

#### SEISMIC COMPLETION REPORT INDUSTRIAL COMMISSION OF NORTH DAKOTA OH AND GAS DIVISION 600 EAST BOULEVARD DEPT 405 BISMARCK, ND 58505-0840

SFN 51456 (03-2005)

Permit No.		18.211 B
970129		
Shot Hole Operations	*Non-Explosive Operations	
yes		
SECTION 1		

AUG\_COB

## SECTION 1

Geophysical	Contractor
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Conquest Seismic Services	
Project Name and Number	County(s)
-	McKenzie and Golden Valley
Township(s)	Range(s)
T.144n, T.145, T146n	R.103w, R.104w,
Drilling and Plugging Contractors	
ECS	
	Date Completed
August 1, 2008	August 23, 2008

#### SECTION 2

884/122							628/331					
Indetonated S	hot Points)											
/317. 580/3	29. 628/32	28, 636/32	8 charge	size and d	depth is ti	ne same a	is below.					
								636/309				
5	5	5	5	5	5	5	5	5				
40	40	40	40	40	40	40	40	40				
Were Not Sho	t											
not blow- i	Dead cap	s.										
	/317, 580/3 844/134 5 40 Were Not Sho	844/134   844/165     5   5     40   40     Were Not Shot   40	/317, 580/329, 628/328, 636/32 844/134 844/165 772/205 5 5 5 40 40 40 40	/317, 580/329, 628/328, 636/328 charge   844/134 844/165 772/205 660-291   5 5 5 5   40 40 40 40   Were Not Shot	Indetonated Shot Points)     /317, 580/329, 628/328, 636/328 charge size and e     844/134   844/165   772/205   660-291   668/290     5   5   5   5   5     40   40   40   40   40	Indetonated Shot Points)   /317, 580/329, 628/328, 636/328 charge size and depth is th   844/134 844/165 772/205 660-291 668/290 708/292   5 5 5 5 5 5   40 40 40 40 40 40   Were Not Shot	Indetonated Shot Points)   /317, 580/329, 628/328, 636/328 charge size and depth is the same a   844/134 844/165 772/205 660-291 668/290 708/292 692/296   5 5 5 5 5 5 5   40 40 40 40 40 40 40	Indetonated Shot Points)   /317, 580/329, 628/328, 636/328 charge size and depth is the same as below.   844/134 844/165 772/205 660-291 668/290 708/292 692/296 684/302   5 5 5 5 5 5 5 5   40 40 40 40 40 40 40 40   Were Not Shot	Indetonated Shot Points)   /317, 580/329, 628/328, 636/328 charge size and depth is the same as below.   844/134 844/165 772/205 660-291 668/290 708/292 692/296 684/302 636/309   5 5 5 5 5 5 5 5   40 40 40 40 40 40 40 40   Were Not Shot	Indetonated Shot Points)   /317, 580/329, 628/328, 636/328 charge size and depth is the same as below.   844/134 844/165 772/205 660-291 668/290 708/292 692/296 684/302 636/309   5 5 5 5 5 5 5 5   40 40 40 40 40 40 40 40   Were Not Shot		

#### **SECTION 3**

Flowing Holes and/or Blowouts S.P.#'s 900/120, 796/177, 828/197, 780/207, 652/279

Procedure for Plugging Flowing Holes and/or Blowouts

These were small blowouts, dirt was used, cap was found and put back down and the filled in and above hole.

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.

Industrial Commission of North Dakota SFN 51456 (03-2005) Page 2	970129	AUG 2008						
AFFIDAVIT OF COMPLETION (GEOPH)		ACTOR)						
AFFIDAVIT OF COMPLETION (GEOFIT								
STATE OF North Dakata,								
COUNTY OF Stark )								
Before me, Pan Heiser	, a Notary P	Public in and for the said						
County and State, this day personally appeared $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	in Vanl	Abbett						
who being first duly swom, deposes and says that (s)he is emplo	yed by	cryuest						
	, 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 t	he statements on						
the reverse side of this document are true.								
Geophysical	Contractor Repres	sentative						
Subscribed in my presence and sworn before me this $\frac{28}{28}$	th day of the	1945-, 2008.						
PAM HEISER LIOTARY PUBLIC, STATE OF NORTH OAKOTA MY COMMISSION EXPIRES JUNE 15, 2011 Notary Public	- Pam	leiser						
My Commission Expires June 15, 2011	-							

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Savant Resources LLC 730 Seventeenth Street Suite 410 Denver, CO 80202-3510 Phone: 303-592-1905 Fax' 303-592-1909



# SAVANT

May 28, 2008

North Dakota Industrial Commission Oil & Gas Division 600 East Boulevard, Dept. 405 Bismarck, ND 58505-0840 Mr. Todd Holweger Attn: Mineral Resources Permit Manager

Re: Notice to Surface Owners North Dakota Century Code Section 38-08.1-04.1 and Chapter 38-11.1 **Bicentennial 3-D Seismic Survey** McKenzie and Golden Valley Counties, North Dakota

Dear Mr. Holweger:

As you may know, Savant has recently begun work on the Bicentennial 3-D Seismic Survey. During our pre-work meeting last week in the Watford City Forest Service office, Tom Torstenson mentioned that he had not found any evidence in your files that the written copies of the above mentioned portions of the North Dakota Century Code had been provided by Savant to the surface owners in the area pursuant to the terms of our NDIC geophysical permit #970129.

