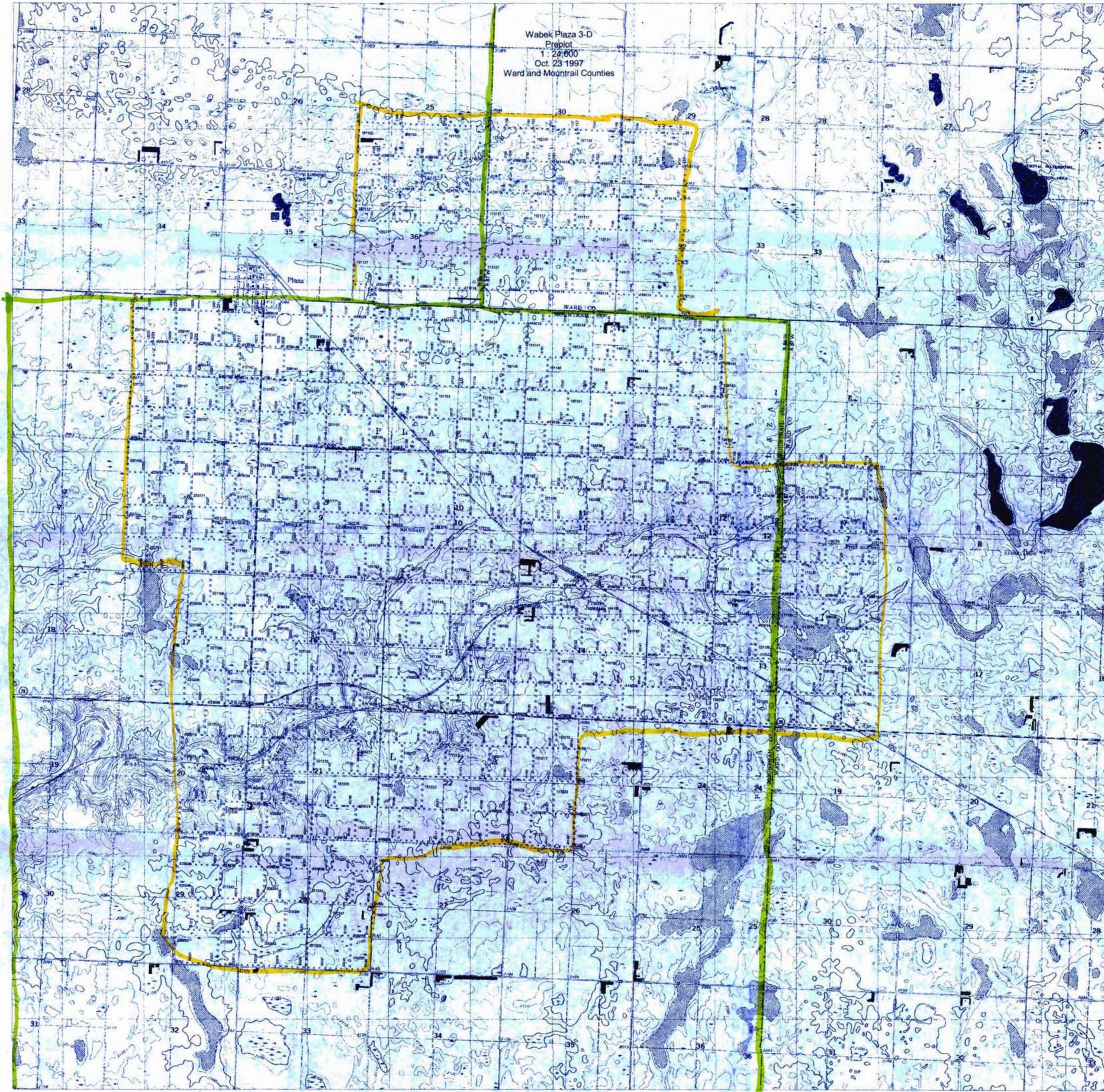


Wabek Plaza 3-D  
Preplot  
1:24,000  
Oct. 23 1997  
Ward and Moontrail Counties



