not less than 300 feet from a water well, building, underground cistern, pipelines, and flowing spring.** 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. SD card or email: ttorstenson@nd.gov with all source and receiver points,

- e. Letter stating that the Geophysical Company has given all surface owner's a copy of the Section and Chapter of the NDCC as stated in paragraph 5.
4. It is required that within seven days of initial contact between the permitting agent and the operator of the land, the permitting agent shall provide the operator of the land and each landowner owning land within one-half mile of the land on which geophysical exploration activities are to be conducted a written copy of NDCC Section 38-08.1-04.1 (Exploration Permit) and NDCC Chapter 38-11.1 (Oil and Gas Production Damage Compensation). The permitting agent shall file an affidavit with this office confirming compliance with such notification. For your convenience, a copy of both Sections are enclosed.
 5. 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.
 6. 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/>
 7. 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
DMR 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)



1) a. Company DAWSON GEOPHYSICAL CO		Address 508 WEST WALL SUITE 800 MIDLAND TX 79701		
Contact ZANE ZIRSCHKY		Telephone (303) 720-2229	Fax (432) 413-3199	
Surety Company US SPECIALTY INS. CO		Bond Amount \$50,000	Bond Number B005272	
2) a. Subcontractor(s) CT CORPORATION		Address PO BOX 400 BISMARCK ND 59502		Telephone
b. Subcontractor(s)		Address		Telephone
3) Party Manager ZANE ZIRSCHKY		Address (local)		Telephone (local) (303) 720-2229
4) Project Name or Line Numbers NORTH ELMS 3D				
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) NON EXPLOSIVE 3D				
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. 72 (144 Rec)	No. of sq. mi. 60
Size of Hole 2-D	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.
8) Approximate Start Date 9/1/2012			Approximate Completion Date 12/1/2012	

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

9) Location of Proposed Project - County BOTTINEAU COUNTY, NORTH DAKOTA				
Section(s), Township(s) & Range(s)	Section 36	T.	161	R. 81
	Section 31-33	T.	161	R. 80
	Section 1-3,10-17,20-36	T.	160	R. 81
	Section 6-8,16-21,28-30	T.	160	R. 80
	Section 1-21,28-29	T.	159	R. 81
	Section 13-14,23-24	T.	159	R. 82

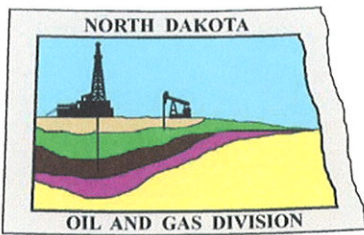
I hereby swear or affirm that the information provided is true, complete and correct as determined from all available records. Date

Signature: *Jody Bouchard* Printed Name: **JODY BOUCHARD** Title: **PERMIT AGENT**

Email Address(es): **jody.bouchard@stcroixseismic.com**

(This space for State office use)		Permit Conditions
Permit No. 970231	Approval Date 8/1/12	
Approved by <i>[Signature]</i>	Title Mineral Resources Permit Manager	

* 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.



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

AUGUST 1, 2012

The Honorable Mae Steich
Bottineau County Auditor
314 West 5th
Bottineau, ND 58318-1204

