

SEISMIC COMPLETION REPORT

INDUSTRIAL COMMISSION OF NORTH DAKOTA OIL AND GAS DIVISION 600 EAST BOULEVARD DEPT 405 BISMARCK, ND 58505-0840 SFN 51456 (03-2005)

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770168			!*Non-Expl	osive Operations			<u> Andrian</u>								
that Hale Operations			Vibrosels												
f			j E 15-1												
SECTION 1															
Seophysical Confractor															
CGGVeritas															
Project Name and Number			County(s)												
Blooming Praire 3D 58582				Divide											
ownship(s)			Range(s)												
161 N - 164 N			96 W - 1	100 W											
Iritling and Plugging Contractors															
Date Commenced			Date Com	pleted	······································										
November 7, 2009			Februa	ry 19, 2009		****	*****								
SECTION 2															
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oaded Holes (Undetonated Shot Points)		1		······································		···								
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Charge Size															
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Reasons Holes Were Not Shot															
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SECTION 3															
lowing Holes and/or Blowouts															
5.P#s															
Procedure for Plugging Flowing Holes ar	td/or Blowouls														
4							····	*							
nclude a 7.5 minute USGS topographic ndividual shot hole. SP #, line #, and leg	quadrangle map : pai location,	or a computer go	enerated post-pio	rt facsimile of the ap	proximate scale (tisplaying e	ach								

^{*}Non-Explosive Operations - Complete Section 1 and Affidavit.

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CON	ITRACTOR)
STATE OF North Dakota	576 20 3
COUNTY OF Divide	
Before me,, a Not	ary Public in and for the said
County and State, this day personally appeared David	James Newman
who being first duly sworn, deposes and says that (s)he is employed by	CGGVeritas
, that (s)h	e has read North Dakota
Century Code Section 38-08.1, that the foregoing seismic project has b	een completed in
accordance with North Dakota Administrative Code Rule 43-02-12 and the	hat the statements on
the reverse side of this document are true.	
Dut When	Alexander and the second secon
Geophysical Contractor R	epresentative
Subscribed in my presence and sworn before me this day of	Feb 2009.
JAMIE LEE Notary Public State of North Dakota My Connolission Expires August 31, 2012 Notary Public	226
My Commission Expires Que 31 2012	

#1970168



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

Attn: Todd Holweger

Re. Blooming Prairie 3-D Project



This letter is to confirm that the landowners 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 beginning of the permitting process. In addition, all landowners are contacted personally and know the on site permit agents telephone number in the event there is a need to communicate while the crew is working.

Attached is a list of all landowners contacted regarding this project. Please let me know if you need anything else related to this project.

est/Regards

Jeff Lund

Seismic Permit Agent

612 501-2164



GEOPHYSICAL EXPLORATION PERMIT

INDUSTRIAL COMMISSION OF NORTH DAKOTA OIL AND GAS DIVISION 600 EAST BOULEVARD DEPT 405 BISMARCK, NO 58505-0840 SFN 51459 (02-2008)

