



Shell Exploration & Production

Shell's Position on North Aleutian Basin

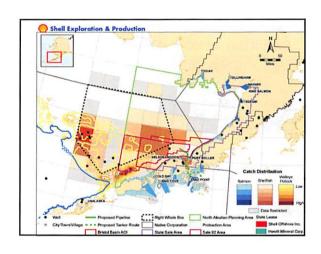
Shell advocates opening a portion of the North Aleutian Basin planning area for leasing.

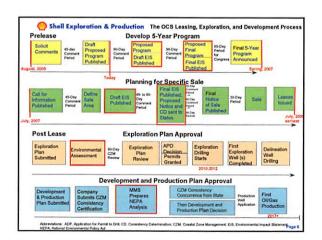
Offshore oil and gas development has an outstanding safety and environmental performance record

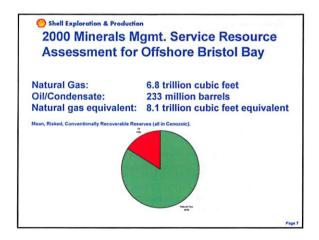
Benefits for residents include: job opportunities, tax revenue, local power, revenue sharing, equity participation.

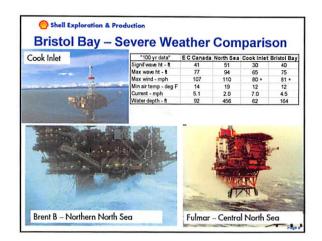
Shell requests comments to Minerals Management Service (MMS) to continue the debate on North Aleutian Basin in the 5 year plan. Expect Draft Proposed Program & start of 60 day comment period in early February, 2006.

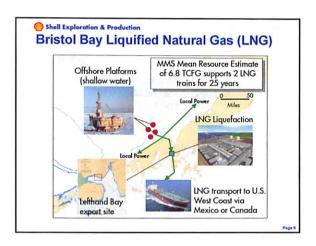
If not full support for leasing, recommend support for further analysis under the 5 year planning process via the environmental impact statement.

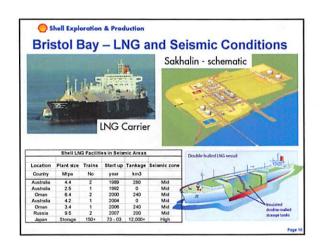


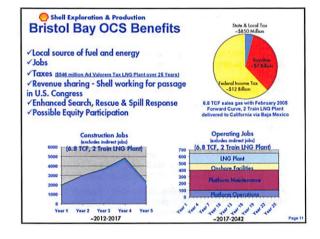




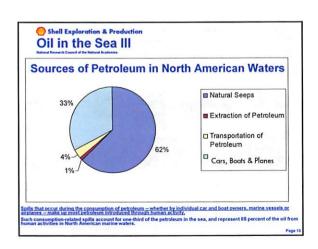


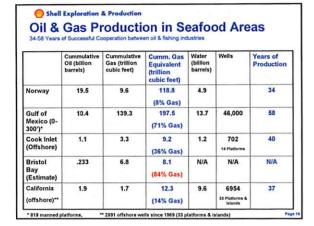


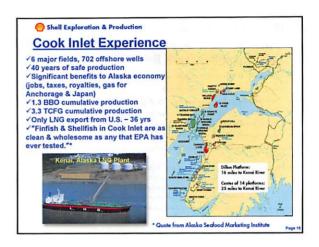


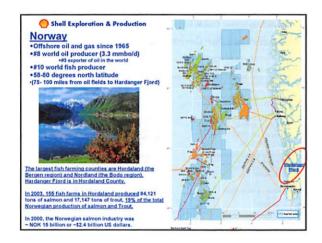


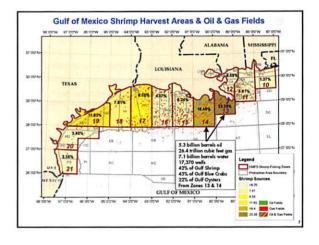


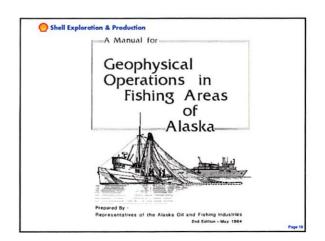












Shell Exploration & Production Offshore Oil & Gas Extraction **Enivronmental Track Record**  No significant (>1000 barrels) offshore well blowouts in over 30 years · No significant platform spills in over 25 years Many areas around the world where fishing & oil/gas industries successfully co-exist <1% of hydrocarbons released to oceans come from oil & gas extraction Lower release rate than fuel barging . MMS requires downhole, subsea safety shut-off valves on all wellbores

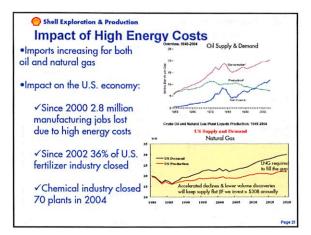
Relief well technology now capable of intersecting an  $8^{\circ}$  wellbore from a distance of 5km (3 miles).