RE: Geophysical Exploration
Permit # 97-0231

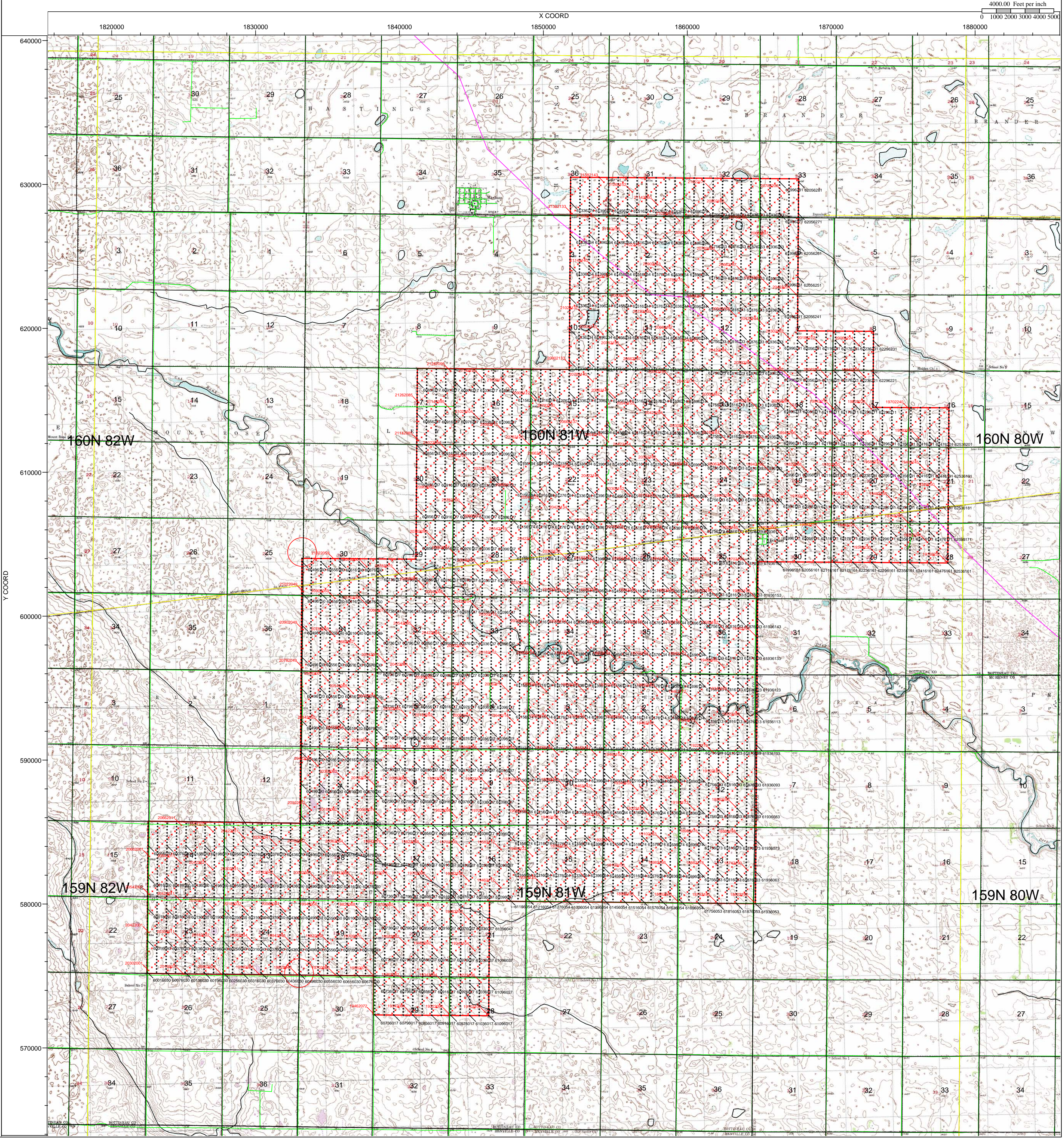
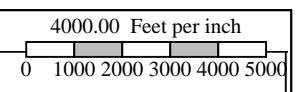
Dear Ms. Steich:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that DAWSON GEOPHYSICAL COMPANY was issued the above captioned permit on AUGUST 1, 2012 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
Mineral Resources Permit Manager





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

FORM GE 1

FILING AUTHORIZATION

COMPANY NAME: Dawson Geophysical Company

ADDRESS: 6855 South Havana Ste. 560

CITY: Centennial STATE: CO ZIP: 80112

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>E-Mail Address</u>	<u>Phone Number</u>
Jody Bouchard	jody.bouchard	715-977-1001
St. Croix Seismic	@stcroixseismic.com	