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1) a. Company			res\$			`	CINE STATE						
CGG Veritas Land	<u> </u>	 		Park Drive	, Houston, TX 7	/0/2							
Centact		Tele	phone			Fax							
Dennis Ramler		303	825-7400	<u> </u>		303 825-2233							
Surety Company		Ban	d Amount			Band Number							
U.S. Specialty Ins	urance				\$50,000	B000724							
2) a. Subcontractor(s)	· · · · · · · · · · · · · · · · · · ·	Add	19 85			Telephone							
b Subcontractor(s)		Add	ress			Telephone							
BOOK 000													
c Subcontractor(s)	~~ <u>~~~</u>	Add	ress	***************************************		Telephone							
3) Party Manager		Add	ress (local)		***************************************	Telephone (local)							
Dave Newman		TB	D			303 886-5164							
4) Project Name or Line	Numbers												
Blooming Prairie	3-D												
5) Exploration Method (5		losive, 20, 3D,	Other)										
Vibrosels													
5) Approximate Start Ca	te		······································	TA:	proximale Completion	Date							
October 15, 2008				J	anuary 15,2009								
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7) Location of Proposed													
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& Range(s))												
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1-D	All Of Shar	ie l	Debn:	\$0000CC	120	330	Must supply latitudes and lengitudes of post-plot						
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10) Anticipated special of	gaigguid bas gaillis	procedures?											
NA					·								
11) Enclose a pre-plot m	ep with proposed ii	ocetion of seisti	io bustism in	ies and powde	ir mag								
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Signed	M-1	Tille				Date							
└ / <i>-/-/</i> //	<u>/</u>		rmit Agen	<u>t </u>		September 1							
Permit No	(inis space)	or State office	roval Date ,	······································		Condensits of	Approval if any						
Permit No. 9	70168		/	0/14/20	08								
Approved by	Sind	Ctole	4	7		See AH	ached lettel						
Title													
Carrie Annous Sant		1) Minoral 5	GBOUICES	Pemit Ma	nager								
County Approval Sent	DIVI	X			**************************************								
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Blooming Prairie 3-D

T.161n. R.96w: Sec. 1 through 6.

T.161n. R.97w: Sec. 1 through 6.

T.161n. R.98w: Sec. 1 through 6.

T.161n. R.99w: Sec. 1 through 4,

T.162n. R.95w: Sec. 2-11, 14-23 & 26-35.

T.162n. R.96w: Sec. 1 through 36.

T.162n. R.97w; Sec. 1 through 36.

T.162n. R.98w: Sec. 1 through 36.

T.162n, R.99w: Sec. 1 through 36.

T.162n. R.100w: Sec. 1, 12, 13, 24, 25 & 36.

T.163n. R.97w: Sec. 6, 7, 18, 19, 30 & 31.

T.163n. R.98w: Sec. 1 through 36.

T.163n, R.99w: Sec. 1 through 36.

T.163n. R.100w: Sec. 36.

T.164n. R.97w: Sec. 30 & 31.

T.164n. R.98w: Sec. 25 through 36.

T.164n. R.99w: Sec. 25 through 36.



Oil and Gas Division

Lynn D. Helms - Director

Bruce B. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.dmr.nd.gov/oilgas

October 14, 2008

Mr. Dennis Remler CGGVeritas Land (U.S.) Inc. 10300 Town Park Drive Houston, TX 77072

RE:

Blooming Prairie 3-D

Geophysical Exploration Permit #97-0168

Divide County

Dear Mr. Remler:

Please be advised that we are in receipt of your Geophysical Exploration permit and it is conditionally approved; effective for one year from October 14, 2008. Review the following conditions for your permit:

- 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 following information must be submitted within 30 days of the completion of the project by the Goophysical 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 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.dor.nd.gov/oilgas/scismic/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,

Mineral Resources Permit Manager



Oil and Gas Division

Lynn D. Helms - Director

Bruce F., Hicks - Assistant Director

Department of Mineral Resources

Lynn D, Helms - Director

North Dakota Industrial Commission

www.dmr.nd.gov/oilgas

October 14, 2008

The Honorable Gayle Jastrzebski Divide County Auditor P.O. Box 49 Crosby, ND 58730-0049

RE: Geophysical Exploration

Permit #97-0168

Dear Ms. Jastrzebski:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that CGGVertas Land (U.S.) Inc. was issued the above captioned permit on October 14, 2008 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

DMR Permit manager

Blooming Praire 3D

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Blooming Prairie 3D 296 Square Miles Legend Samson Resources PrePlot Receivers Option-5 20 X 114 Rcv-1100/220 Src-660/220 (Orthogonal Source Lines) PrePlot Sources "NAD_1927_StatePlane_North_Dakota_North_FIPS_3301_Feet" 60,000 Feet 30,000 45,000 15,000

1:50,000

CGGVERITAS