This is to confirm that, in November, 2007, Savant sent certified letters to all of the surface owners within the Bicentennial 3-D Seismic Survey area, as well as to surface owners with lands within a half mile of the project outline. Each letter included a copy of the above referenced North Dakota Century Code sections. A copy of one of the letters sent is attached to this letter as a sample of what was sent to each surface owner.

In the event that you require a recordable affidavit, or other evidence of Savant's compliance with the terms of the NDIC's geophysical permit #970129, with respect to notice to surface owners, please let me know. Please feel free to call me at 303-592-1905, x 105 if you have questions, or if I can be of assistance to you in any way.

Sincerely,

Deidre O'Callachan Deidre O'Callaghan

Senior Landman

Enclosure





April 21<sup>st</sup>, 2008

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

Attention: Mr. Todd Holweger

Dear Sir:

Re: Bicentennial 3D Seismic Program

Please find enclosed Sundry Notice for seismic program (Permit # 970129) requesting an addition 1 year permit.

Please call if you require further information.

Yours truly,

Simon Stockwell Operations Manager Polaris Explorer USA Inc.

Included: Sundry Notice submission Check Payable to North Dakota industrial Commission

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970129



SUNDRY NOTICE INDUSTRIAL COMMISSION OF NORTH DAKOTA OIL AND GAS DIVISION 600 EAST BOULEVARD DEPT 405 BISMARCK, ND 58505-0840 SFN 51458 (03-2003)



970129

#### Project Name

### **Bicentennial 3D**

County

#### McKenzie County & Golden Valley County

Supplemental Information

Polaris Explorer request an extension for the Bicentennial seismic project for 1 additional year. Original project schedule has been delayed because of permitting difficulties. Project details and description remain the same as that proposal submitted previously on March 23rd, 2007.

Please note the following revisions to project schedule:

Approximate Drilling Start Date: May 15th, 2008

Approximate Completion Date: August 1st, 2008

Also, please be advised of change of address for Polaris Explorer noted below.

Company					
Polaris Explorer USA Inc					
Address					
10288 West Chatfield Ave, Suite 302,					
City		State	Zip Code		
Littleton		со	80127		
Ву	Date				
Simon Stockwell	April 2	il 21, 2008			
Title	Telephone Number				
Operations Mgr	(303) 9	904-6760			

#### FOR OFFICE USE ONLY

Date Received
4/25 12008
By CALL ICAO
Title
Mineral Resources Permit Manag



#### GEOPHYSICAL EXPLORATION PERMIT INDUSTRIAL COMMISSION OF NORTH DAKOTA

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Polaris Explorer USA, Inc. 10390 Bra					rd Roa	d, Suite	215 Little	ton, CC	<b>) 80136</b>	E DIVISIONS	, P
Contact	·		Telep					Fax		1533	-
Steve Solokia	5		303	904-6760				303 904-6760			
Surety Company			Bond	Amount			_	Bond Nu	Imber		
U.S. Specialty Insurance Company			,	\$50,000					31		
2) a. Subcontract	or(s)		Addre	Address					ne		
TBD											
b. Subcontract	tor(s)		Addre	99				Telephone			
c. Subcontract	tor(s)		Addre	\$\$\$				Telepho	ne		
3) Party Manager			Addre					Telepho	ne		
Marshall McI	Lean		1039	0 Bradfo	rd Roa	d. Suite	215	303 904-6760			
4) Project Name of						_,					
Bicentennial	3-D										
5) Exploration Me	thod (Shot Hole, N	on-Explos	sive, 2D, 3D)								
Shot Hole 3-D	)										
6) Approximate D	rilling Start Date					Approxim	ate Completior	1 Date			
June 15, 2007	7					August	15, 2007				
THE COM	MISSION MUST B		IED AT LE	AST 24 HO	URS IN	ADVANCE	OF COMME	NCEMEN	NT OF DRILL/	PLUG OPERATION	3
7) Location of Pro	posed Project - Co	unty									
McKenzie Co	unty & Golden	Vailey	County						_		
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8) Size of Hole	Arnt of Charge	Depth	Shots per	No. of Mi.		L	<u>identifying N</u>	larks Use	d on Nonmetal	llic Plug	
			Mi (sq.mi.)	(sq.mi.)	Geop	hysical ID	a. Plugg	er ID	b. Plugger	r ID c Plugger	ID
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Standard drill	ling and plugg	ing as I	required b	v N.D. Oi	l & Gas	s Commi	ssion.				
	plot map with prop										
Location of p	owder mag. to	be det	ermined.								
Signed)EFFL		. 1	Title					Date			
	$\sim$	RIN	Perm	nit Agent				March	16, 2007		
	(This sp	ce for S	tate office u		_				ditions of Appro	wal if any	
Permit No. <u>9</u> 7612 Approved by		10.	Appro	val Date <u>3 / 23 /</u>	200	7	See	Atta	died	letter_	
Title (	Binaral Bi	xwa		lananer							
	Mineral R			uanañai							
County Approval S Me	Kenze/	GNIS	en Ilal	lan							

