

## Sample Geophysical Exploration Application

Thank you for using the on-line application process. We attempt to respond to all applications by email within two business days. We will bill for the application fee and note any deficiencies in the information submitted. We will also provide a tracking number (RW000XXXX) that identifies your application and should be used in future correspondence concerning this application. This tracking number can also be used to track the status of the application online. If you have any questions, please call 701-328-2800 or respond to the address listed on this email.

Please remember to send the General Project Map in PDF format (see #14 below).

Application for Prospecting Permit  
ND Department of Trust Lands

1. Type of Prospecting Permit: **\*Sample\*** Geophysical Operations
2. Purpose of project: Request permission to conduct geophysical operations for a hydro fractural survey on state trust lands on behalf of Lonesome Dove MicroSeismic Inc.
3. Detailed Description: Vibroseis using geophones that are laid on the surface and attached by a small spike (about the size of a small tent spike). The geophones are placed and roughly 100 ft intervals. The cable and geophones locations are shown on a map pdf which will be emailed to Mike Humann.
4. Proposed exploration date(s): The cable and geophones are planned to be laid out around 6/15/2012 and will be there for the duration of the fracturing process (approximately 2 weeks).
5. Project: Michelsen frac project
6. Legal Description of School Trust Lands Crossed:  
NE4-36-144-77 Burleigh County  
SW4-36-144-77 Burleigh County
7. Project Contact Person: Augustus McCrain  
LONESOME DOVE MICROSEISMIC FRAC INC.  
PO Box 615  
Watford City ND, 58211  
Phone: 701- 350-3111 Mobile: 701-250-3111
8. Contact Email: [amcrain@lonedovems.com](mailto:amcrain@lonedovems.com)
9. Company name and address as it should appear in the easement/permit:  
Woodrow McCall  
LONESOME DOVE MICROSEISMIC FRAC INC.  
1223 Blue Duck Rd., Suite 5  
Powder Bluff TX, 77721  
Phone: 723-123-4567 Mobile: 712-765-4321
10. Address for sending the final document for signature:  
Woodrow McCall  
LONESOME DOVE MICROSEISMIC FRAC INC.

1223 Blue Duck Rd., Suite 5  
Powder Bluff TX, 77721  
Phone: 723-123-4567 Mobile: 77721  
[wmcalls@lonedovems.com](mailto:wmcalls@lonedovems.com)

11. Name & Address of Company Project Supervisor in Charge of Field Exploration

Lonesome Dove MicroSeismic Frac Inc.  
Jake Spoon  
PO Box 615

Watford City ND 58211  
Phone: 701- 350-3112 Mobile: 701-250-3112  
[jspoon@lonedovems.com](mailto:jspoon@lonedovems.com)

12. Offering for consideration: \$500.00 per linear mile

13. Comments, questions, or additional information: N/A

14. The application fee will be calculated by the Department of Trust Lands based on the information provided on this form and billed to the email address listed above.

15. Geophysical Exploration Applicants: The applicant for a geophysical exploration permit is also required to provide General Project Map of the entire project showing the proposed exploration on both private and public land with a rough scale of not less than 1/2 inch = 1 mile. The General Project Map must be in PDF format.

The General Project Map can be sent by email to [mhumann@nd.gov](mailto:mhumann@nd.gov) or mailed to Surface Division Prospecting, ND Department of Trust Lands, PO Box 5523, Bismarck, ND 58506-5523. Survey Plats for all projects should be emailed to [mhumann@nd.gov](mailto:mhumann@nd.gov).