



June 19, 2015

Industrial Commission of North Dakota
Oil & Gas Division
Att: Todd Holweger
600 East Boulevard Dept 405
Bismark, ND 58505-0840

Dear Todd,

This letter is to confirm that the landowners and ½ mile landowners in and around the MacKobee Coulee 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.

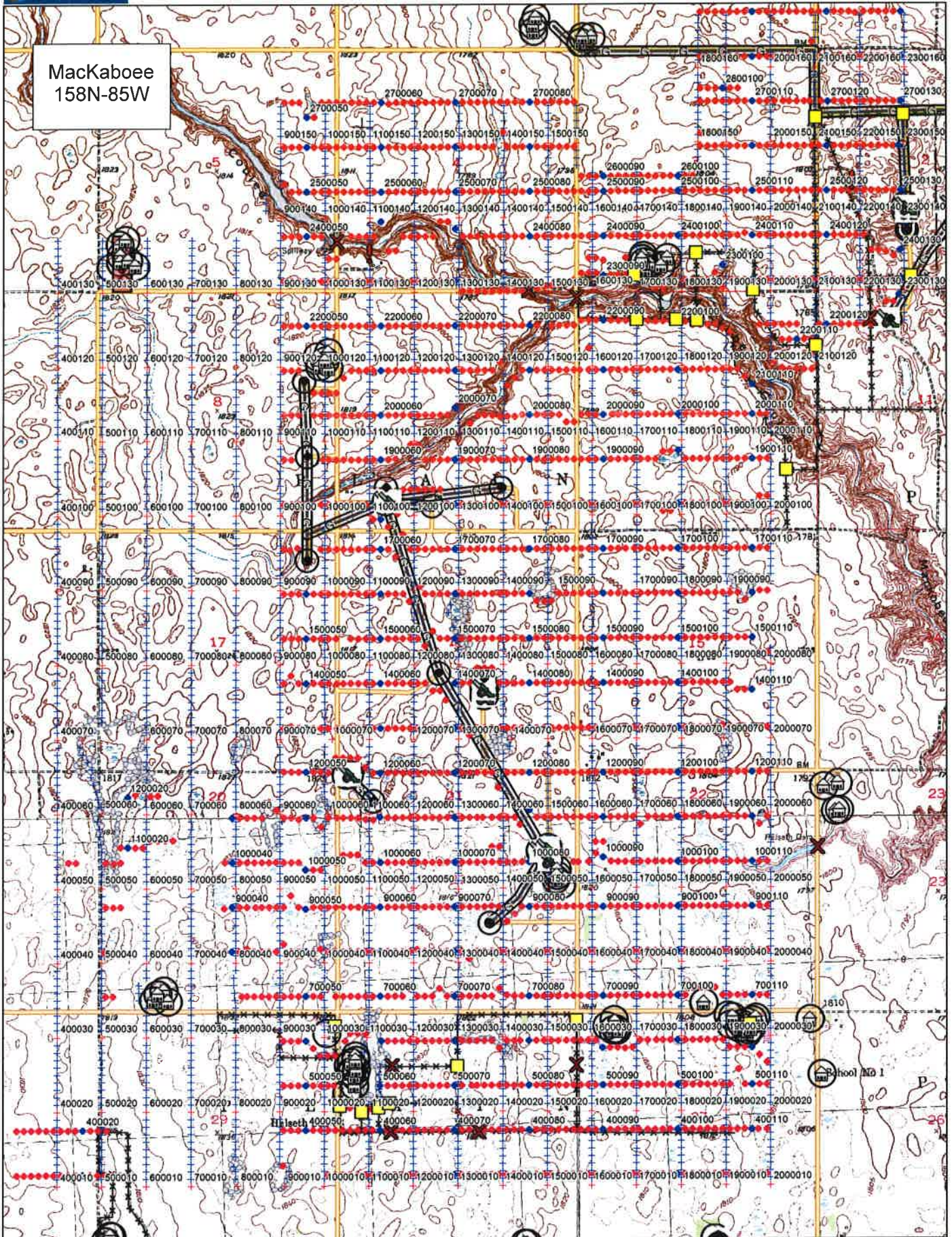
Regards,

A handwritten signature in blue ink, appearing to read "Jeremiah Newkirk", is written over the typed name.

