



## **Chevron's Production of Oil and Gas from the Jack and St. Malo Fields in the Deepwater Gulf of Mexico**

### **Billy Varnado**

Jack-St. Malo is made up of two fields. Jack and St. Malo obviously are the names and they're 25 miles apart. This is in 7,000 feet of water in the Gulf of Mexico, so very challenging water depth. Well depths are also quite challenging at over 26,000 feet.

### **Joe Gregory**

Jack-St. Malo is clearly one of the large mega-projects that's very, very important to Chevron's growth for upstream. We have within Jack-St. Malo as well as other projects a desire to grow to 3.1 million barrels of production per day by 2017.

### **David Knight**

Jack-St. Malo is Chevron's first development in the Wilcox, which is obviously both very deep water, 7,000 feet, but a very deep, challenging reservoir. The project allows us to evaluate that and any future opportunities that may come from the Wilcox. It has the very large potential to enable significant future development.

### **Matt Richards**

The Wilcox Reservoir is very thick here. It's on the order of 1,400 feet thick. Oil in place numbers are very large for both fields. These things lend themselves to very long field lives.

### **Paul Siegele**

The original discovery for Chevron was St. Malo before Jack in 2003. At the time it was called Dana Point. It was a Unocal prospect that was drilled through the Miocene section so it stopped just above the discovery.

### **Matt Richards**

At these depths, nearly 30,000 feet, the seismic image is quite limited. That's not abnormal but it takes a lot of work to bring those images up to a level where you feel like you understand the field. We had to acquire a lot of seismic, multiple generations of seismic. Seismic technology was advancing rapidly during this time period, which ultimately worked to our benefit.

### **Hugh Barclay**

In 2006 it wasn't at all clear how we could economically develop Jack Field or the St. Malo Field. One of the most promising development alternatives was the concept of a combined field development.

### **Joe Gregory**

Any time you could have a single host be able to be utilized to produce two fields or more it clearly is a game changer for driving the economics to a better position.



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### **Hugh Barclay**

Without some advances and application of new technology the development of both fields was challenged economically.

### **Steve Thurston**

Since the mid-2000s with Chevron's installation of some deepwater development such as Tahiti, key technologies have been the enablers for our deepwater developments. Jack-St. Malo will have multitude of new technologies being deployed to safely develop and deliver that production.

### **Billy Varnado**

When we started there were no analogs for this development so certainly in addition to the economics, the financial gain we will recognize from producing Jack-St. Malo, we are learning a tremendous amount from the reservoir.

### **Chris Riccobono**

It's exciting to be involved in something that's right on the edge of really being a breakthrough for the industry and I'm proud of the fact that I'm working on something that's US-based right now and could make a difference to the energy security of the United States.