Significant changes & improvements in past 30 years in the areas of:

Laws & regulations, such as the Oil Pollution Act of 1990, NEPA & establishment of EPA

Spill & blowout prevention, detection, reporting and response
 Cooperation with other ocean users, including fishermen & subsistence users

. Zero cargo spills ever (35+ years) for LNG shipping (more than 35,000 voyages)



Shell Exploration & Production Commenting on the 5 Year Plan

- Full support to open a small portion of the North Aleutian Basin

- Support with operational restrictions or sensitive area exclusions

 If unsure, support for continuing the evaluation of Bristol Bay through the environmental impact statements & additional public comment periods

Include comments on revenue sharing with local communities impacted by offshore development

· Additional issues for commenting:

- Individually drafted comments are best

Comment directly to MMS with copies to Governor, Congressional delegation & State/Local representatives (we can provide addresses & website)

Shell Exploration & Production **Addresses for Comments** Access using Shell's BiPac website: http://bipac.net/shell Ms. Renee Orr
5-Year Program Manager - Minerals Management Service
331 Elden Street, MS 4010
Herndon, VA 20170
By email comments can be sent to: Investigation of Search Service Servi Gov. Frank Murkowski The Honorable Ted Stevens United States Senate P.O. Box 110001 Washington, DC 20510 fax (202) 224-2354 Juneau, AK 99811 (907) 465-3532 The Honorable Lisa Murkowski United States Senate Washington, DC 20510 (202) 224-5301 The Honorable Don Young U.S. House of Representatives Washington, DC 20515 (202) 225-0425 - Fax State Representative Carl Moses 716 W. 4th Ave. Anchorage, Ak 99501 email: Rep. Carl. Moses@legis.str State Senator Lyman Hoffman P.O. Box 886
Bethel , Ak 99559
email: Senator Ly

# North Aleutian Basin, Alaska Outer Continental Shelf (OCS) 2007-12 Five Year Leasing Plan

**Request for Public Comment** 

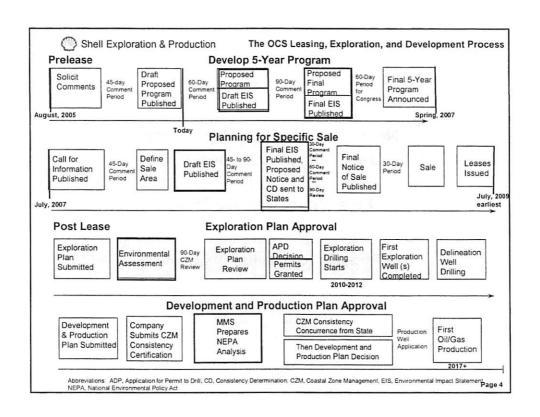
February, 2006

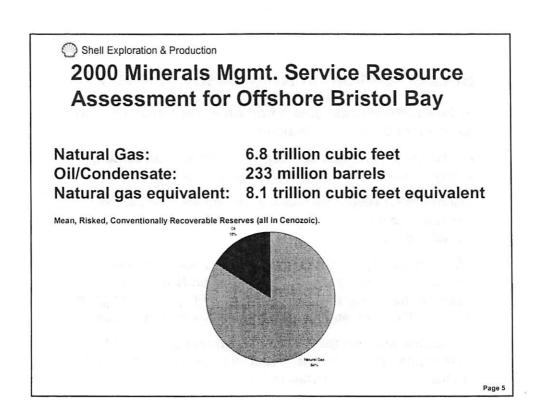
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Shell Exploration & Production

## Shell's Position on North Aleutian Basin

- >Shell advocates opening a portion of the North Aleutian Basin planning area for leasing.
- >Offshore oil and gas development has an outstanding safety and environmental performance record
- > Benefits for residents include: job opportunities, tax revenue, local power, revenue sharing, equity participation.
- >Shell requests comments to Minerals Management Service (MMS) to continue the debate on North Aleutian Basin in the 5 year plan. Expect Draft Proposed Program & start of 60 day comment period in early February, 2006.
- ➤If not full support for leasing, recommend support for further analysis under the 5 year planning process via the environmental impact statement.





