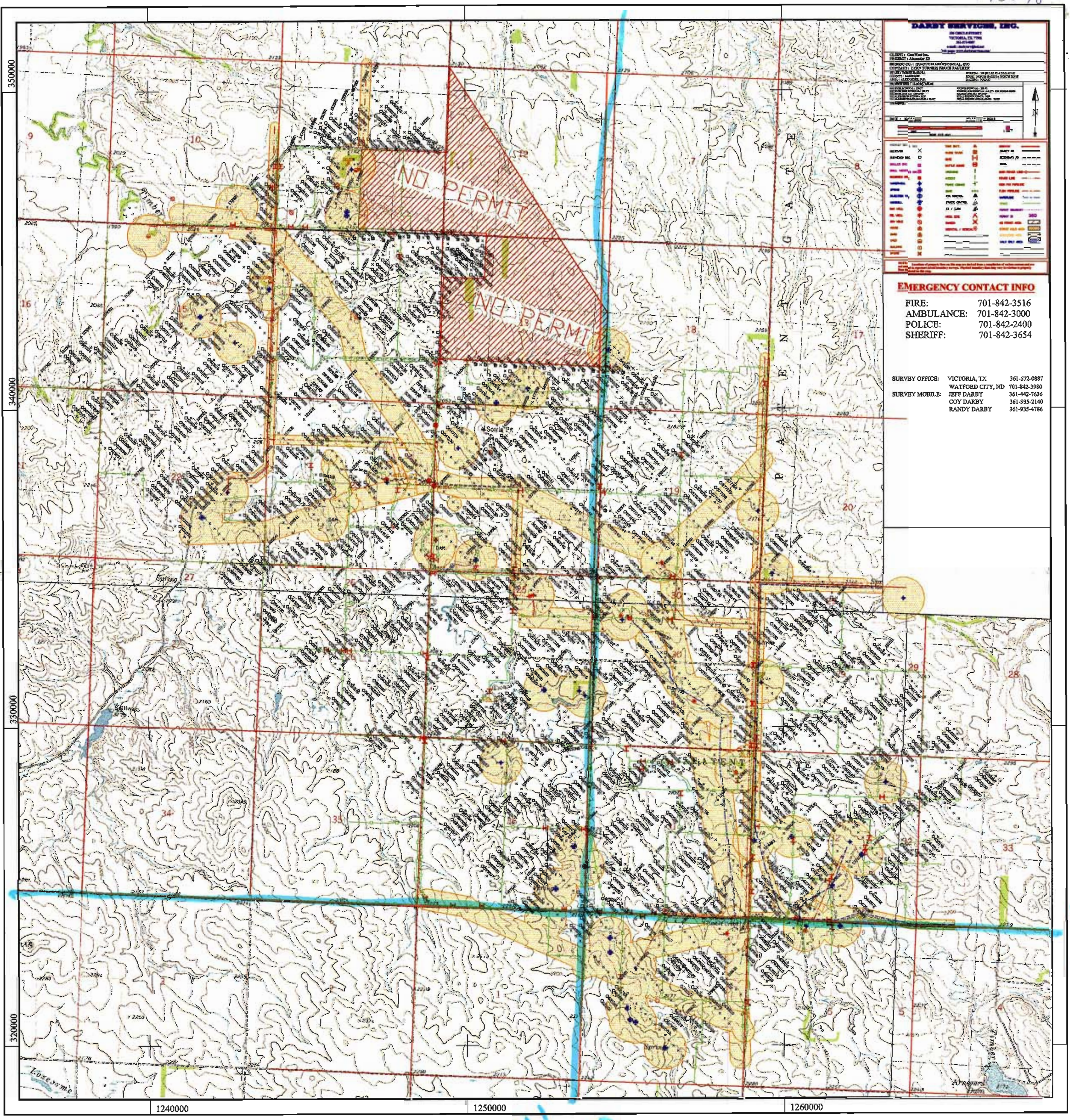


970048



DARBY SERVICES, INC.
 AN OVERSEAS COMPANY
 VICTORIA, TX 77901
 409-572-0887
 www.darby.com

CLIENT: **Chaswell Inc.**
 PROPERTY: **Abundant 23**
 PROJECT: **QUANTUM GEOPHYSICAL, INC**
 CONTRACT: **2303010001 PROBE PAD/REZ**

