

GREELEY-EVANS AREA 3D GEOPHYSICAL SURVEY



Mineral Resources, Inc. (MRI), an oil and natural gas producer based in Greeley, intends to conduct a 3D geophysical survey in order to develop oil and gas reserves in the most efficient and environmentally responsible manner in the cities of Greeley and Evans.

Thank you in advance from MRI and Geokinetics.

This flier contains information regarding a safe geophysical survey for your area. The survey will allow MRI to maximize oil and gas production which translates to greater returns for mineral owners and reduces environmental impacts through the strategic placement of multi-well pad sites. We need your support in finding additional domestic crude oil and natural gas.

What is a 3D Geophysical Survey?

A 3D geophysical survey uses proven technology to produce detailed images of geological layers deep beneath the earth's surface. From the data collected in this survey, maps are created to locate the exact positions of oil and gas reservoirs.

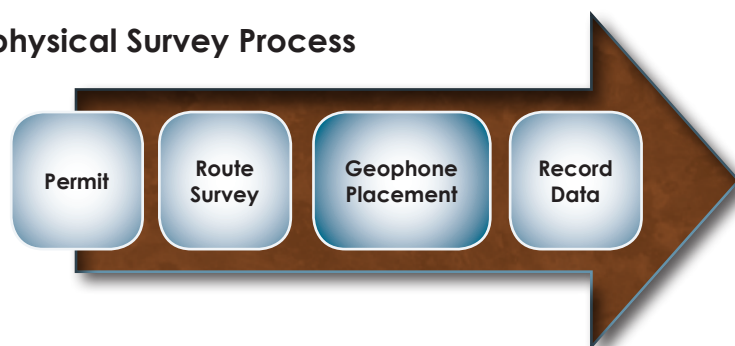


Graphic Courtesy of Montana State University



Geophysical Survey Coordinator

Geophysical Survey Process



Visit www.mineralresourcesinc.com/survey.aspx to see a video demonstration of the geophysical survey process.



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How does the survey work?

To generate these seismic images, MRI will employ specialized trucks utilizing Vibroseis technology to direct low force vibrations into the ground. A Vibroseis truck generates a controlled vibratory force through a baseplate that is placed in contact with the ground. These "acoustic waves" penetrate deep into the earth, bouncing off geologic layers

The impact from the vibroseis truck can be compared to road construction by a roller or loaded fork lift. >>

Photo by: Atlas Copco.



before reflecting back up to the surface. Arriving back at the surface, this seismic data is recorded by many small sensors called "geophones" that are temporarily placed along the survey route 5 days prior to mobilizing trucks.

The trucks will vibrate every 165 feet for 3 to 5 minutes along the survey route. Each block will take approximately 15 minutes to complete.

What is the survey time frame?

The survey will take place daily from 7:00 a.m. to 7:00 p.m. for a duration of approximately 30 days in different locations throughout the city.

Experienced personnel will be available to answer questions you may have throughout the survey.

What safety and environmental protocols will be in place?

MRI is committed to safeguarding the environment, as well as protecting the health and safety of its employees and community. MRI and its contractors comply with all local, state, and federal safety regulations. Regular safety meetings are held to ensure all crew members are in compliance with these standards before entering your neighborhood.

Who do I contact for questions?

A 24-hour community hotline is available for emergencies and questions. Experienced personnel will be available to answer questions you may have throughout the survey.

- 24-Hour Hotline P | 970.590.6373
- 24-Hour Hotline P | 970.590.0343
- 24-Hour Hotline Español P | 970.590.2638
- survey@mineralresourcesinc.com

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The cities of Greeley and Evans have granted MRI permission to move forward with this survey. The geophysical survey will be conducted in accordance with the City of Greeley Development Code, Section 18.56.070, and state rules and regulations.

