

#### **Cue Energy Resources Limited**

A.B.N. 45 066 383 971

#### 9 August 2012

#### PAGES (including this page): 19

Company Announcements Office 10th Floor 20 Bond Street Sydney NSW 2000

#### **Maari Presentation**

Cue Energy Resources Limited is pleased to provide the attached presentation which was delivered by Carey Mills, Senior Production Geologist, OMV New Zealand, at the NZ Oil & Gas Conference in New Plymouth on 8th August 2012.

The presentation outlines the conceptual plan for Phase 2 development of the Maari and Manaia fields in 2013. Cue has a 5% working interest in the project.

The plan and timing is subject to FID by the Joint Venture Partners and rig availability.

Yours faithfully

Andrew M Knox Public Officer

#### **CUE ENERGY OVERVIEW**

Cue is an Australian based oil & gas company with projects in Australia, New Zealand, Indonesia and PNG.

#### THE COMPANY HAS:

- Long life production
- A strong balance sheet
- An active exploration program

#### **CUE ENERGY DIRECTORS**

- Richard Tweedie (Chairman)
- Timothy Dibb
- Geoffrey King
- Steve Koroknay
- Paul Moore
- Leon Musca
- Andrew Young

#### **CUE ENERGY MANAGEMENT**

- Mark Paton (CEO)
- Andrew Knox (CFO)
- David Whittam (Exp Man)
- Alex Parks (CCO)

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#### LISTINGS

ASX: CUE
NZX: CUE
POMSOX: CUE
ADR/OTCQX: CUEYY

OMV Exploration & Production

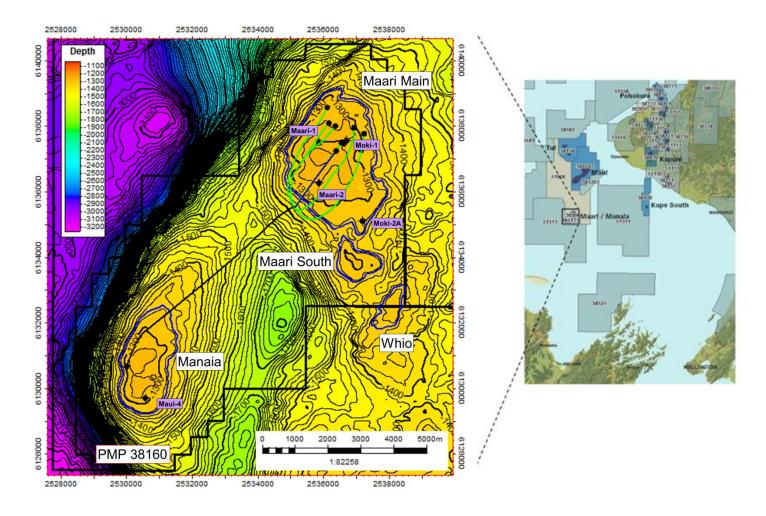
# **Maari Development**NZ Oil & Gas Conference

8<sup>th</sup> August 2012



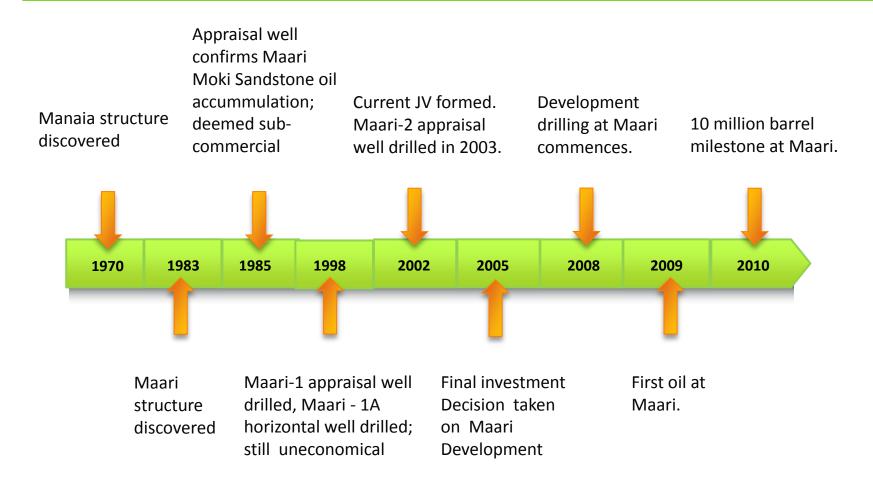
### **Maari – Location**





The Maari Field is located in exploration permit PMP38160 in the offshore Taranaki Basin, New Zealand, approximately 35km south of the giant Maui gas field and 70km south-west of Opunaki.