T 153 N  
T 152 N

T 153 N  
T 152 N

**Legend**

- Source
- Receivers

220 225 660 1100 1540 1980 Feet  
440 880 1320 1760

Contractor : Trace Ventures  
Surveyor : Lone Star Surveys

Point Count  
Preplot  
Source 1776 Receiver 2400  
Line/Point Spacing  
Source  
1760' by 220' brick of 6  
Receivers  
1320' by 220'

R 88 W R 87 W

Wabek Plaza 3-D  
Preplot  
1:24,000  
Oct. 23 1997  
Ward and Montclair Counties



T 153 N  
T 152 N

T 153 N  
T 152 N

**Legend**

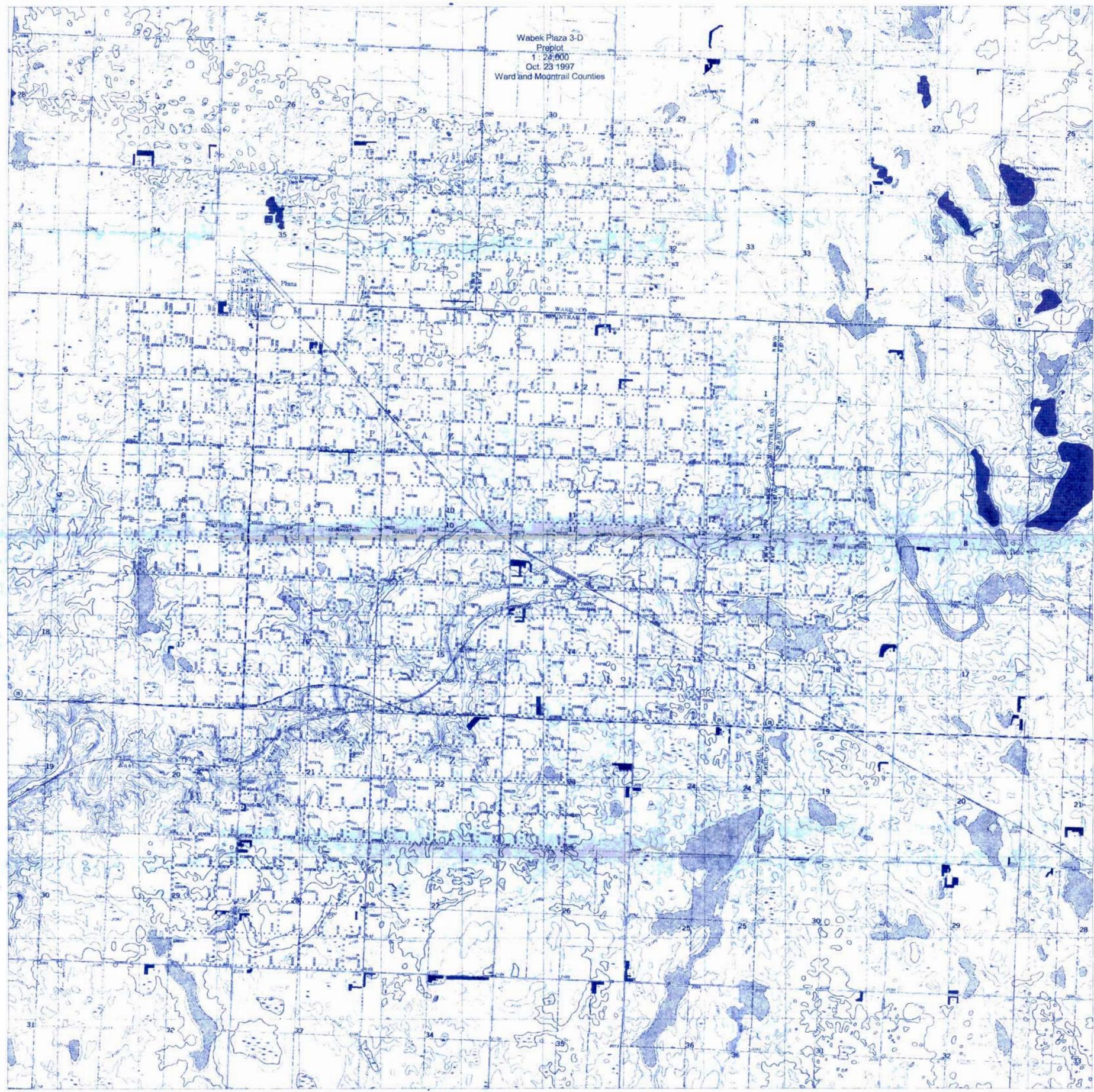
- Source
- Receivers



Contractor : Trace Ventures  
 Surveyor : Lone Star Surveys

Point Count  
 Preplot  
 Source 1776 Receiver 2400

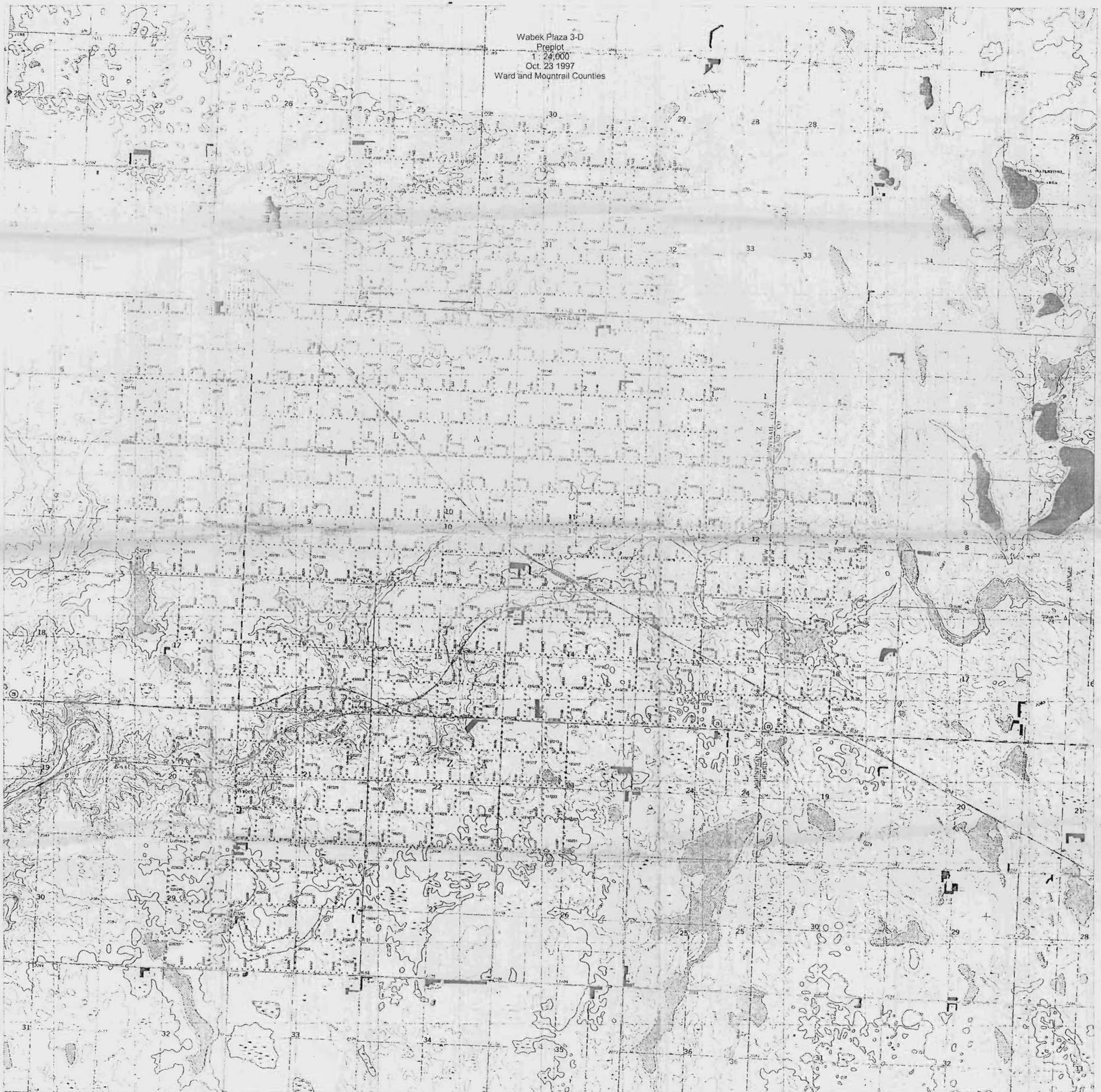
Line/Point Spacing  
 Source  
 1760' by 220' brick of 6  
 Receivers  
 1320' by 220'



