



Cyprus Gas Discovery

IENE 1st CYPRUS ENERGY SYMPOSIUM
January 26, 2012



It is a pleasure and an honor to be able to make this presentation on behalf of Noble Energy before such a distinguished audience.

Noble Energy, Inc.

- Large US independent oil & gas exploration & production company
- Corporate headquarters - Houston, Texas
- Formed in 1932
- Listed on New York Stock Exchange (NBL) – S&P 500 company
- Market capitalization – about \$17 billion
- Employees – 1,800 full time

Noble Energy is a large independent oil and gas exploration and production company based in Houston, Texas, and with offices and operations in various parts of the world.

The company was initially formed in 1932 to operate in the US. Its portfolio expanded over time to include activities overseas and in 1972 the company was listed on the New York Stock Exchange.

Noble has grown rapidly over the years and its current market capitalization is about 15 billion US dollars.

We have about 1,800 employees around the world.

Noble's Balanced Portfolio



- Quality Asset Foundation
 - Resilient to price volatility
 - Low cost structure
 - Extensive project inventory
- Five Core Operating Areas with Growth Attributes
 - Onshore United States: Rocky Mtns.
 - Onshore United States: Marcellus Shale
 - Deepwater Gulf of Mexico
 - West Africa
 - Eastern Mediterranean

Reserves YE 2010
1.1 BBoe



Volumes 2011E
220 to 222 MBoe/d



The first pie chart shows the distribution of Noble's reserves between the United States and the rest of the world.

As of 2010, our reserves totaled about 1.1 billion barrels of oil equivalent, with gas reserves being converted to oil on a 6 to 1 basis (6 thousand cubic feet of gas equals 1 barrel of oil).

You can see that these reserves are almost equally divided between the US and the rest of the world.

Noble's daily production is between 208,000 and 218,000 barrels of oil equivalent per day.

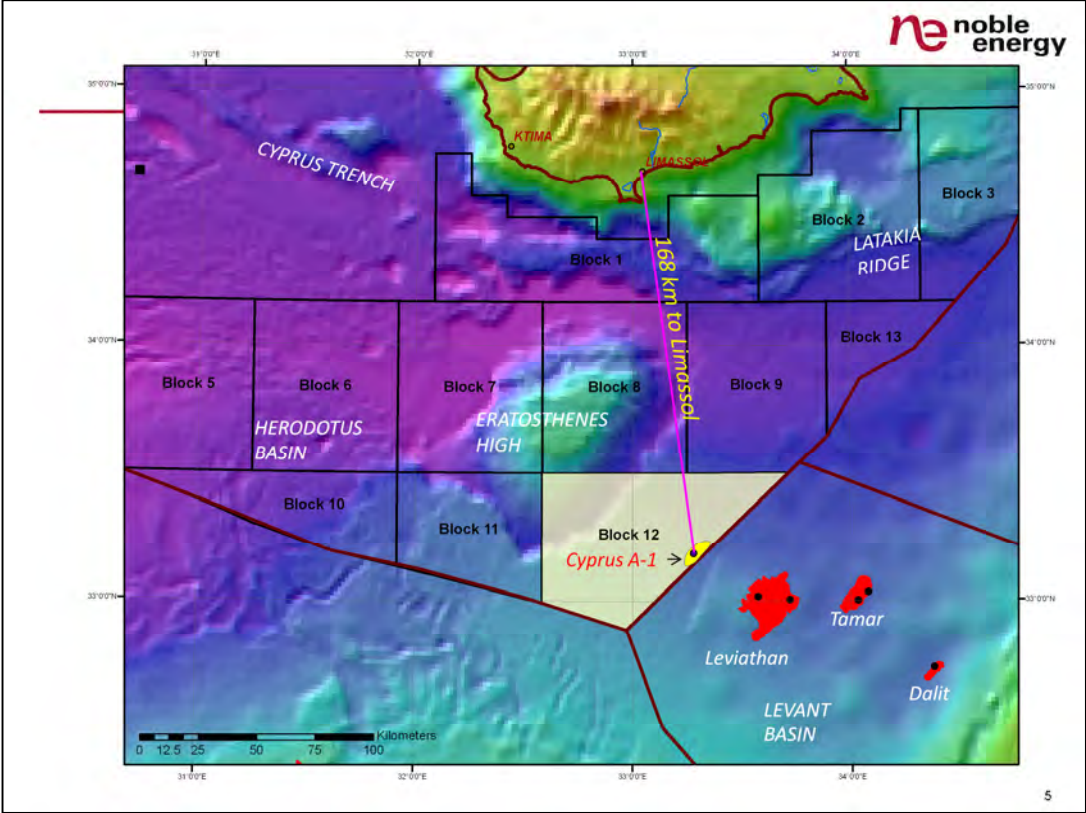
The bottom pie chart shows the makeup of our production, roughly 1/3 liquids (oil and condensate), 1/3 US natural gas, and 1/3 international natural gas.

The five core operating areas of the company are onshore in the US in both the Rocky Mountains and the Marcellus Shale region, deepwater Gulf of Mexico (also US), West Africa, and the Eastern Mediterranean.

Geographically Well-positioned and Technically Focused



This slide is a map depiction of Noble's areas of activity around the world.