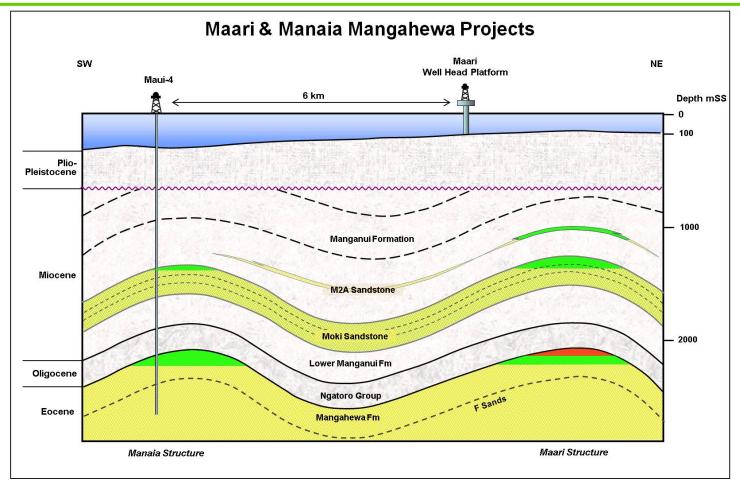




# Maari – Exploration and Appraisal History

### **Maari – Reservoir Intervals**



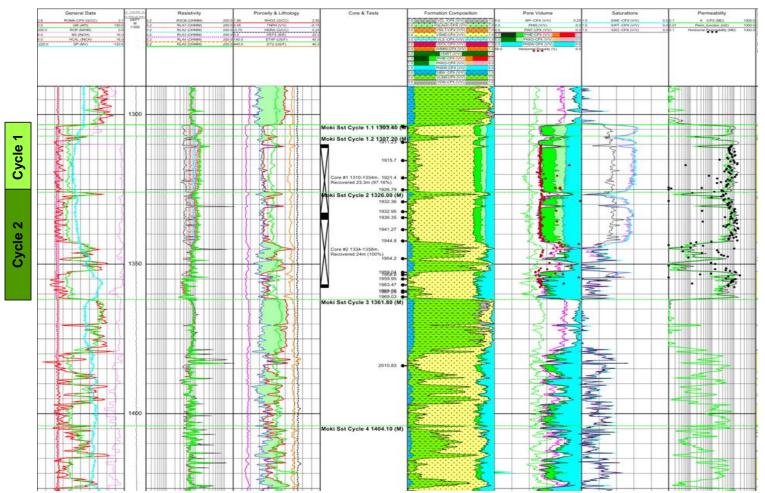


- Oil & Gas are recognised in a combination of three clastic reservoirs in two (maybe three) structures:
  - Miocene aged M2A Sands (oil)
  - Miocene aged Moki Formation (oil),
  - Eocene aged Mangahewa Formation (oil & gas)

### Maari – Moki Reservoir



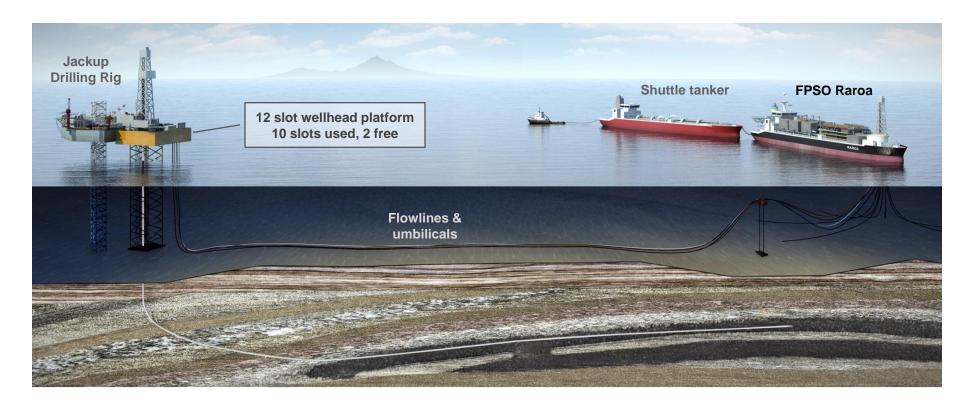




- Horizontal producers target the Cycle 1
   Sandstone with the exception of MR2
   Lower Lateral that targets the Cycle 2
   Sandstone in a crestal location.
- Deviated water injectors are open hole completed in the Cycle 2 Sandstone with perforations added above the Intra Moki Shale in Cycle 1

