

T138N-R106W

T138N-R105W

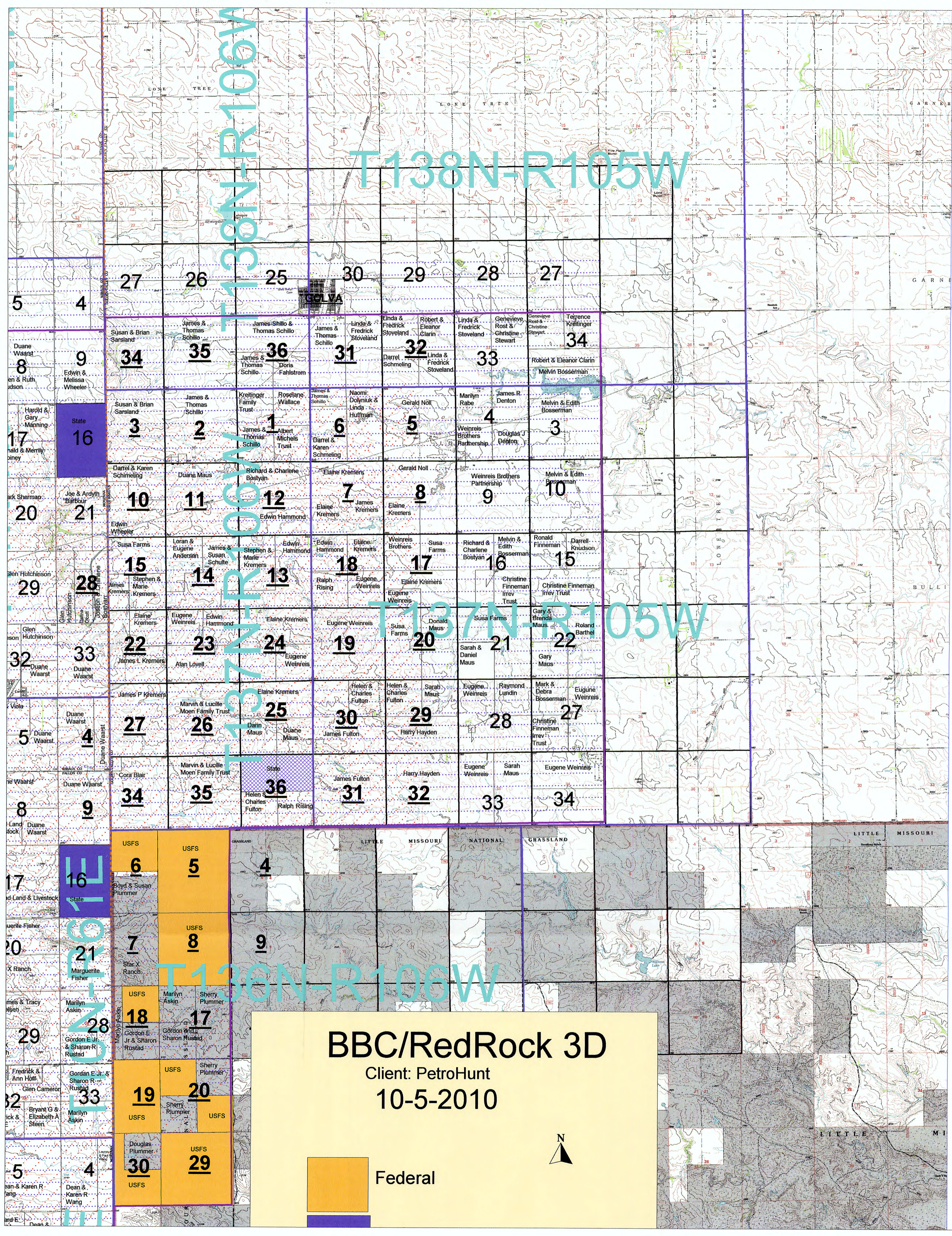
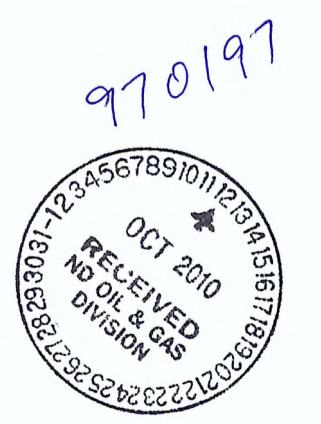
T137N-R105W

T136N-R106W

BBC/RedRock 3D

Client: PetroHunt
10-5-2010

Federal



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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. 970197	
Shot Hole Operations	*Non-Explosive Operations Vibroseis 3D

SECTION 1

Geophysical Contractor Dawson Geophysical Company	
Project Name and Number Red Rock 3D- 20410	County(s) Golden Valley
Township(s) 136N	Range(s) 106W
Drilling and Plugging Contractors	
Date Commenced January 3, 2011	Date Completed March 10, 2011

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 and/or Blowouts S.P.#s
Procedure for Plugging Flowing Holes and/or 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.