Press Release of 27 December 2011



- Significant natural gas discovery.
- Drilled to a depth of about 5,861 m.
- Water depth 1,689 m.
- Encountered approximately 94.5 m of net natural gas pay (reservoir).
- Resource range of 5 (P75) to 8 (P25) trillion cubic feet (TCF), with a gross mean of 7 TCF.
- Field covers approximately 104 sq. km.

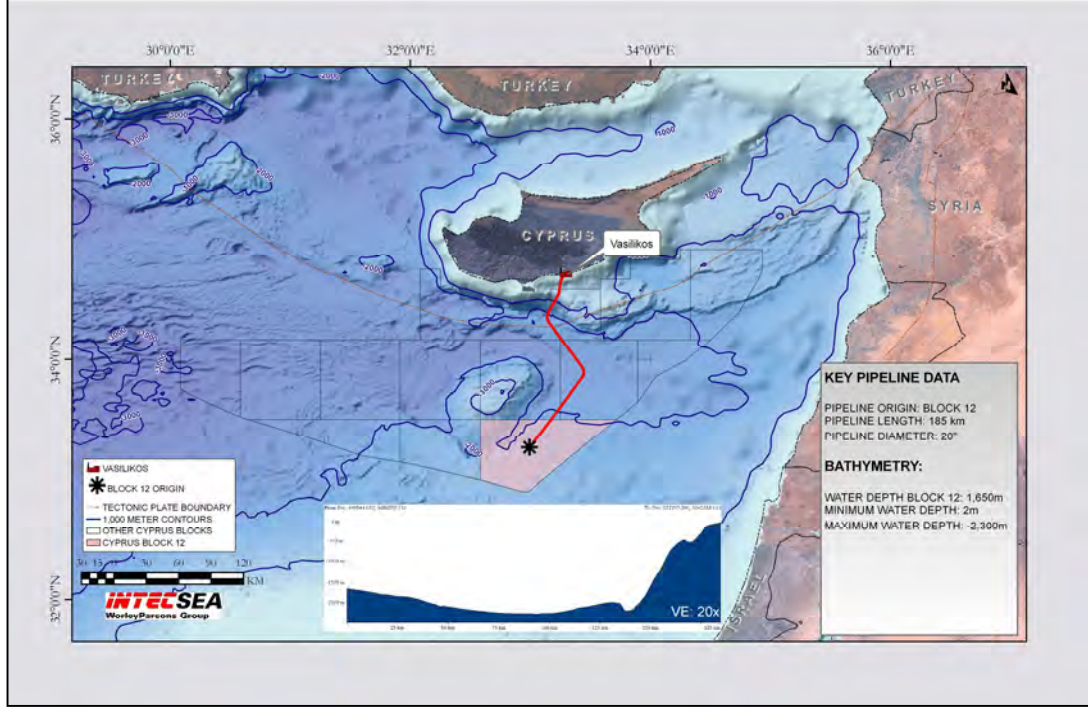
Noble Homer Ferrington Semisubmersible Rig



Planned Appraisal Work

- The A-1 well results were excellent, and now we need to analyze the vast amount of information the well has provided as we begin planning for appraisal, development, and commercialization of the natural gas field.
- Over the next few months, we will:
 - Digest the data obtained during the drilling phase of the A-1 well
 - Integrate the data into the existing 3D seismic coverage over the A-1 field
 - On the basis of the above, select a location for the next appraisal well
 - Commence engineering studies
 - + Facilities
 - + Pipeline to Cyprus
 - Begin working on a computerized reservoir model (will be updated with data from appraisal well(s))
 - In parallel with the foregoing, proceed with dialogue with the GOC with regard to developing an LNG export project.

Potential Pipeline Route from Block 12



This slide shows the trace of a possible gas pipeline route from Block 12 to the south coast of Cyprus at the Vasilikos industrial complex.

The water depths between Block 12 and the coast of Cyprus make the laying of a pipeline challenging but feasible.

Benefits of a Major Gas Project

- Secure and significantly lower cost energy for the domestic market
- Clean energy for domestic power generation
- Significant revenue for the Government of Cyprus over a long period of time
- Largest inward investment in Cyprus history – over \$10 billion (field development, pipeline, LNG terminal)
- Material economic benefits from spin-off businesses (e.g. catering, hotels, etc.)
- Potential new energy hub in the Mediterranean
- Foundation for other natural gas-based industries (e.g. home use, automotive)
- Significant employment during construction phase
- Long-term employment for highly-skilled operators
- Industry-specific training and education for Cypriot workforce

To conclude, it would be good to review the benefits of a major gas project. Such a project could be either be in Block 12, and/or gas imported from the Leviathan field in Israel, subject to a government-to-government agreement.

- Natural gas would provide secure and significantly lower-cost energy for the domestic Cypriot market
- Gas would also provide clean energy for domestic power generation
- Such a project would result in significant revenue for the Republic of Cyprus for a long time, maybe several decades
- This would be the largest inward investment in the history of Cyprus, more than 10 billion US dollars for field development, pipeline to the coast of Cyprus, and LNG terminal
- Additional benefits would accrue from spin-off businesses, such as catering, hotels, and the like
- The construction of an LNG plant would result in a new energy hub in Cyprus, making the island a key location on the Mediterranean energy map
- The gas project would be a foundation for other natural gas-based industries, such as home use, automotive applications, and other uses

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THANK YOU FOR YOUR ATTENTION!



Thank you very much for your attention!