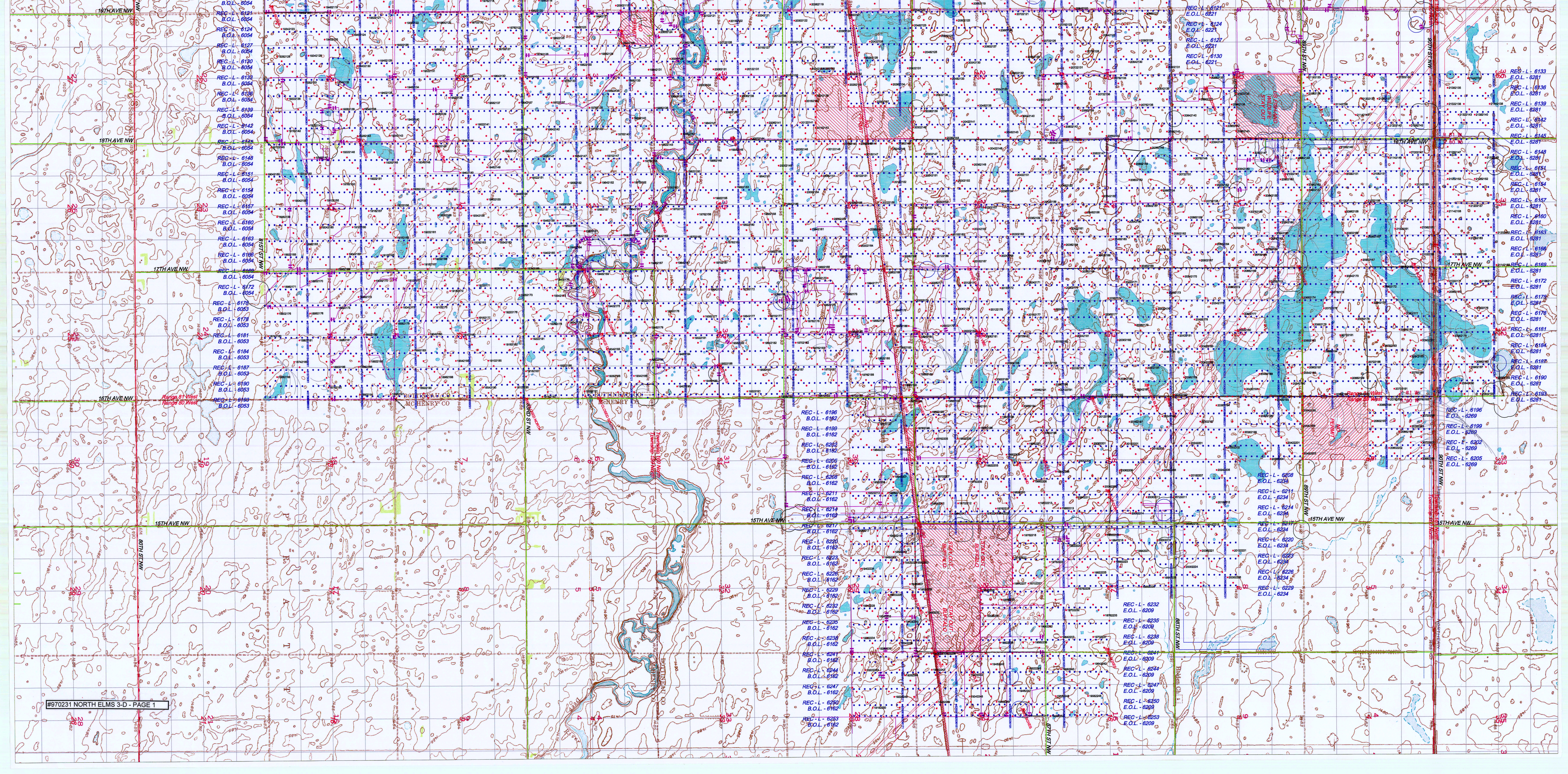
Company Authorized Signature: Zane P. Zirschky Date: 07/19/2012