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 Geophysical Company		Address 508 W Wall Street Suite 800, Midland, TX 79710	
Contact Zane Zirschky		Telephone (432) 681-3000	Fax (432) 684-3030
Surety Company U.S. Specialty Insurance Company		Bond Amount \$50,000	Bond Number B000784
2) a. Subcontractor(s)		Address	Telephone
b. Subcontractor(s)		Address	Telephone
c. Subcontractor(s)		Address	Telephone
3) Party Manager Zane Zirschky		Address (local) 6855 S Havana Suite 560, Centennial	Telephone (local) (303) 723-0440
4) Project Name or Line Numbers Red Rock 3D CO 80112			
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) Vibroseis 3D			
6) Approximate Start Date October 10, 2010		Approximate Completion Date March 15, 2011	

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

7) Location of Proposed Project - County Golden Valley County					
Section(s), Township(s) & Range(s)	Section PLEASE SEE ATTACHMENT A		T.	R.	
	Section		T.	R.	
	Section		T.	R.	
	Section		T.	R.	
8) Size of Hole 3-D N/A	Amt of Charge N/A	Depth N/A	Source points per sq. mi. 118	No. of sq. mi. 59	9) Must supply latitudes and longitudes of post-plot source and receiver points on an SD card.
Size of Hole 2-D N/A	Amt of Charge	Depth	Source points per in. mi.	No. of in. mi.	
10) Anticipated special drilling and plugging procedures? N/A					
11) Enclose a pre-plot map with proposed location of seismic program lines and powder mag.					
Signed <i>Stephen Berkman</i>		Title Permit Agent		Date October 4, 2010	
(This space for State office use)			Conditions of Approval if any		
Permit No. 970197		Approval Date 10/14/10			
Approved by <i>Don Ludwig</i>		see attached letter			
Title Mineral Resources Permit Manager					
County Approval Sent Golden Valley					

*See Instructions On Reverse Side

ATTACHMENT A

T138N-R106W SECTIONS: 34-36 , 25-27

T138N-R105W SECTIONS: 31-34 , 27-30

T137N-R106W SECTIONS: 1-3, 10-15, 22-27, 34-36

T137N-R105W SECTIONS: 3-10, 15-22, 27-34

T136N-R106W SECTIONS: 5-8, 17-20, 29, 30

Oil and Gas Division

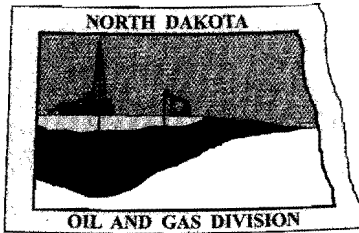
Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.oilgas.nd.gov



OCTOBER 14, 2010

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

RE: RED ROCK 3-D
 Geophysical Exploration Permit #97-0197
 GOLDEN VALLEY COUNTY

Dear Mr. Zirschky:

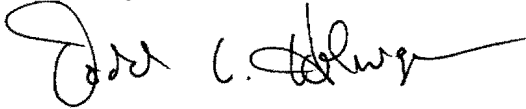
Please be advised that we are in receipt of your Geophysical Exploration permit application and it is conditionally approved; effective for one year from OCTOBER 14, 2010. Review the following conditions for your permit:

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,

A handwritten signature in black ink, appearing to read "Todd L. Holweger". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Todd L. Holweger
Mineral Resources Permit Manager

Oil and Gas Division

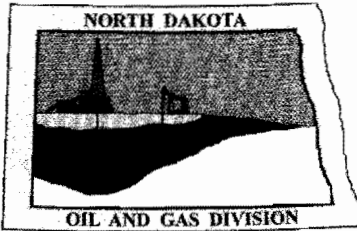
Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.oilgas.nd.gov



OCTOBER 14, 2010

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

RE: Geophysical Exploration Permit
 Permit #97-0197

Dear Ms. Stedman:

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 OCTOBER 14, 2010 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