DATE: **10/23/2000**
 DRAWN BY: **JEFF DARB**
 CHECKED BY: **COY DARB**
 PROJECT NO: **2303010001**

SCALE: **AS SHOWN**
 DATE: **10/23/2000**

EMERGENCY CONTACT INFO

FIRE: 701-842-3516
 AMBULANCE: 701-842-3000
 POLICE: 701-842-2400
 SHERIFF: 701-842-3654

SURVEY OFFICE: VICTORIA, TX 361-572-0887
 WATFORD CITY, ND 701-842-3980
 SURVEY MOBILE: JEFF DARB 361-442-7636
 COY DARB 361-935-2140
 RANDY DARB 361-935-4786



970048

DARBY SERVICES, INC.

106 CIRCLE STREET
VICTORIA, TX. 77901
361.672-8867
e-mail: darbysrv@ics.net
web page: www.darby-services.com

CLIENT : CamWest Inc.
PROJECT : Alexander 3D
SEISMIC CO. : QUANTUM GEOPHYSICAL, INC.
CONTACT : LYNN TURNER; BRUCE FAULKNER

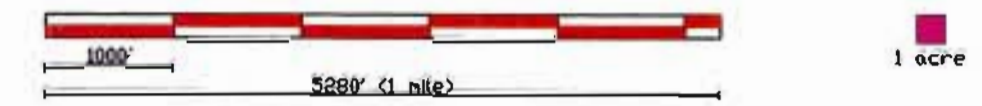
STATE : NORTH DAKOTA SYSTEM : US STATE PLANE NAD 27
COUNTY : MCKENZIE ZONE : NORTH DAKOTA NORTH ZONE
AREA : ALEXANDER, N.D. DATUM : NAD 27

PROJECT SIZE : 14.06 SQ. MILES
RECEIVER INTERVAL : 220 FT SOURCE INTERVAL : 220 FT
RECEIVER LINE INTERVAL : 80 FT SOURCE LINE INTERVAL : 440 FT / 1760 TRIPLE BRICK
RECEIVER LINE AZ : 138°22'45" SOURCE LINE AZ : 49°22'45"
TOTAL RECEIVER POINTS : 2176 TOTAL SOURCE POINTS : 1020
TOTAL RECEIVER LINEAR MILES : 90.667 TOTAL SOURCE LINEAR MILES : 42.500

COMMENTS :