R 88 W R 87 W

R 88 W R 87 W

Wabek Plaza 3-D  
Preplot  
1:24,000  
Oct. 23 1997  
Ward and Mountrail Counties



**Legend**

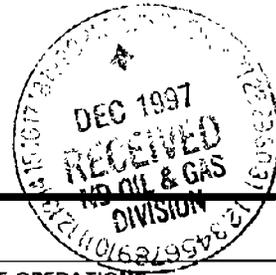
- Source
- Receivers

330 330 440 1100 1500 1900 Feet  
1 400 500 1200 1700

Contractor : Trace Ventures  
Surveyor : Lone Star Surveys

Point Count  
Preplot  
Source 1776 Receiver 2400  
Line/Point Spacing  
Source  
1760' by 220' brick of 6  
Receivers  
1320' by 220'

R 88 W R 87 W



PERMIT NO.: <i>97-0022</i>	
SHOT HOLE OPERATIONS:	*NON-EXPLOSIVE OPERATIONS: <i>vibro seis</i>

**SECTION 1**

GEOPHYSICAL CONTRACTOR: <i>Trace Ventures Exploration Inc</i>	
PROJECT NAME AND NUMBER: <i>Wabex 3-11</i>	COUNTY(S): <i>Mountrail and Ward</i>
TOWNSHIP(S): <i>153N; 152N</i>	RANGE(S): <i>88W; 87W</i>
PERMITTED BY: <i>Bruce and Dave Gaugler (Cody Oil and Gas)</i>	
DATE COMMENCED: <i>Nov<sup>B</sup> 1997</i>	DATE COMPLETED: <i>Dec<sup>2</sup> 1997</i>

**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 S.P.#'s
PROCEDURE FOR PLUGGING FLOWING HOLES:
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.

**AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)**

MONTANA  
STATE OF NORTH DAKOTA )  
)  
COUNTY OF SHERIDAN )

Before me, Katherine D. Nelson, a Notary Public in and for the said County and State, this day personally appeared Glenda J Redmond who being first duly sworn, deposes and says that (s)he is employed by Trace Ventures Exploration 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.

Glenda J Redmond  
Geophysical Contractor Representative

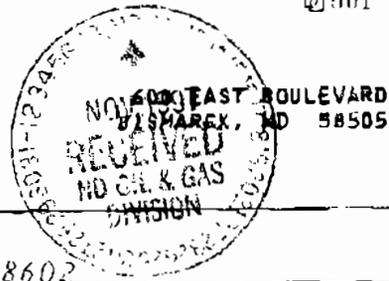
Subscribed in my presence and sworn before me this 18th day of December, 97.

Notary Public Katherine D Nelson

My Commission Expires 1-1-2001

NOTARY PUBLIC in State of North Dakota  
My Commission Expires 1-1-2001

**GEOPHYSICAL EXPLORATION PERMIT  
INDUSTRIAL COMMISSION OF NORTH DAKOTA  
OIL AND GAS DIVISION  
SFN**



1) a. Company <i>Trace Ventures Exp. Inc</i>	Address <i>PO Box 929 Dickinson ND 58602</i>	
Contact <i>G.J. Redmond</i>	Telephone <i>701-225-4655</i>	Fax
Surety Company <i>ST Paul Fire and Marine</i>	Bond Amount <i>unlimited</i>	Bond Number <i>7X8395</i>
2) a. Subcontractor(s)	Address	Telephone
b. Subcontractor(s)	Address	Telephone
c. Subcontractor(s)	Address	Telephone
3) Party Manager	Address	Telephone
4) Project Name or Line Number <i>Waker 3-D</i>		
5) Exploration Method (Shot hole, Non-Explosive, 2D, 3D) <i>microseis 3-D</i>		
6) Approx. Date Work Will Start <i>11-17-97</i>	Approx. Date Work Completion <i>12-31-97</i>	