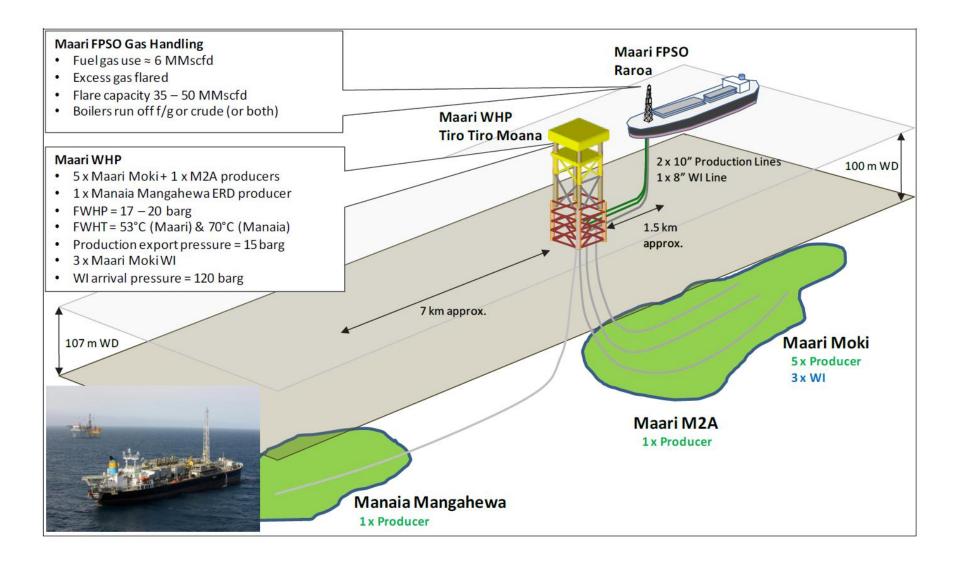
### **Installed Infrastructure**





### **Maari – Current Facilities**



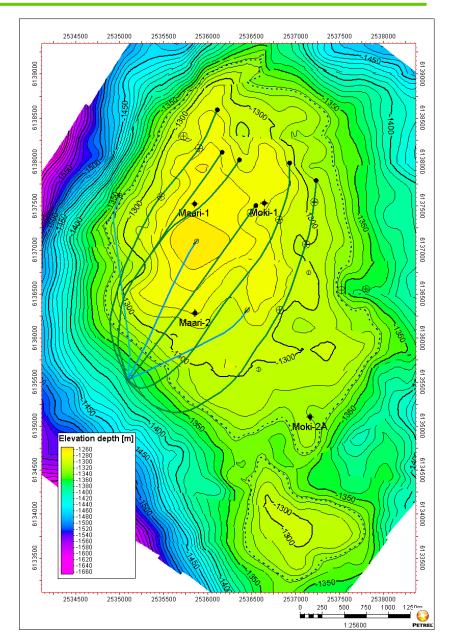


### Maari – Moki Development



#### **Maari Structure**

- Moki Sandstone (~1300mTVD)
  - Six horizontal oil producers including one dual lateral well giving ~11,000m horizontal section.
  - Three deviated water injector wells

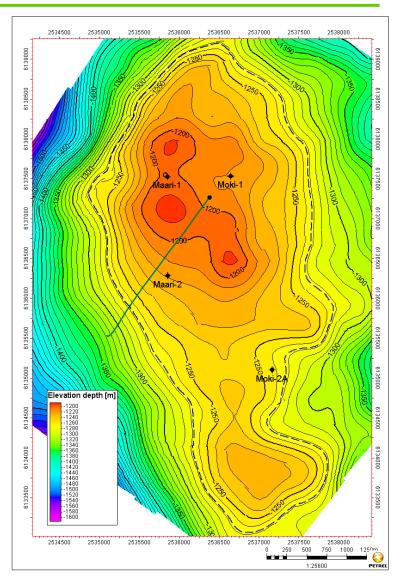


### **Maari – M2A Development**



#### **Maari Structure**

- M2A Sandstone (~1230mTVD)
  - One horizontal oil producer with ~1,200m horizontal section