Shell Exploration & Production **Bristol Bay OCS Benefits** State & Local Tax ~\$850 Million √Local source of fuel and energy √ Jobs √ Taxes (\$546 million Ad Valorem Tax LNG Plant over 25 Years) ✓ Revenue sharing - Shell working for Federal Income passage in U.S. Congress \$12 Billion √Enhanced Search, Rescue & Spill 6.8 TCF sales gas with February 2005 Forward Curve, 2 Train LNG Plant Response delivered to California via Baja Mexico √ Possible Equity Participation **Operating Jobs Construction Jobs** (exludes indirect jobs) (excludes indirect jobs) 6000 (6.8 TCF, 2 Train LNG Plant) (6.8 TCF, 2 Train LNG Plant) 700 5000 600 **LNG Plant** 500 4000 Onshore Facilities 400 3000 300 Platform Maintenanc 200 2000 1000 **Platform Operations** 1631 15 16 16 19 Year 1 Year 3

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## **Additional Benefits**

~2012-2017

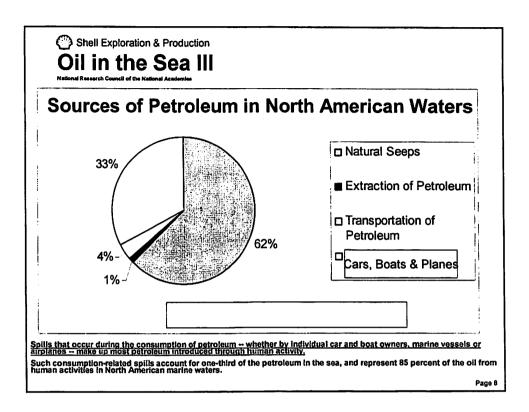
From Norwegian Oil Industry Assoc. Fact Shee

- · Increased safety offshore
  - Oil industry standby vessels improve offshore safety:
    - » Towing capability
    - » Improved emergency response treatment facilities

~2017-2042

- » Fire fighting equipment
- · Search & Rescue helicopters save lives
  - Permanently stationed search & rescue helicopters on some platforms
  - Within easy reach of important fishing fields & shipping lanes
  - 1/16/2003 SAR helicopter saved 11 fisherman off the Stalegg Senior which had run into a rock, 4 rescued from the water.
- Other Benefits:
  - Larger oil spill response capability in the region
  - SP70 fishing sonar developed as by-product of pipeline surveying equipment.

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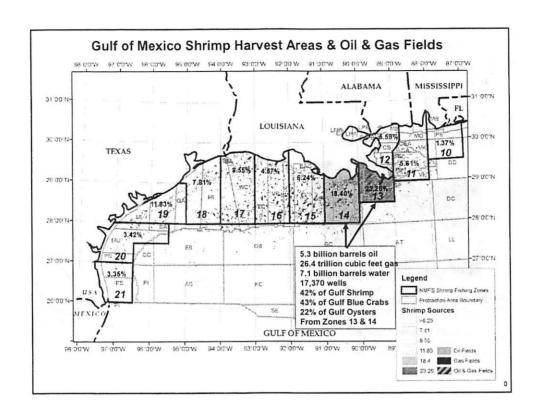


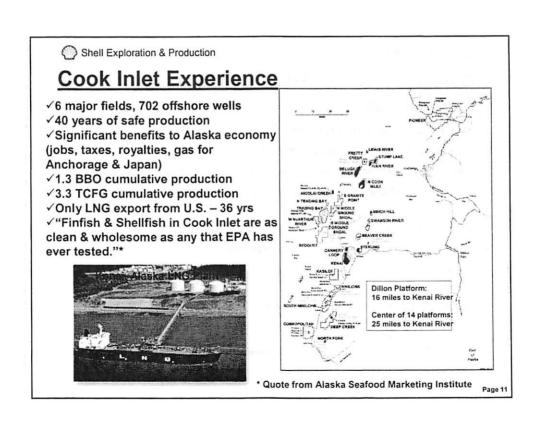
# Oil & Gas Production in Seafood Areas

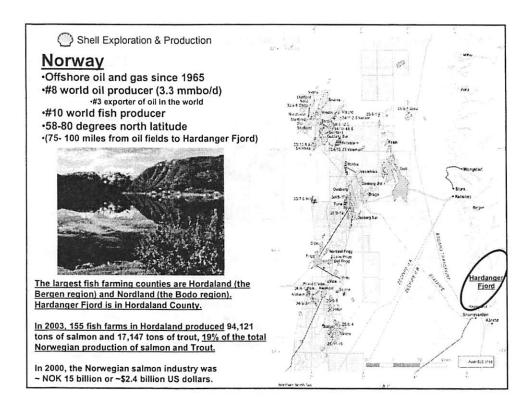
34-58 Years of Successful Cooperation between oil & fishing industries

