



## Orca-1 Exploration Well Makes Major Gas Discovery Offshore Mauritania

October 28, 2019

DALLAS--(BUSINESS WIRE)--Oct. 28, 2019-- [Kosmos Energy](#) (NYSE/LSE: KOS) announced today that the Orca-1 exploration well has made a major gas discovery offshore Mauritania in the BirAllah area. The results continue the 100 percent success rate from nine wells targeting the inboard gas trend in Mauritania/Senegal.

The Orca-1 well, which targeted a previously untested Albian play, exceeded pre-drill expectations encountering 36 meters of net gas pay in excellent quality reservoirs. In addition, the well extended the Cenomanian play fairway by confirming 11 meters of net gas pay in a down-structure position relative to the original Marsouin-1 discovery well, which was drilled on the crest of the anticline. The location of Orca-1, approximately 7.5 kilometers from the crest of the anticline, proved both the structural and stratigraphic trap of the Orca prospect, which we estimate has a mean gas initially in place (GIIP) of 13 TCF.

In total, we believe that Orca-1 and Marsouin-1 have de-risked up to 50 TCF of GIIP from the Cenomanian and Albian plays in the BirAllah area, more than sufficient resource to support a world-scale LNG project. In addition, a deeper, untested Aptian play has also been identified within the area and surrounding structures.

The Orca-1 result demonstrates highly calibrated AVO, which together with our exploration track record provides further confidence in our ability to predict the presence of high-quality gas charged Cenomanian and Albian reservoirs within the 400-kilometer long inboard Mauritania/Senegal gas basin.

Commenting on the results of the Orca-1 well, Chairman and Chief Executive Officer Andrew G. Inglis said: "The Orca-1 well concludes a very strong year for exploration and appraisal in Mauritania and Senegal. Orca-1, which we believe is the largest deepwater hydrocarbon discovery in the world so far this year, further demonstrates the world-scale quality of the Mauritania gas basin. With sufficient resource in place at the BirAllah hub, Kosmos looks forward to working with the Government of Mauritania and its partners to bring benefits to the people of Mauritania through the development of cost competitive, low carbon intensity projects."

Following today's positive drilling result and due to the scale and materiality of the Orca-1 discovery, Kosmos is extending the timeline of its Mauritania/Senegal sell down process into 2020, giving potential bidders additional time to analyze the new data.

Located approximately 125 kilometers offshore Mauritania, the Orca-1 well was drilled in approximately 2,510 meters of water to a total measured depth of around 5,266 meters.

Partners in the BirAllah gas hub, located offshore Mauritania, include SMHPM, BP, and Kosmos.

### About Kosmos Energy

Kosmos is a full-cycle deepwater independent oil and gas exploration and production company focused on the Atlantic Margins. Our key assets include production offshore Ghana, Equatorial Guinea and U.S. Gulf of Mexico, as well as a world-class gas development offshore Mauritania and Senegal. We also maintain a sustainable exploration program balanced between proven basin infrastructure-led exploration (Equatorial Guinea and U.S. Gulf of Mexico), emerging basins (Mauritania, Senegal and Suriname) and frontier basins (Cote d'Ivoire, Namibia and Sao Tome and Principe). Kosmos is listed on the New York Stock Exchange and London Stock Exchange and is traded under the ticker symbol KOS. As an ethical and transparent company, Kosmos is committed to doing things the right way. The Company's Business Principles articulate our commitment to transparency, ethics, human rights, safety and the environment. Read more about this commitment in the Kosmos 2018 Corporate Responsibility Report. For additional information, visit [www.kosmosenergy.com](http://www.kosmosenergy.com).

### Forward-Looking Statements

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