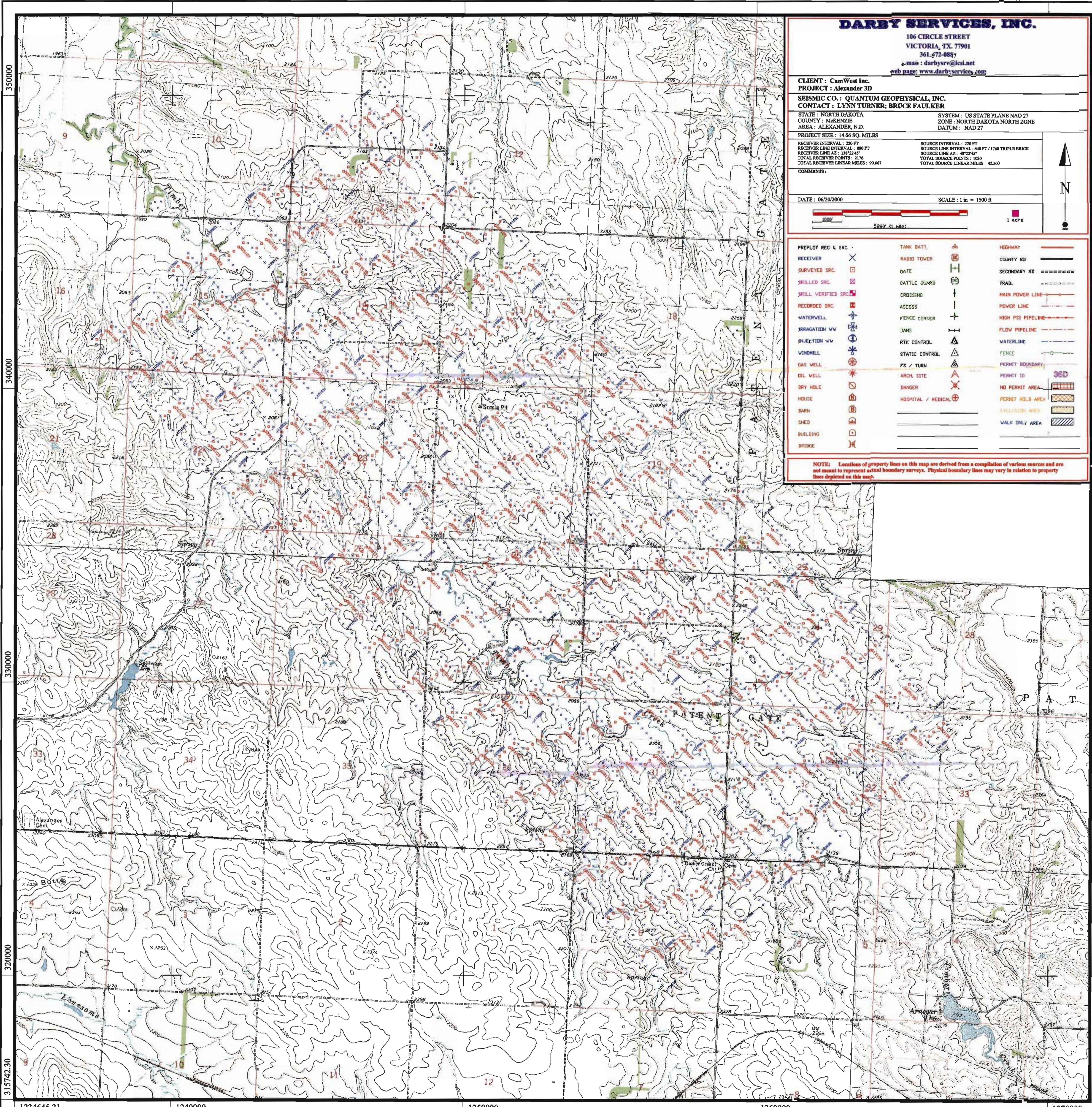
DATE : 06/20/2000

SCALE : 1 in = 1500 ft



PREPLOT REC & SRC	TANK BATT.	HIGHWAY
RECEIVER	RADIO TOWER	COUNTY RD
SURVEYED SRC	GATE	SECONDARY RD
DRILLED SRC	CATTLE GUARD	TRAIL
DRILL VERIFIED SRC	CROSSING	MAIN POWER LINE
RECORDED SRC	ACCESS	POWER LINE
WATERWELL	FENCE CORNER	HIGH PSI PIPELINE
IRRIGATION VV	DAMS	FLOW PIPELINE
INJECTION VV	RTK CONTROL	WATERLINE
WINDMILL	STATIC CONTROL	FENCE
GAS WELL	PS / TURN	PERMIT BOUNDARY
OIL WELL	ARCH SITE	PERMIT ID
DRY HOLE	DANGER	NO PERMIT AREA
HOUSE	HOSPITAL / MEDICAL	PERMIT HOLD AREA
BARN		EXCLUSION AREA
SHED		WALK ONLY AREA
BUILDING		
BRIDGE		

NOTE: Locations of property lines on this map are derived from a compilation of various sources and are not meant to represent actual boundary surveys. Physical boundary lines may vary in relation to property lines depicted on this map.





PERMIT NO.: 97-0048	
SHOT HOLE OPERATIONS: Yes	*NON-EXPLOSIVE OPERATIONS.

SECTION 1

GEOPHYSICAL CONTRACTOR: Quantum Geophysical, Inc.	
PROJECT NAME AND NUMBER: Alexander	COUNTY(S): McKenzie
TOWNSHIP(S): 151 North	RANGE(S): 100, 101 West
PERMITTED BY: R.K. Pinson & Associates / Permits Plus	
DATE COMMENCED: 10-06-2000	DATE COMPLETED: 10-23-2000

SECTION 2

FIRST S.P. #:					LAST S.P. #:				
LOADED HOLES (UNDETONATED SHOT POINTS)									
S.P. #'s:	551123		573151		525152				
CHARGE SIZE::	5#		5#		5#				
DEPTH:	40'		40'		40'				
REASONS HOLES WERE NOT SHOT: Bad Caps									

SECTION 3

FLOWING HOLES S.P.#'s	None
PROCEDURE FOR PLUGGING FLOWING HOLES:	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.

