



BP plans for significant growth in deepwater Gulf of Mexico

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- Approval of major expansion at Atlantis field supports strategy of growing advantaged oil production around existing production hubs.
- Recent BP breakthrough in seismic imaging identifies 1 billion barrels of additional oil in place at Thunder Horse field.
- New discoveries near Na Kika platform provide additional development opportunities.
- BP expects to grow net Gulf production to around 400,000 boe/d in the next decade.

HOUSTON – BP announced today that it has approved a major expansion at the Atlantis field in the U.S. Gulf of Mexico and has also identified significant additional oil resources that could create further development opportunities around the production hubs it operates in the region.

The \$1.3 billion Atlantis Phase 3 development is the latest example of BP's strategy of growing advantaged oil production through its existing production facilities in the Gulf. The approval for this latest development comes after recent BP breakthroughs in advanced seismic imaging and reservoir characterization revealed an additional 400 million barrels of oil in place at the Atlantis field.

Application of the same technology and analysis has now identified an additional 1 billion barrels of oil in place at the Thunder Horse field. Elsewhere, two new discoveries near the Na Kika production facility could provide further tie-back development opportunities.

"BP's Gulf of Mexico business is key to our strategy of growing production of advantaged high-margin oil. We are building on our world-class position, upgrading the resources at our fields through technology, productivity and exploration success," said Bernard Looney, BP's Upstream chief executive.

“And these fields are still young – only 12% of the hydrocarbons in place across our Gulf portfolio have been produced so far. We can see many opportunities for further development, offering the potential to continue to create significant value through the middle of the next decade and beyond.”

BP approves Atlantis expansion

Atlantis Phase 3 will include the construction of a new subsea production system from eight new wells that will be tied into the current platform, 150 miles south of New Orleans. Scheduled to come onstream in 2020, the project is expected to boost production at the platform by an estimated 38,000 barrels of oil equivalent a day (boe/d) gross at its peak. It will also access the eastern area of the field where the advanced imaging and reservoir characterization identified additional oil in place.

“Atlantis Phase 3 shows how our latest technologies and digital techniques create real value – identifying opportunities, driving efficiencies and enabling the delivery of major projects. Developments like this are building an exciting future for our business in the Gulf,” said Starlee Sykes, BP’s regional president for the Gulf of Mexico and Canada.

Advanced seismic imaging boosts Thunder Horse resources

The proprietary algorithms developed by BP enhance a seismic imaging technique known as Full Waveform Inversion (FWI), allowing seismic data that would have previously taken a year to analyze to be processed in only a few weeks. Application of this technology and reservoir characterization has now identified a further 1 billion barrels of oil in place at the Thunder Horse field.

BP’s leadership in seismic acquisition and imaging is a result of sustained investment in technology and high-performance computing. Following a successful field trial at the Mad Dog field, further advanced seismic imaging with ocean bottom nodes and BP’s proprietary Wolfspaar seismic acquisition source is being planned for Thunder Horse and Atlantis to better understand the reservoirs. Wolfspaar uses ultra-low frequencies during seismic surveys, allowing geophysicists to see deeper below salt layers and enabling better planning of where to drill wells.

Discoveries and new potential near Na Kika

BP is also announcing two oil discoveries in the Gulf of Mexico, at the Manuel and Nearly Headless Nick prospects.

The Manuel discovery is located on Mississippi Canyon block 520, east of the BP-operated Na Kika platform. The well encountered oil pay in high-quality Miocene sandstone reservoirs. BP is expecting to develop these reservoirs via subsea tieback to the Na Kika platform. BP's partner in the Manuel discovery is Shell, which holds a 50 percent working interest.

BP also has a stake in the Nearly Headless Nick discovery located on Mississippi Canyon block 387, operated by LLOG. The well encountered oil pay in high-quality Miocene sandstone reservoirs and is expected to be tied back to the nearby LLOG-operated Delta House facility. BP's partners in the Nearly Headless Nick discovery include LLOG, Kosmos Energy Ltd, and Ridgewood Energy. BP holds a 20.25 percent working interest.

Growing production in the Gulf of Mexico

Over the last five years, BP's net production in the Gulf of Mexico has increased by more than 60 percent, rising from less than 200,000 boe/d in 2013 to more than 300,000 boe/d today. BP is currently the top oil producer in the Gulf and anticipates its production growing to around 400,000 boe/d through the middle of the next decade.

The growth will be supported by recent project startups, including Thunder Horse Northwest and Thunder Horse South expansions and the Thunder Horse Water Injection project, as well as the addition of a second platform (Argos) at the Mad Dog field, which is on budget and on schedule to come online in late 2021.

Future potential developments at BP's offshore fields in the Gulf include Atlantis Phase 4 and 5, further developments at Thunder Horse, Na Kika subsea tiebacks and Mad Dog field extensions.

About BP:

BP is a global producer of oil and gas with operations in over 70 countries. BP has a larger economic footprint in the U.S. than in any other nation, and it has invested more than \$100 billion here since 2005. BP employs about 14,000 people across the U.S. and supports more than 111,000 additional jobs through all its business activities. For more information on BP in America, visit www.bp.com/us.

Notes to editors:

- While BP has reached a final investment decision (FID) on Atlantis Phase 3, co-owner BHP is expected to make a final investment decision in early 2019. BP is the operator of Atlantis and holds a 56 percent working interest, with BHP holding the remaining 44 percent.
- BP is the largest investor in the Deepwater Gulf of Mexico over the past 10 years.
- BP operates four large production platforms in the deepwater Gulf of Mexico – Thunder Horse, Atlantis, Mad Dog and Na Kika – and holds interests in four non-operated hubs – Mars, Olympus, Ursa and Great White.
- The Atlantis production platform is located 150 miles south of New Orleans in over 7,000 feet of water. BP discovered the Atlantis field in 1998 and began production there in 2007.
- BP is one of the largest leaseholders in the Gulf, with acreage in about 200 lease blocks.

Further information:

BP Press Office, Houston: uspress@bp.com, +1 281 366 4463.

Cautionary Statement:

In order to utilize the 'safe harbor' provisions of the United States Private Securities Litigation Reform Act of 1995 (the 'PSLRA'), BP is providing the following cautionary statement. This press release contains certain forward-looking statements – that is, statements related to future, not past events and circumstances – which may relate to one or more of the financial condition, results of operations and businesses of BP and certain of the plans and objectives of BP with respect to these items. These

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This document contains references to non-proved resources and production outlooks based on non-proved resources that the SEC's rules prohibit us from including in our filings with the SEC. U.S. investors are urged to consider closely the disclosures in our Form 20-F, SEC File No. 1-06262.

Our most recent Annual Report and Form 20-F and other period filings are available on our website at www.bp.com, or can be obtained from the SEC by calling 1-800-SEC-0330 or on its website at www.sec.gov.