See Instructions On Reverse Side

## **Bicentennial 3-D**

Project Location

## McKenzie County & Golden Valley County, North Dakota

T.144n. R.103w: Sec. 6, 7, 8, 17 & 18.

T.144n. R.104w: Sec. 1, 2, 3, 4, 9, 10, 11, 12, 13, 14 & 15.

T.145n. R.103w: Sec. 5, 6, 7, 8, 16, 17, 18, 19, 20, 21, 22, 27, 28, 29, 30, 31, 32, 33 & 34.

T.145n. R.104w: Sec. 1, 12, 13, 24, 25 & 36.

T.146n. R.103w: Sec. 31.

T.146n. R.104w: Sec. 36.

Industrial Commission of North Dakota Oil & Gas Division 600 east Boulevard, Dept 405 Bismarck, ND 58505-0840



Re: Polaris Explorer USA / Bicentennial 3-D

Dear Sirs:

Enclosed is a permit application and supporting materials for the Bicentennial 3-D geophysical project which Polaris is planning on behalf of their client Savant Resources.

Please feel free to call me with any questions or comments.

Regards. 'und Seismic Permit Agent

Seismic Permit Agen 612 501-2164

Please send copies of permit to;

Jeff Lund 2202 23<sup>rd</sup> Avenue South Minneapolis, MN 55404

Polaris Explorer USA 10390 Bradford Road, Suite 215 Littleton, CO 80136



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

March 23, 2007

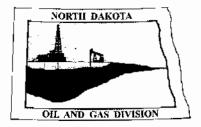
Mr. Jeff Lund Permit Agent Polaris Explorer USA 2202 23rd Ave South Minneapolis, MN 55404

RE: Geophysical Exploration Permit # 97-0129 Bicentennial 3-D McKenzie and Golden Valley Counties, North Dakota

Dear Mr. Lund;

Please be advised that we are in receipt of your Geophysical Exploration permit and have conditionally approved your permit effective for one year from March 23, 2007. Please review the following conditions for your permit:

- 1. A pre-program meeting with state seismic inspector Tom Torstenson may be required. You must contact him at 701-290-1546 (cell) or 701-227-7436 at least 24 hours prior to any exploration operations.
- 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 post plot map must show all water wells, buildings, underground eisterns, pipelines, and flowing springs that fall within the program area and within one half mile of the perimeter of the program.
- 4. If available, a SEG P1 with all source and receiver points should be made available to the Oil and Gas Division upon filing of the seismic completion report within 30 days of the completion of the program.
- 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 eopy of section 38-08.1-04.1 and chapter 38-11.1. 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.



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

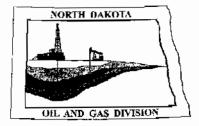
6. The permit agent shall notify the operator of the land at least seven days before commencement of any geophysical exploration activity, unless waived by mutual agreement of both parties. The notice must include the approximate time schedule and the location of the planned activity.

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 Mineral Resources Perinit Manager

CC: Polaris Explorer USA 10390 Bradford Road, Suite 215 Littleton, CO 80136



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

March 23, 2007

The Honorable Cecilia Stedman Golden Valley County Auditor P.O. Box 67 Beach, ND 58621-0067

### RE: Geophysical Exploration Permit #97-0129

Dear Ms. Stedman:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Polaris Explorer USA was issued the above captioned permit on March 23, 2007 and will remain in effect for a period of one year.

Should you have any questions, please contact our office.