Printed Name: Zane Zirschky Title: Project Manager

Phone: 303-720-2229 Email Address: zirschky@dawson3d.com

Witness Signature: A.J. Robinson Date: 07/19/2012

Witness Printed Name: A.J. Robinson



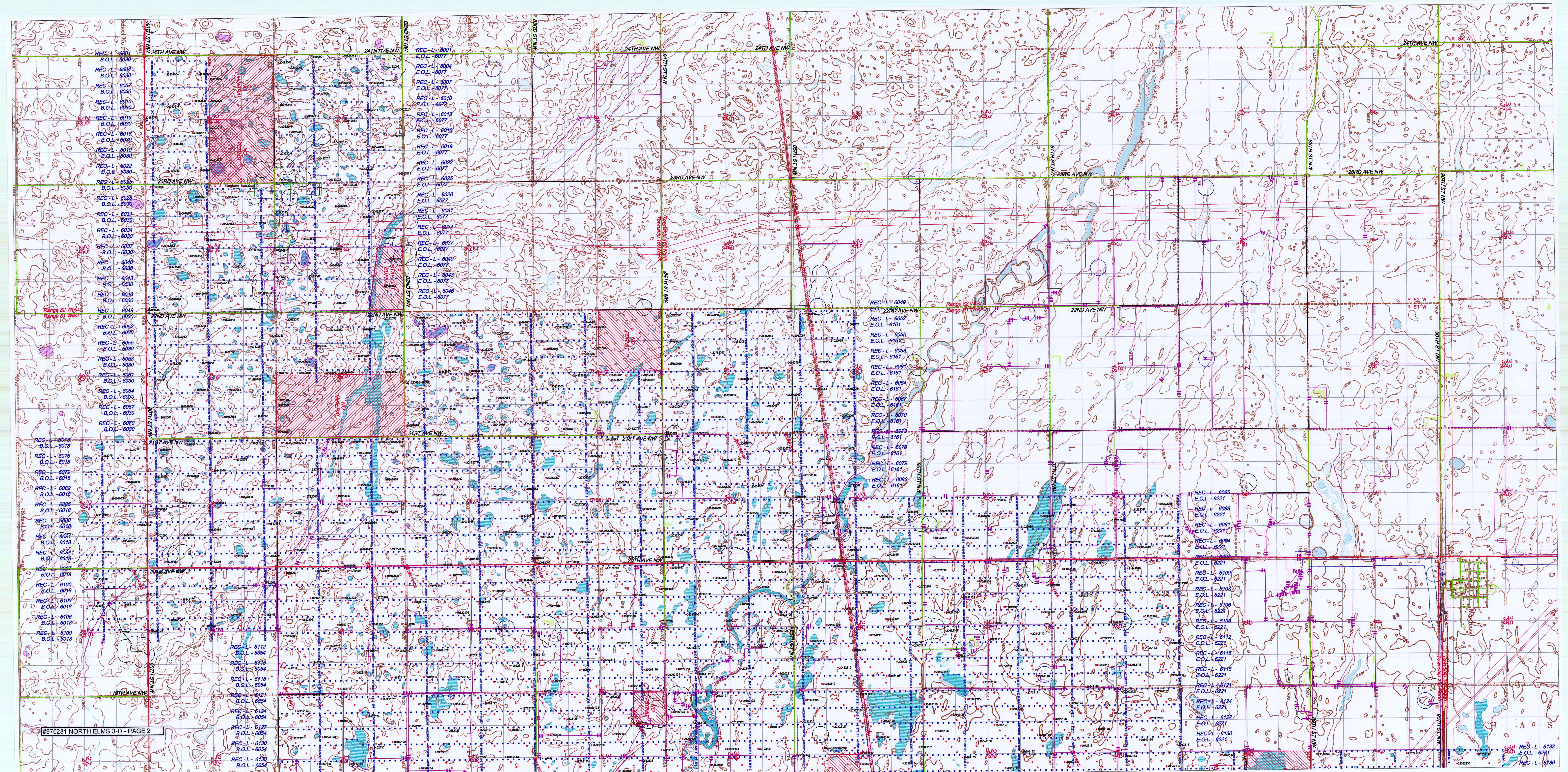
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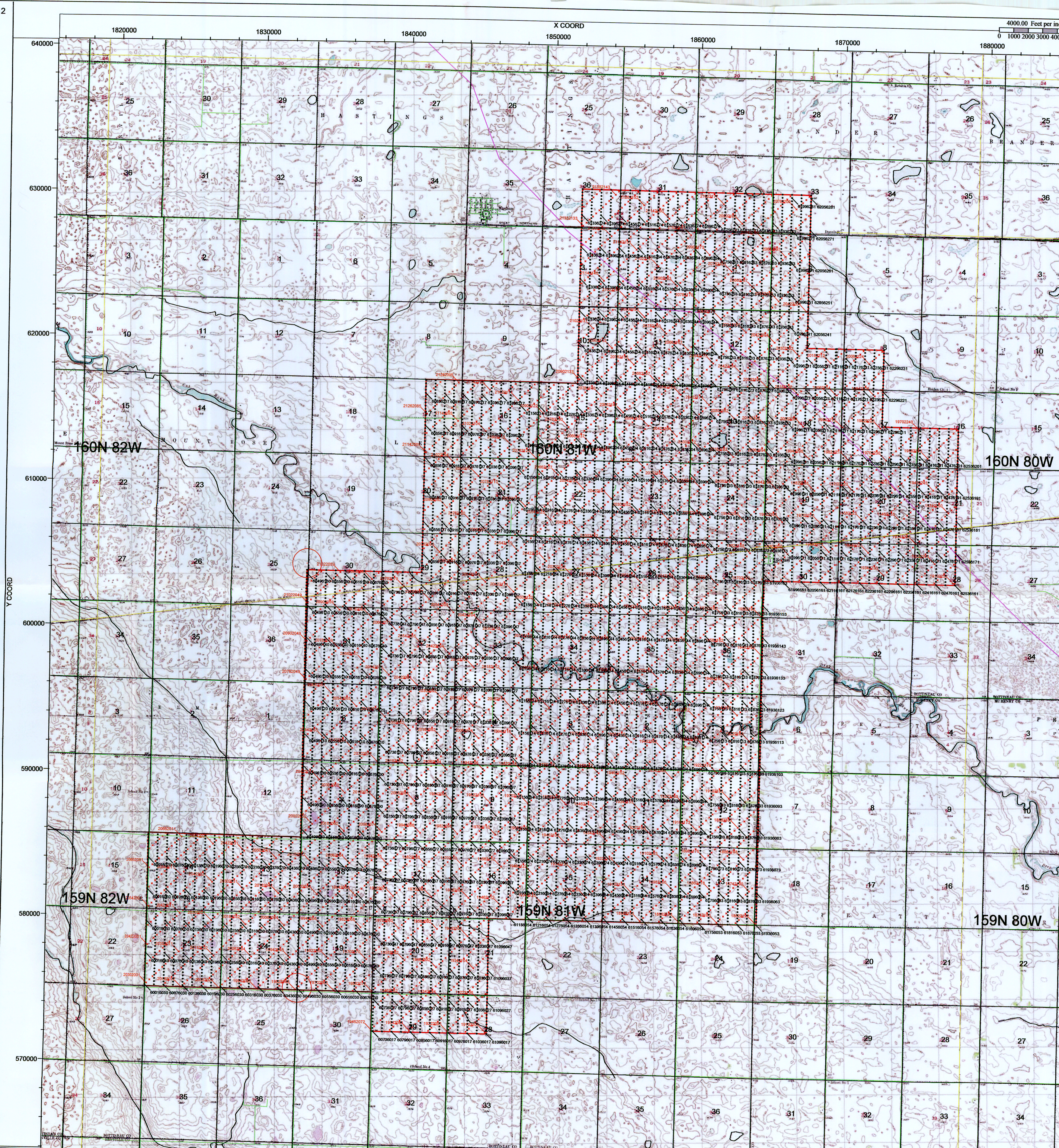
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pre plot
970231