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF ~~NORTH DAKOTA~~ TEXAS)

)

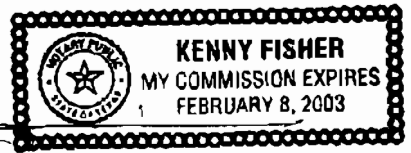
COUNTY OF HARRIS)

Before me, Kenny Fisher, a Notary Public in and for the said County and State, this day personally appeared Bruce Fulker who being first duly sworn, deposes and says that (s)he is employed by Quantum Geophysical, 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.

B. Fulker
Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 12th day of March, 2001.

Notary Public Kenny Fisher



My Commission Expires FEB. 8th 2003

AFFIDAVIT OF PLUGGING (HOLE PLUGGER)

Montana
STATE OF ~~NORTH DAKOTA~~)
)
COUNTY OF Richland)



Before me, Douglas A Lang, a Notary Public in and for the said County and State, this day personally appeared Terry Williams who being first duly sworn, deposes and says that (s)he is employed by Wilderness Exploration, Inc., that (s)he has read North Dakota Century Code Section 38-08.1 and that the foregoing seismic project has been plugged in accordance with North Dakota Administrative Code Rule 43-02-12 and that the statements on the attached documents are true.

Terry Williams
Hole Plugger Representative

Subscribed in my presence and sworn before me this 13th day of October, 2000.

Notary Public Douglas A Lang

My Commission Expires 4-19-2003

AFFIDAVIT OF PLUGGING (HOLE PLUGGER)

STATE OF NORTH DAKOTA)

COUNTY OF Dawson)

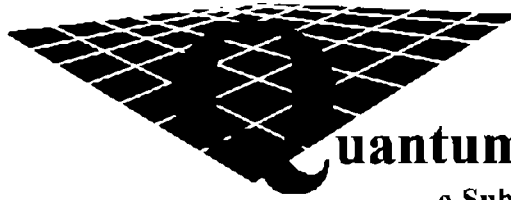
Before me, Darci Saeman, a Notary Public in and for the said County and State, this day personally appeared Garin Hugg who being first duly sworn, deposes and says that (s)he is employed by Cadellie Ashley, that (s)he has read North Dakota Century Code Section 38-08.1 and that the foregoing seismic project has been plugged in accordance with North Dakota Administrative Code Rule 43-02-12 and that the statements on the attached documents are true.

Cadellie Ashley Jazuo
Hole Plugger Representative Gregis

Subscribed in my presence and sworn before me this 14 day of November, 2000.

Notary Public Darci Saeman

My Commission Expires 05/13/02



Quantum Geophysical, Inc.

a Subsidiary of Geokinetics Inc.

July 3, 2000



North Dakota Industrial Commission
Oil & Gas Division
600 East Boulevard
Bismarck, ND 58505

Attn: Mr. Dave Hvinden

Re: Geophysical Permit # 97-0048
Alexander Prospect
McKenzie County

Dear Mr. Hvinden;

Enclosed please find a revised pre-plot map for the above referenced prospect. The survey size has changed from 7.83 to 14.06 square miles. All other parameters remain the same.

If you have any questions or need additional information please call me at (713) 850-9799. Thank you.

Yours truly,

Bruce Fulker
Permit/HSE Manager

Enclosure



GEOPHYSICAL EXPLORATION PERMIT
 INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 SFN 51455 (11-97)

600 E BOULEVARD AVE
 BISMARCK, ND 58505

1) a. Company: Quantum Geophysical, Inc.		Address: 8401 Westheimer, Suite 150, Houston, Texas 77063	
Contact: Bruce Fulker		Telephone: 713-850-9799	Fax: 713-850-7783
Surety Company: Bank of North Dakota		Bond Amount: \$50,000.00	Bond Number: GEO300
2) a. Subcontractor(s): Wilderness Exploration		Address: Box 91 Sidney, MT 59270	
b. Subcontractor(s):		Address:	
c. Subcontractor(s):		Address:	
3) Party Manager: Billy Flippo		Address: Same As Above 8401 Westheimer, Suite 150, Houston	
4) Project Name or Line Numbers: Alexander 3D		Telephone: 406-482-1219	
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D): 3D Shot Hole			
6) Approximate Drilling Start Date: May 1, 2000		Approximate Completion Date: May 15, 2000	



THE COMMISSION MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF COMMENCEMENT OF DRILL/PLUG OPERATIONS

7) Location of Proposed Project - County McKenzie					
Section(s), Township(s) & Range(s)		Sec. 11,13,14,15	T 151N	R 101West	
		Sec. 22,23,24,25,26	T 151N	R 101West	
		Sec. 36	T 151N	R 101West	
		Sec. 18,19,20,30,31	T 151N	R 100West	
8) Size of Hole	Amt. of Charge	Depth	Shots per Mi.(sq.mi.)	No. of Mi. (sq. mi.)	Identifying Marks Used on Nonmetallic Plug
3"	5"	40'	73	7.83	Geophysical ID a. Plugger ID b. Plugger ID c. Plugger ID
					QG

9) Anticipated special drilling and plugging procedures? **No, Century Code Chapter 38-08-1**
All holes will be drilled and plugged as per 43-02-12-10 Revised Drilling & Plugging Req.