Sincerely,

Todd L. Holweger DMR Permit manager



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

March 23, 2007

The Honorable Frances Olson McKenzie County Auditor P.O. Box 543 Watford City, ND 58854-0543

## RE: Geophysical Exploration Permit #97-0129

Dear Frances Olson:

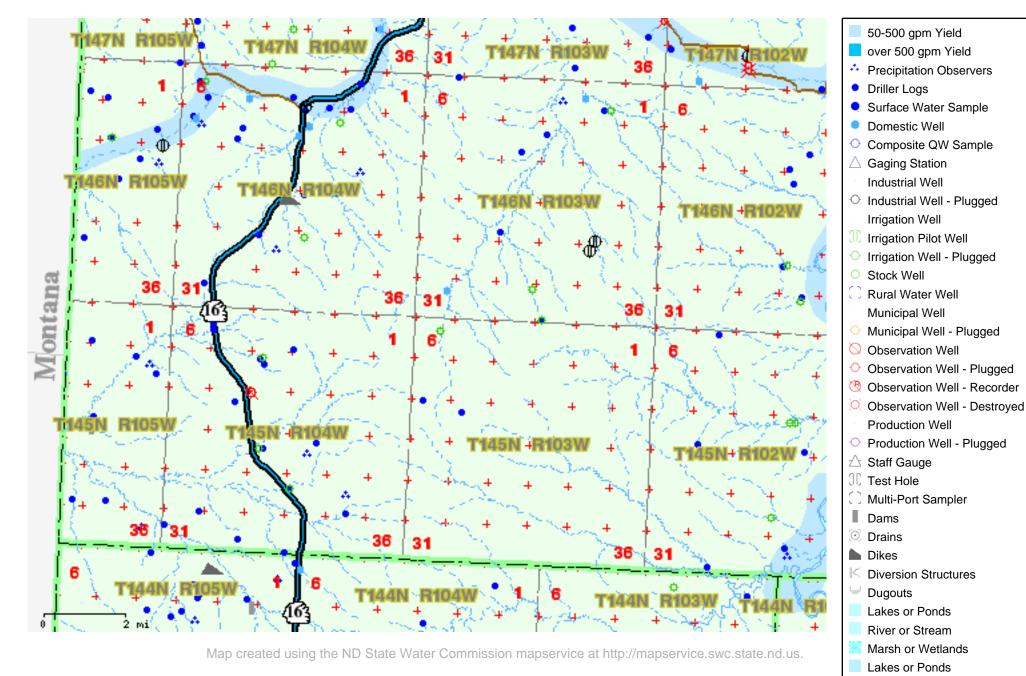
Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Polaris Explorer USA was issued the above captioned permit on March 23, 2007 and will remain in effect for a period of one year.

Should you have any questions, please contact onr office.

Sincerely,

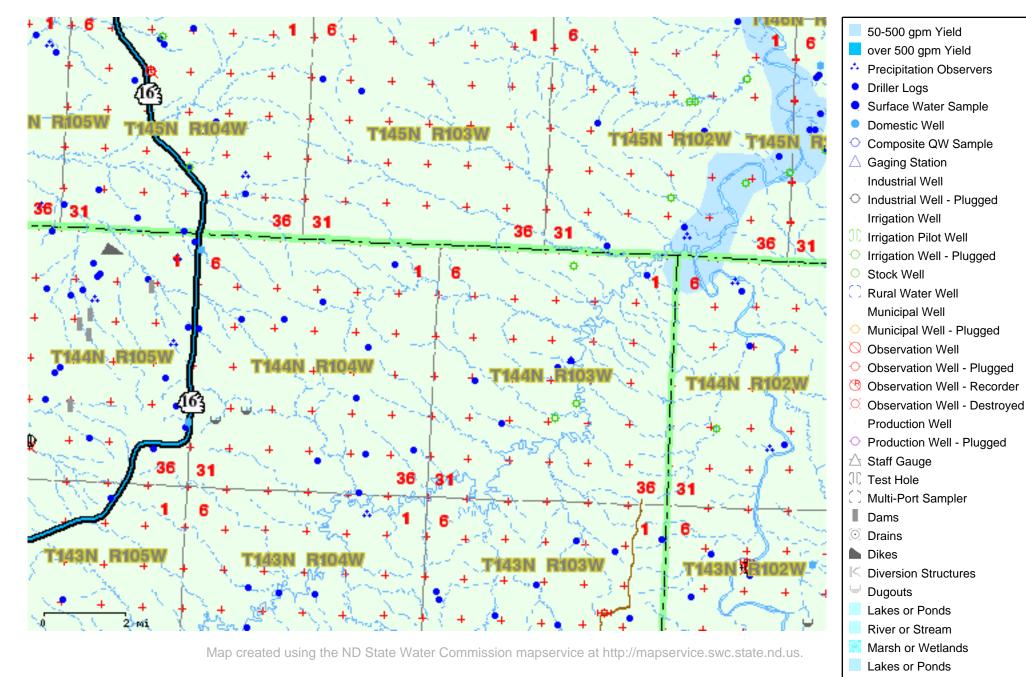
Todd L. Holweger DMR Permit manager

# STATE WATER COMMISSION WELLS



Marsh or Wetlands

# STATE WATER COMMISSION WELLS



Marsh or Wetlands