Jeremiah Newkirk

Local Office:
3500 N. Rock Road
Building 800, Suite B
Wichita, KS 67226
(316) 636-5552
Fax: (316) 636-5572

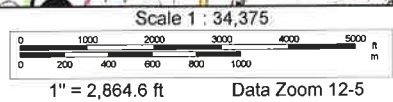
Mackaboee
158N-85W



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PERMIT NAME (Required): MacKobee Coulee 3D

PERMIT NUMBER: 970217

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF Kansas)

COUNTY OF Sedgwick)



Before me, Belinda French, a Notary Public in and for the said

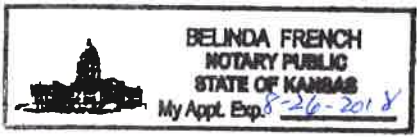
County and State, this day personally appeared Jeremiah Newkirk

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.

[Signature]
 Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 19 day of June, 2015.



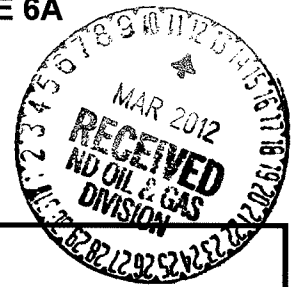
Notary Public Belinda French

My Commission Expires 8-26-2018



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. 970217	
Shot Hole Operations NA	*Non-Explosive Operations 3D Vibroseis

SECTION 1

Geophysical Contractor Paragon Geophysical Services, Inc.	
Project Name and Number MacKobee Coulee 3D	County(s) Renville
Township(s) 158-159	Range(s) 85
Drilling and Plugging Contractors NA	
Date Commenced February 8, 2012	Date Completed March 3, 2012

SECTION 2

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

SECTION 3

Flowing Holes and/or Blowouts S.P.#s NA Vibroseis
Procedure for Plugging Flowing Holes and/or Blowouts NA Vibroseis
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).

Oil and Gas Division

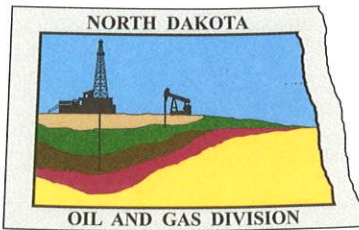
Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.oilgas.nd.gov



DECEMBER 28, 2011

Mr. Erick Erwin
PARAGON GEOPHYSICAL SERVICES, INC.
3500 N. Rock Road,
Bldg. 800, Suite B
Wichita, KS 67226

RE: MACKOBEE COULEE 3-D
GEOPHYSICAL EXPLORATION PERMIT # 97-0217
REVILLE COUNTY
NON EXPLOSIVE METHOD

Dear Mr. Erwin:

Please be advised that we are in receipt of your Geophysical Exploration permit application and it is conditionally approved; effective for one year from DECEMBER 28, 2011. **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. The following information must be submitted within 30 days of the completion of the project by the SUBCONTRACTOR(s) (when applicable):
 - a. Plugging Report
 - b. Plugging Affidavit
5. 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.
6. 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.
7. 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/>
8. 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 Paragon Geophysical Services, Inc.	Address 3500 N. Rock Road, Bldg 800 Suite B, Wichita, KS 67226	
Contact Erick Erwin	Telephone 316-636-5552	Fax
Surety Company RLI Insurance	Bond Amount \$50,000/\$10,000	Bond Number RLB0014148/RLB0014147
2) a. Subcontractor(s) Geophysical Navigation Services, LP	Address PO Box 670309 Dallas, TX 75367	Telephone 214-812-----9033
b. Subcontractor(s)	Address	Telephone
3) Party Manager	Address (local)	Telephone (local)

4) Project Name or Line Numbers
MacKobee Coulee 3D

5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other)
3D 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	Amt of Charge	Depth	Source points per sq. mi.	No. of sq. mi.
3-D			173	14.5
Size of Hole	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.
2-D				

8) Approximate Start Date
December 20, 2011

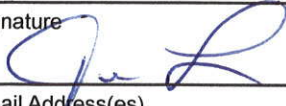
Approximate Completion Date
February 28, 2012

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	T.	R.
		2,3,4,5,6,7,8,9,10,11,15,16	158
	17,18,19,20,21,22,27,28,29,30	158	85
	34,35	159	85

I hereby swear or affirm that the information provided is true, complete and correct as determined from all available records. Date **12/12/11**

Signature  Printed Name **JASON LEE** Title **SEISMIC PERMIT AGENT**

Email Address(es)
CLIMZONJE@GMAIL.COM

(This space for State office use)

Permit No. **970217** Approval Date **12/28/11**

Approved by 

Title

Permit Conditions

- * Permit in hand required at pre-program meeting with inspector and be aware of all NDIC Rules and Regulations (i.e. distance restrictions).
- * See attached letter.