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

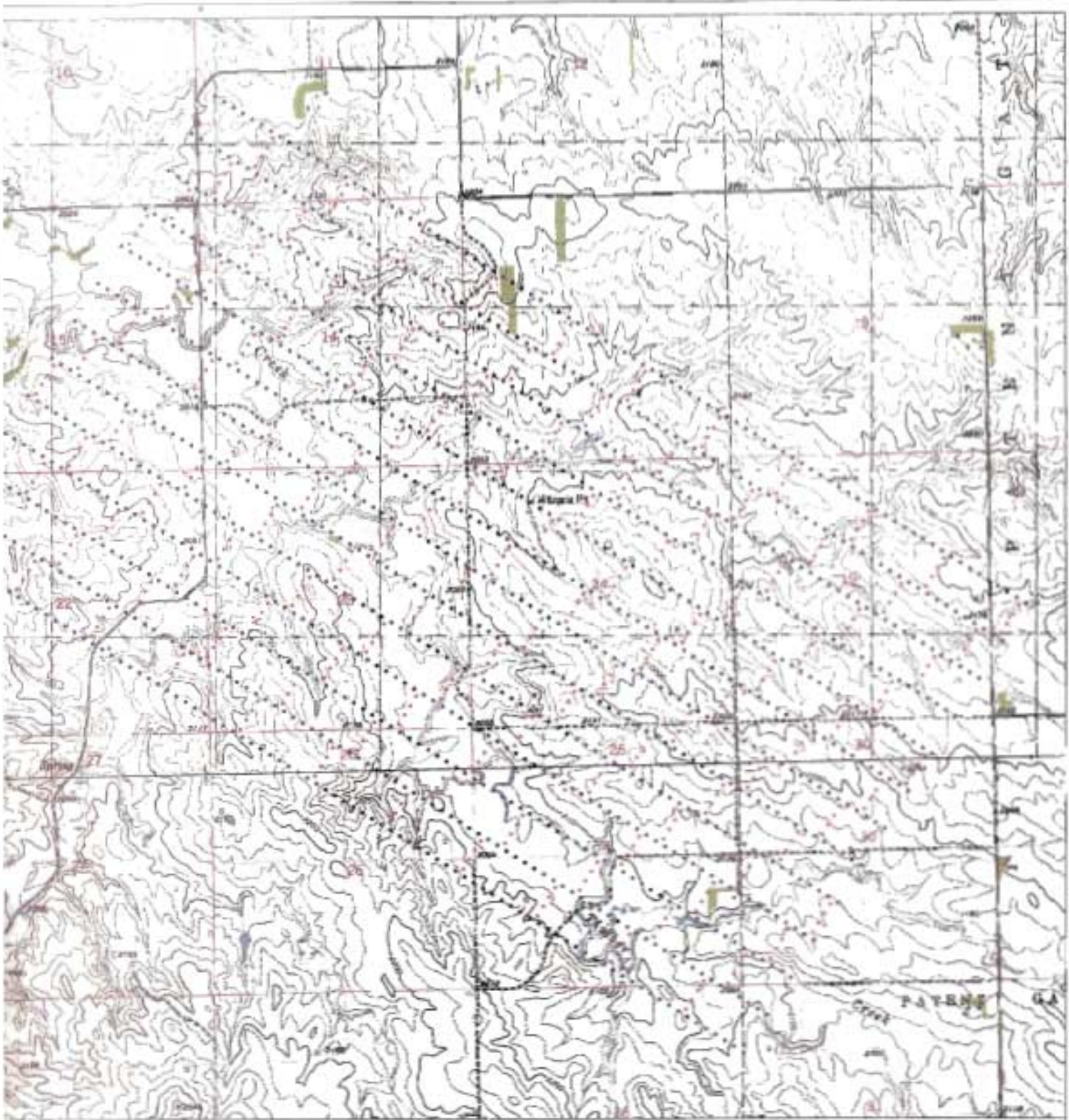
Signed: <i>B. G. [Signature]</i>	Title: Permit Supervisor	Date: 4-20-00
----------------------------------	---------------------------------	----------------------

