



## eni's milestones in Alaska

### 2006

- Start of exploration campaign in Alaska in the central part of the onshore North Slope region.
- Progress in development activity in the North Slope of Alaska: sanction the development of the Oooguruk field (eni 30%) and start-up of the appraisal phase of the Nikaitchuq field (eni 30%).

### 2007

- eni acquires an additional 70% stake and operatorship of Nikaitchuq project in Alaska from Anadarko.
- Extensive lease portfolio with a participating interest in approximately 150 leases in Alaska.

### 2008

- Commence production from the Oooguruk field (30%).
- eni sanctions the development, commenced development drilling and acquires 3-D seismic (OBC) for development optimization at the Nikaitchuq field (operated 100%) located on the North Slope. Nikaitchuq is the first development project operated by eni in Alaska.
- eni acquires 18 leases in the Chukchi Sea Federal Lease Sale (4 operated 100%, 14 non-operated 40%).

### 2009

- Continue development drilling at Oooguruk field (30%).
- Activities include the phased development plan of the Nikaitchuq field.

### 2010

- Continue development drilling at Oooguruk field (30%).
- Continue development drilling and activities at Nikaitchuq field (eni's interest 100%).
- Sealift Nikaitchuq process modules from Louisiana to Alaska's North Slope.
- Mechanical completion of Nikaitchuq onshore facilities.

### 2011

- First Oil at Nikaitchuq in January of 2011.
- Continue construction and development of phase II of the Nikaitchuq Development (the Spy Island drill site).
- eni owns interests in 140 leases in Alaska, of which 89 are located in Federal offshore waters of the Beaufort and Chukchi Seas and 51 being State onshore/near-shore leases.

### about eni

eni is a major integrated energy company, committed to growth in the activities of finding, producing, transporting, transforming and marketing oil and gas. The Company has global operations in 79 countries and employs about 80 thousand people.

It has adopted a model of Sustainability focused on the enhancement and security of its employees and of the communities it works with, on environmental protection, on technological innovation and research, on fighting climate change and on energy efficiency.

Companies listed on the Stock Exchanges are periodically screened to become part of the Sustainability Indexes that signal companies with a good environmental, social and governance performance. In 2010, eni's shares have been included for the fourth consecutive year in the FTSE4Good and Dow Jones Sustainability World indexes and for the third year in a row, in the Dow Jones Sustainability Europe Index. In 2010 eni's shares have also been included in the new Carbon Performance Leadership Index.



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### e&p in the United States

eni has been operating in the US since the late 1960's, and carries out oil and natural gas exploration and production under the name of **eni petroleum**. It has offices in Houston and Anchorage (AK), shore-bases in Port Fourchon and Cameron, Louisiana and interests in numerous deepwater fields in the Gulf of Mexico (GOM) and in the Barnett Shale. Net hydrocarbon production has grown significantly over the last 5 years to a production constantly in excess of 100,000 boed since 2009.

### environmental protection and community relations

Environmental responsibility is one of the keys for sustainable behavior. When operating in environmentally sensitive contexts, eni minimizes the potential negative impacts and maximizes opportunities to contribute to the protection of biodiversity and ecosystems. eni operates by creating relationships based on correctness, transparency and continuous dialogue with local communities in order to pursue shared objectives of sustainable development. Indigenous peoples have specific rights and eni respects their traditional knowledge in its decision making process. eni provides for the health and safety of all its people and of the communities with which it works.



## Nikaitchuq oil field development September 2011



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#### drill site construction

Winter construction of the offshore Spy Island drill site began in 2008. The eleven acre drill site is located in 4-6 feet of water just inside the barrier island in the Beaufort Sea, 3.8 miles offshore.



#### pipeline installation

The subsea pipe bundle containing four pipes and fiber optic and power cables is the heaviest bundle ever installed in the Arctic, and connects the offshore and onshore sites.



#### module off-load

Process and utility modules each weighing about 4,000 tons, made a 9,000 mile journey to the site, starting in Louisiana, going through the Panama Canal and passing through the Beaufort Sea pack ice before arrival at Oliktok Point.



#### Spy Island development

Smaller modules, including a man-camp built in Alaska, were transported by truck to the site. In total more than 200 truckable modules and sections were delivered up the haul road during all seasons.



#### onshore pipeline

Caribou graze in proximity to the onshore pipeline which connects Oliktok Point to the Kuparuk pipeline. Operations are managed to minimize impacts on wildlife and fragile ecosystems.



#### OPS - first oil

First oil flowed at Nikaitchuq on January 30, 2011, three years after the project sanction. The field is expected to yield 220 million barrels of oil over 30 years of planned operations. eni is the first major oil company to own 100 percent of a North Slope production facility.

#### sealift arrival at Oliktok

A state-of-art, low emission onshore plant can process up to 40,000 barrels per day of crude oil that then flow directly to the Trans-Alaska Pipeline. The plant was designed to safeguard the environment with spill containment a key theme in all modules.



#### drilling

Fifty two wells are planned at Nikaitchuq, 24 from the onshore Oliktok site and 28 from the drill pad offshore. Leading-edge technology is being used to tap the reservoir, enabling drilling, at a vertical depth of 4,000 feet, up to 20,000 feet horizontally.