**MUST NOTIFY THE COMMISSION AT LEAST 24 HOURS IN ADVANCE OF COMMENCEMENT OF DRILL/PLUG OPERATIONS**

7) Location of Proposed Project - County <i>Mountain &amp; Ward</i>			
Section(s), Township(s) & Range(s) <i>Sec 7, 18 T152NR 87W</i>	Sec. 25, 36	T 153N	R 88W
	Sec. 30, 31, 32	T 153N	R 87W
	Sec. 1-5; 8-12; 13-17		R
	Sec 20-23; 27-28	T 152N	R 88 W

8) Size of Hole	Amount of Charge	Depth	Shots Per Mile (sq.mi.)	Number of Miles (sq.mi.)	Identifying Marks Used on Nonmetallic Plug		
<i>N/A</i>	<i>N/A</i>	<i>N/A</i>			Geophysical ID	a. Plugger ID	b. Plugger ID

9) Anticipated special drilling and plugging procedures?

10) Enclose a pre-plot map with proposed location of seismic program lines and powder mag.

Signed <i>Glenda J Redmond</i> (This space for State office use)	Title <i>Permit Supervisor</i>	Date <i>11-5-97</i>
--	-----------------------------------	------------------------

Conditions of Approval if any:

Permit No. <i>97-0022</i>	Approval Date <i>11-10-97</i>
Approved By <i>Paul C. Hill</i>	
Title <i>Geophysical Regulatory Supervisor</i>	
County Approval Date <i>Mountain and Ward Counties 11-10-97</i>	

NORTH DAKOTA INDUSTRIAL COMMISSION

**OIL AND GAS DIVISION**

Wesley D. Norton  
DIRECTOR

F. F. Wilborn  
ASSISTANT DIRECTOR

November 10 ,1997

Tom Paquette  
Trace Ventures Exploration Inc.  
4500 W. Illinois, Ste. 118  
Midland TX 79703

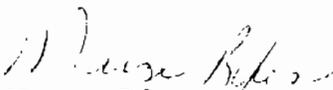
**RE: GEOPHYSICAL EXPLORATION PERMIT NO. 97-0022  
WABEX 3D - Mountrail & Ward Counties**

Dear Mr. Paquette:

This letter will verify the approval of the above-captioned Geophysical Permit effective November 10, 1997.

Please feel free to contact Mr. David Hvinden, Geophysical Regulation Supervisor if you should have any questions.

Sincerely,



Marge Rixen  
Legal Assistant

/mr

NORTH DAKOTA INDUSTRIAL COMMISSION

**OIL AND GAS DIVISION**

Wesley D. Norton  
DIRECTOR

P.E. Wilborn  
ASSISTANT DIRECTOR

November 10, 1997

The Honorable Greg Nelson  
Ward County Administrative Officer  
315 3rd Street SE  
Minot, ND 58701

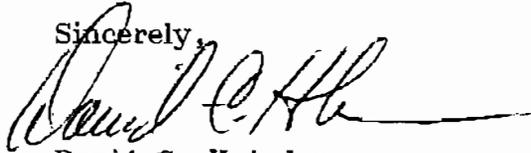
RE: Geophysical Exploration  
Permit #97-0022

Dear Mr. Nelson:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Trace Ventures Expl., Inc. was issued the above captioned permit on November 10, 1997 and will remain in effect for a period of one year.

Should you have any question, please contact our office.

Sincerely,



David C. Hvinden  
Geophysical Regulation Supervisor

DCH/dh

NORTH DAKOTA INDUSTRIAL COMMISSION

**OIL AND GAS DIVISION**

Wesley D. Norton  
DIRECTOR

F.E. Wilborn  
ASSISTANT DIRECTOR

November 10, 1997

The Honorable Karen Eliason  
Mountrail County Auditor  
P.O. Box 69  
Stanley, ND 58784

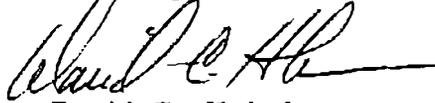
RE: Geophysical Exploration  
Permit #97-0022

Dear Ms. Eliason:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Trace Ventures Expl., Inc. was issued the above captioned permit on November 10, 1997 and will remain in effect for a period of one year.

Should you have any question, please contact our office.

Sincerely,



David C. Hvinden  
Geophysical Regulation Supervisor

DCH/dh