(This space for State office use)

Permit No.: 97-0048	Approval Date: 5/4/00
Approved By: <i>[Signature]</i>	
Title: <i>Geophysical Regulatory Supervisor</i>	
County Approval Sent: <i>McKenzie 5/4/00</i>	

Conditions of Approval if any:
Identify surface plugs w/ #48 and contractor stamp, notify surface owner, county, city, & state rep. Kim Martin 701-227-7436 prior to drilling. All variances must be furnished upon request. 5/4/00

*See Instructions On Reverse Side



WATSON LLC

in Geophysical, Inc.
 Division of Southern Co.



ALABAMA 2-D PROJECT		North American Datum 83
Macon Co., GA		North Zone
Location		North Zone
Approx. 06, 11 N		
SOURCE POINT INTERVAL: 50'	SECTION POINT INTERVAL: 50'	TOTAL SOURCE PTS: 44
SECTION POINT INTERVAL: 50'		TOTAL SECTION PTS: 144
		NET SOURCE WALK: 11.72 MI.
		SECTION LINE INTERVAL: 100' & 400'
		SECTION LINE INTERVAL: 500'
SHEET 1 OF 1	SCALE: GRAPHIC	SECTION LINE ADJUST: 830 BY 20'
APRIL 26, 2009	7" = 1000'	SECTION LINE ADJUST: 100 BY 10'
PREPARED BY: WATSON LLC SURVEYED BY: WATSON LLC CHECKED BY: WATSON LLC DATE: APRIL 26, 2009		
LEGEND		
<ul style="list-style-type: none"> — 100' — 200' — 300' — 400' — 500' — 600' — 700' — 800' — 900' — 1000' 	<ul style="list-style-type: none"> — 100' — 200' — 300' — 400' — 500' — 600' — 700' — 800' — 900' — 1000' 	<ul style="list-style-type: none"> — 100' — 200' — 300' — 400' — 500' — 600' — 700' — 800' — 900' — 1000'
<ul style="list-style-type: none"> — 100' — 200' — 300' — 400' — 500' — 600' — 700' — 800' — 900' — 1000' 	<ul style="list-style-type: none"> — 100' — 200' — 300' — 400' — 500' — 600' — 700' — 800' — 900' — 1000' 	<ul style="list-style-type: none"> — 100' — 200' — 300' — 400' — 500' — 600' — 700' — 800' — 900' — 1000'

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

<http://explorer.ndic.state.nd.us>

Bruce E. Hicks
ASSISTANT DIRECTOR

The Honorable Frances M. Olson
McKenzie County Auditor
P.O. Box 543
Watford City, ND 58854

May 4, 2000

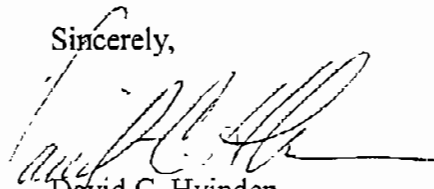
RE: Geophysical Exploration
Permit # 97-0048

Dear Ms. Olson:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Quantum Geophysical, Inc. was issued the above captioned permit on May 4, 2000 and will remain in effect for a period of one year.

Should you have any questions, please contact our office.

Sincerely,



David C. Hvinden
Geophysical Regulation Supervisor

DCH/dh

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Lynn D. Helms
DIRECTOR

<http://explorer.ndic.state.nd.us>

Bruce E. Hicks
ASSISTANT DIRECTOR

May 4, 2000

Bruce Fulker
Quantum Geophysical Inc.
8401 Westheimer, Ste. 150
Houston, TX 77063

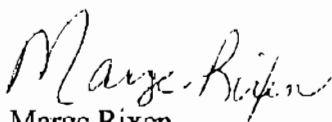
**RE: GEOPHYSICAL EXPLORATION PERMIT NO. 97-0048
ALEXANDER 3D**

Dear Mr. Fulker:

This letter will verify the approval of the above-captioned Geophysical Permit effective May 4, 2000.

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

Sincerely,



Margc Rixcn
Legal Assistant

/mr