



PUBLIC NOTICE

TGS-NOPEC Geophysical Company– Barrow Arch 3D Marine Seismic Survey

The Alaska Department of Natural Resources, Division of Oil and Gas (Division) received a Geophysical Exploration Permit application from TGS-NOPEC Geophysical Company (TGS), dated May 16, 2018, to conduct marine seismic survey during 2018 and 2019 open-water periods on state waters in the Beaufort Sea. The Division is providing notice to all upland land owners that could be affected by the project.

Applicant: TGS (see application for contact information)

Project ID: MLUP 18-003 Barrow Arch 3D

Location: Umiat Meridian (all); T13N, R2E, Sections 1-2, 11-14, 23-26, 35, and 36; T13N, R3E, Section 1-36; T13N, R4E, Sections 1-32; T13N, R5E, Sections 1-12, 15-21, and 30; T13N, R6E, Sections 1-12; T13N, R7E, Sections 1-18, 23-26, 35, and 36; T13N, R8E, Sections 1-23 and 27-33; T13N, R9E, Sections 6 and 7; T14N, R2E, Sections 2, 11-14, 23-26, and 35-36; T14N, R3E, Sections 7, 16-23, and 25-36; T14N, R4E, Sections 30-33, T14N, R5E, Sections 24-28 and 32-36; T14N, R6E, Sections 19-36; T14N, R7E, Sections 1-3 and 9-36; T14N, R8E, Sections 1-36; T14N, R9E, Sections 1-36; T14N, R10E, Sections 5-8, 17-20, and 29-32; T15N, R7E, Sections 35 and 36; T15N, R8E, Sections 31-33, 35, and 36; T15N, R9E, Sections 25-27 and 31-36; T15N, R10E, Sections 29-32.

Project Description: The project is located on State of Alaska and Federal waters in Harrison Bay and Simpson Lagoon of Beaufort Sea, and the barrier islands west of Pingok Island. TGS plans to conduct approximately 905 square miles of 3D ocean-bottom node (OBN) seismic survey during the summer 2018 and 2019 open-water seasons. In State of Alaska waters, approximately 179 square miles will be acquired in 2018, with 106 square miles proposed in 2019. Seismic data acquisition is planned to commence as soon as the 2018 open water season is free of ice and will be completed by the end of October.

Seismic data acquisition is structured on a recording patch approach. Source vessels will travel along pre-determined 3D survey lines with the recording patch at a speed of about 4.5 knots. Source lines are oriented east to west and will only be acquired in water depths two meters or deeper. Receiver lines are oriented perpendicular to the source lines and will be laid in deeper waters in the north of the survey to as close to the shoreline as possible in the south, up to one meter water depth. Once the source lines within the active patch are completed the nodes are picked up and laid again at another patch location, usually adjacent.

All associated activities, including mobilization, surveying and demobilization of survey and support crews will occur inclusive of the above dates. The actual data acquisition is expected to take approximately 100 days.

The application package is available for review at the Division's Permitting Section, 550 West 7th Avenue, Suite 1100, Anchorage, or online at <http://dog.dnr.alaska.gov/Home/Newsroom>.

The Department of Natural Resources complies with Title II of the Americans with Disabilities Act of 1990. This notice will be made available in alternative communication formats upon request. Individuals with disabilities who may need auxiliary aids, services, or special modifications to participate may contact the address above or call 907-269-8411.

Posted: June 1, 2018