MackKobee 3D 2011

X COORD

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174000

172000

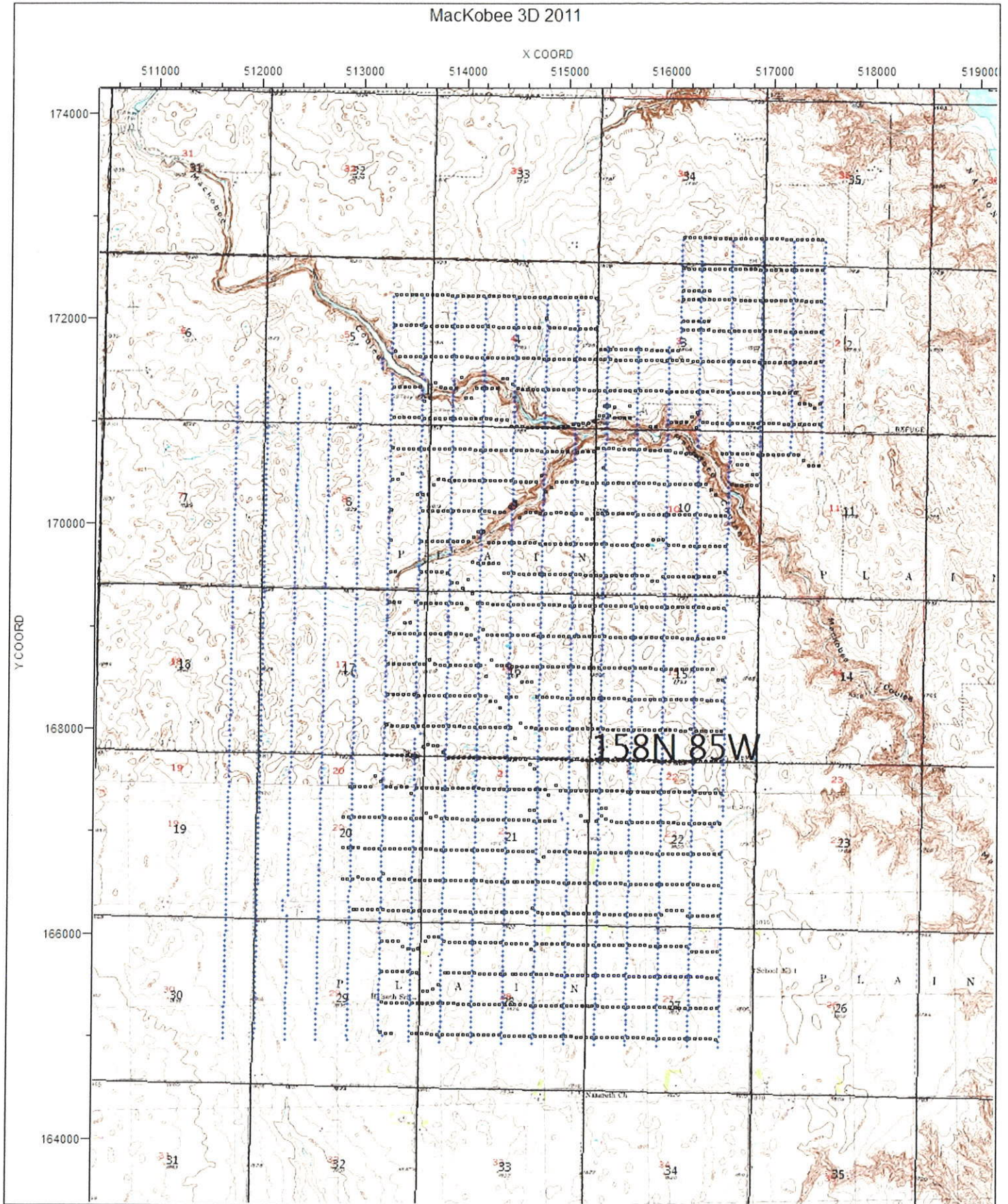
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Oil and Gas Division

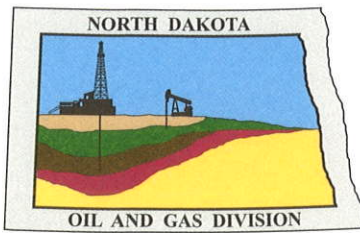
Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.oilgas.nd.gov



DECEMBER 28, 2011

The Honorable LeAnn Fisher
Renville County Auditor
P.O. Box 68
Mohall, ND 58761

RE: Geophysical Exploration
Permit # 97-0217

Dear Ms. Fisher:

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 December 28, 2011 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