

ENERGY ON THE MOVE

# AMERICAS PRODUCTION



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Hess is a leading global independent energy company with global exploration, production, marketing and refining operations.

Today, Hess is the third largest oil producer, with over 27,000 BEOPD, and the largest gas producer in North Dakota. The company continues to build on its solid foundation in the Americas, making the region an integral part of Hess' upstream portfolio.

Our E&P operations in Americas are comprised of onshore operations in West Texas, North Dakota, and offshore, Gulf of Mexico. Hess continues to grow its portfolio through new exploration ventures, steady progress in developments and continued success in production.

## Permian

### MAIN PAY ZONE (MPZ)

- ▶ The Main Pay Zone has been producing for more than 70 years.
- ▶ The CO<sub>2</sub> flood tertiary recovery project was initiated in 1983 and is currently one of the most successful enhanced oil recovery projects in the Permian Basin.

### RESIDUAL OIL ZONE (ROZ)

- ▶ A long-term tertiary recovery project expected to extend the life of the project for more than 20 years.
- ▶ ROZ lies directly below the Seminole San Andres Unit's (SSAU) Main Pay Zone (MPZ).
- ▶ The project will include up to 145 production and CO<sub>2</sub> injection wells.

### WEST BRAVO DOME

- ▶ A CO<sub>2</sub> project in northeast New Mexico, West Bravo Dome is being developed to supply up to 75 MMCF/D of CO<sub>2</sub> to the ROZ project.
- ▶ Hess has drilled 18 CO<sub>2</sub> wells and plans to build a pipeline gathering system for these and up to 24 additional CO<sub>2</sub> wells previously drilled.

### SEMINOLE GAS PROCESSING PLANT

- ▶ Constructed to support SSAU production by processing the produced gas from the oil field.
- ▶ Expanded its processing capacity in 2003 from 160 MMCFD to 205 MMCFD.
- ▶ Current ROZ expansion increases capacity to 280 MMCFD.

## North Dakota

- ▶ Hess is producing oil in the Tioga, Keene, Fryburg and Newburg areas.

### BAKKEN

- ▶ A geologic play that is characterized by billions of barrels of oil in very low permeability rock.
- ▶ Hess is producing more than 14,000 BOEPD with long, multi-stage fractured horizontal wells.
- ▶ Currently operating eight drilling rigs and will drill 50 wells per year. The rig count is expected to increase to 10 by the end of 2010.

### TIOGA GAS PLANT

- ▶ Hess operates the Tioga Gas Plant which has a capacity to process 110 MMCFD. The company will expand the processing capacity at this plant to 250 mmcfD by 2013.

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## Gulf Of Mexico

- ▶ In the deepwater Gulf of Mexico, Hess produces more than 50,000 BOEPD. Current fields include Baldpate, Penn State, Conger, Northwestern, Tulane, Enchilada, Llano, Hack Wilson and Shenzi.
  - Shenzi, operated by BHP Billiton (44%), archived first oil in Q1 2009 and has added 24,000 BOEPD to Hess Gulf of Mexico production.
  - Hess is the operator of Baldpate, which produces 6,000 BOEPD.
- ▶ Exploration and development activities continue to build the deepwater operations and provide a promising future for continued growth.

## SEA ROBIN GAS PLANT

- With a capacity of 750 MMCFD the Sea Robin Gas Plant processes 300 MMCFD of production from Baldpate and other owners.

	BOEPD
North Dakota	27,000
Permian	8,500
Gulf of Mexico	50,000

## Social Responsibility

### NORTH DAKOTA

- In North Dakota, Hess experts assist with a technical training program at the Williston State College as a part of its social responsibility efforts in the state.
- Other community initiatives include sponsoring a children's water safety program, donating to Habitat for Humanity and participating in Relay for Life.

### PERMIAN

- Each year, West Texas employees sponsor an Easter egg hunt for over 600 children in the Seminole area.
- Employees also partner with Christmas in Action, an organization which repairs the homes of low-income elderly and disabled homeowners.



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