

970176



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)

Permit No. 97-0176	
Shot Hole Operations Yes	*Non-Explosive Operations Yes

SECTION 1

Geophysical Contractor Dawson Geophysical Company L.L.C	
Project Name and Number Nesson PHII 3D	County(s) Burke and Mountrail
Township(s) 158, 159	Range(s) 94
Drilling and Plugging Contractors Erickson Contract Surveying	
Date Commenced November 10, 2009	Date Completed November 26, 2009

SECTION 2

First S.P. # 5226/1166	Last S.P. # 5258/1168												
Loaded Holes (Undetonated Shot Points) 76 Please see attached drill log													
S.P.#s													
Charge Size													
Depth													
Reasons Holes Were Not Shot													

SECTION 3

Flowing Holes and/or Blowouts S.P.#s Four minor blowouts, which did not blow the plug out. No flowing holes.
Procedure for Plugging Flowing Holes and/or Blowouts Cuttings were used for Blowouts.
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.

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF North Dakota)

COUNTY OF Montrail Burleigh)

Before me, _____, a Notary Public in and for the said

County and State, this day personally appeared _____

who being first duly sworn, deposes and says that (s)he is employed by Dawson Geophysical

Company L.L.C., that (s)he has read North Dakota

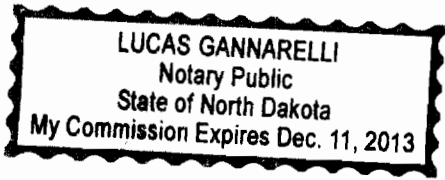
Century Code Section 38-08.1, that the foregoing seismic project has been completed in

accordance with North Dakota Administrative Code Rule 43-02-12 and that the statements on

the reverse side of this document are true.

[Signature] contract permit Agent
Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 11 day of January, 2010.



Notary Public [Signature]

My Commission Expires Dec. 11, 2013



GEOPHYSICAL EXPLORATION PERMIT

INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 600 EAST BOULEVARD DEPT 405
 BISMARCK, ND 58505-0840
 SFN 51459 (02-2008)

1) a. Company Dawson Geophysica Company		Address 6855 South Havana, Ste. 560, Centennial, CO 80112	
Contact Zane Zirschky	Telephone 432-413-3199	Fax	
Surety Company U.S. Specialty Insurance Company	Bond Amount 50,000	Bond Number B005272	
2) a. Subcontractor(s) Erickson Contract Surveying		Address Sydney, MT 59270	Telephone 406-482-6606
b. Subcontractor(s)		Address	Telephone
c. Subcontractor(s)		Address	Telephone
3) Party Manager Ron Sanberg		Address (local) 6855 South Havana, Ste. 560	Telephone (local) 432-684-3000
4) Project Name or Line Numbers Nesson 3D PHII			
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) 3D, Non-Explosive, Shot Hole			
6) Approximate Start Date November 2, 2009		Approximate Completion Date April 30, 2010	

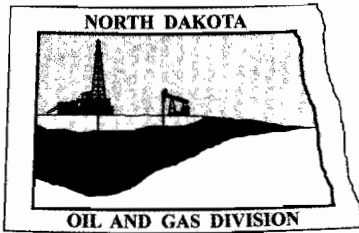
THE COMMISSION MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF COMMENCEMENT OF DRILL/PLUG OPERATIONS

7) Location of Proposed Project - County Mountrail and Burke					
Section(s), Township(s) & Range(s)	Section 1-24	T. 158	R. 94		
	Section 13-36	T. 159	R. 94		
	Section	T.	R.		
	Section	T.	R.		
8) Size of Hole 3-D 5 inch	Amt of Charge 2 1/2 lbs	Depth 40 feet	Source points per sq. mi. 116	No. of sq. mi. 31	9) Must supply latitudes and longitudes of post-plot source and receiver points on an SD card.
Size of Hole 2-D	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.	

10) Anticipated special drilling and plugging procedures?

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

Signed <i>[Signature]</i>	Title Contract Permit Agent	Date 11-2-2009
(This space for State office use)		
Permit No. 97-0176	Approval Date 11/3/09	Conditions of Approval if any See Attached Letter
Approved by <i>[Signature]</i>		
Title Mineral Resources Permit Manager		
County Approval Sent Burke & Mountrail		



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

November 3, 2009

Mr. Zane Zirschky
Dawson Geophysical Company
6855 South Havana
Ste. 560
Centennial, CO 80112

RE: Nesson PHII 3-D
 Geophysical Exploration Permit #97-0176
 Burke & Mountrail Counties

Dear Mr. Zirschky:

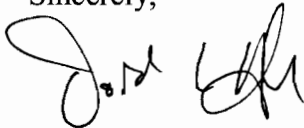
Please be advised that we are in receipt of your Geophysical Exploration permit application and it is conditionally approved; effective for one year from November 3, 2009. Review the following conditions for your permit:

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 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

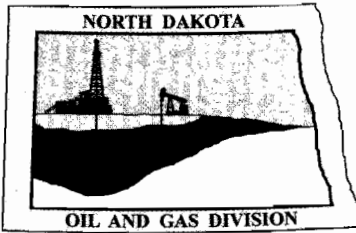
5. It is required that within seven days of initial contact between the permitting agent and the operator of the land, the permitting agent shall provide the operator of the land and each landowner owning land within one-half mile of the land on which geophysical exploration activities are to be conducted 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
Mineral Resources Permit Manager



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

November 3, 2009

The Honorable Joan Hollekim
Mountrail County Auditor
P.O. Box 69
Stanley, ND 58784

RE: Geophysical Exploration
 Permit #97-0176

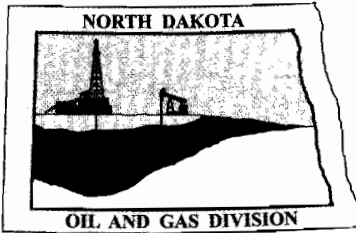
Dear Ms. Hollekim:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Dawson Geophysical Company was issued the above captioned permit on November 3, 2009 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



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

November 3, 2009

The Honorable Teri Baumann
Burke County Auditor
P.O. Box 310
Bowbells, ND 58721-0310

RE: Geophysical Exploration
 Permit #97-0176

Dear Ms. Baumann:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Dawson Geophysical Company was issued the above captioned permit on November 3, 2009 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