	Cummulative Oil (billion barrels)	Cummulative Gas (trillion cubic feet)	Cumm. Gas Equivalent (trillion cubic feet)	Water (billion barrels)	Wells	Years of Production
Norway	19.5	9.6	118.8 (8% Gas)	4.9		34
Gulf of Mexico (0- 300')*	10.4	139.3	197.5 (71% Gas)	13.7	46,000	58
Cook Inlet (Offshore)	1.1	3.3	9.2 (36% Gas)	1.2	702	40
Bristol Bay (Estimate)	.233	6.8	8.1 (84% Gas)	N/A	N/A	N/A
California (offshore)**	1.9	1.7	12.3 (14% Gas)	9.6	6954	37

<sup>\* 819</sup> manned platforms, \*\* 2891 offshore wells since 1969 (33 platforms & islands)





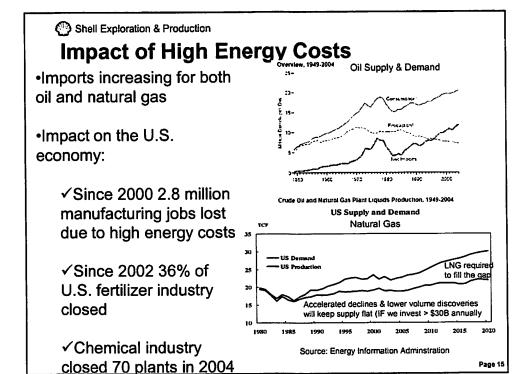


# Offshore Oil & Gas Extraction Enivronmental Track Record

- No significant (>1000 barrels) offshore well blowouts in over 30 years
- · No significant platform spills in over 15 years
- · Many areas around the world where fishing & oil/gas industries successfully co-exist
- <1% of hydrocarbons released to oceans come from oil & gas extraction</li>
  - · Lower release rate than fuel barging
- Zero cargo spills ever (35+ years) for LNG shipping (more than 35,000 voyages)
- · MMS requires downhole, subsea safety valves on all wellbores
- Relief well technology now capable of intersecting an 8" wellbore from a distance of 5km (3 miles).
- Significant changes & improvements in past 30 years in the areas of:
  - · Laws & regulations, such as the Oil Pollution Act of 1990, NEPA & establishment of EPA
  - · Spill & blowout prevention, detection, reporting and response
  - Cooperation with other ocean users, including fishermen & subsistence users

# **New Ways to Operate**

- Cooperation Agreements
  - Operational windows so exploration & construction minimize impacts on seafood harvesting and/or subsistence activities
  - · 1st used in the Bering Sea in the 1980's
  - North Slope offshore Alaska Alaska Eskimo Whaling Commission
  - Lofoten area in northern Norway with Cod & Herring fisheries
- Good Neighbor Policy
  - · Compensation for damage to fishing equipment
  - North Slope offshore Alaska Alaska Eskimo Whaling Commission
  - · Planned for Lofoten area in northern Norway
  - · Payments in the event a spill damages resources
- Regulatory Boundaries Shaped by Resource Protection Needs





### **Addresses for Comments**

Access using Shell's BiPac website: http://bipac.net/shell

5-Year Program Manager - Minerals Management Service 381 Elden Street, MS 4010 Herndon, VA 20170 By email comments can be sent to: fiveyrplcomments@mms.gov 5 Year EIS comments can be sent to: fiveyreiscomments@mms.gov

Gov. Frank Murkowski P.O. Box 110001 Juneau, AK 99811 (907) 465-3532

The Honorable Lisa Murkowski **United States Senate** Washington, DC 20510 (202) 224-5301

State Senator Lyman Hoffman P.O. Box 886 Bethel , Ak 99559 email: Senator Lyman Hoffman@legis.state.ak.us

The Honorable Ted Stevens United States Senate Washington, DC 20510 fax (202) 224-2354

The Honorable Don Young U.S. House of Representatives Washington, DC 20515 (202) 225-0425 - Fax

> State Representative Carl Moses 716 W. 4th Ave. Anchorage, Ak 99501 email: Rep Carl Moses@legis.state.ak.us