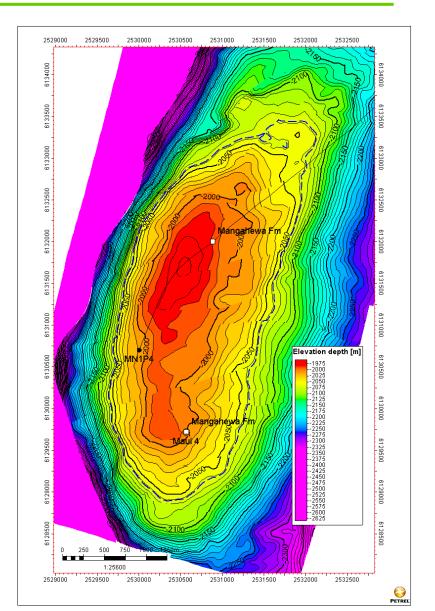


### Manaia – Mangahewa Development



#### **Manaia Structure**

- Mangahewa Formation (~2000mTVD)
  - One extended reach horizontal oil producer with ~1500m horizontal section.
  - Longest ERD well drilled in New Zealand at 7934mAH



## **Growth Projects**



The goal -- increase production rates and extend the productive life of Maari

### **Appraisal**

3D seismic acquired this year at Maari, currently being processed

Manaia appraisal drilling

### **Development**

New field development of the Mangaewa formation

Sidetrack – ERD oil producer targeting with M2A or Moki

### Redevelopment

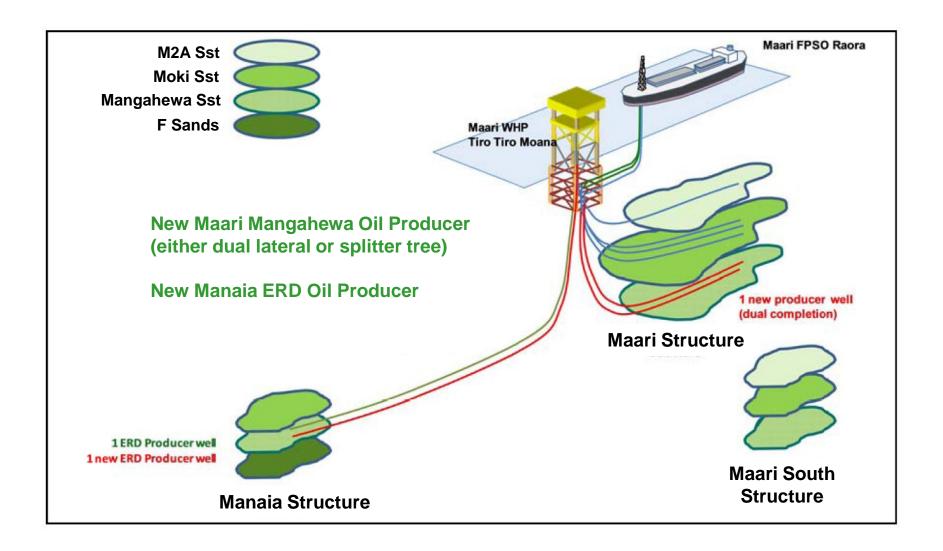
Additional ERD producer targeting Managewa

Maari water injection phase II

Infill side trace well targeting Moki Cycle 2 Sandstone

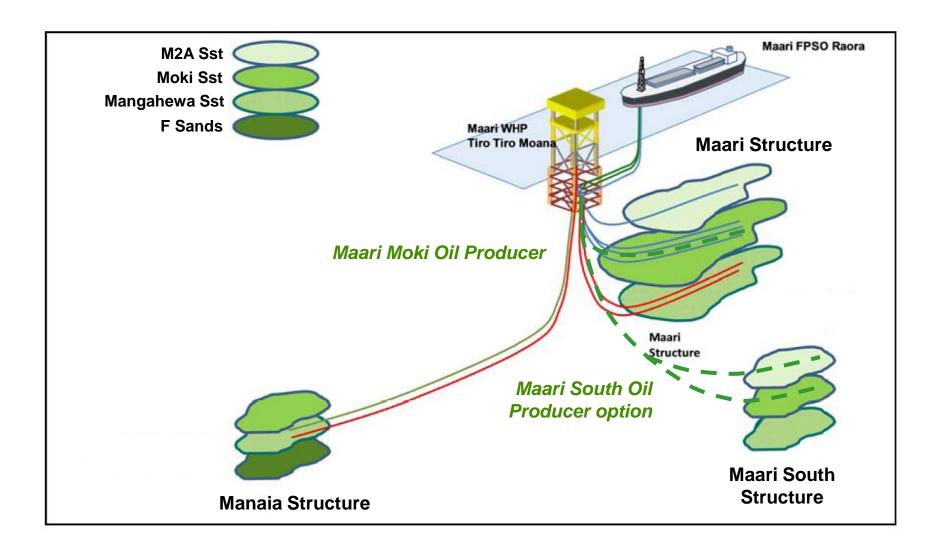
# Maari – Growth Projects – Package 1





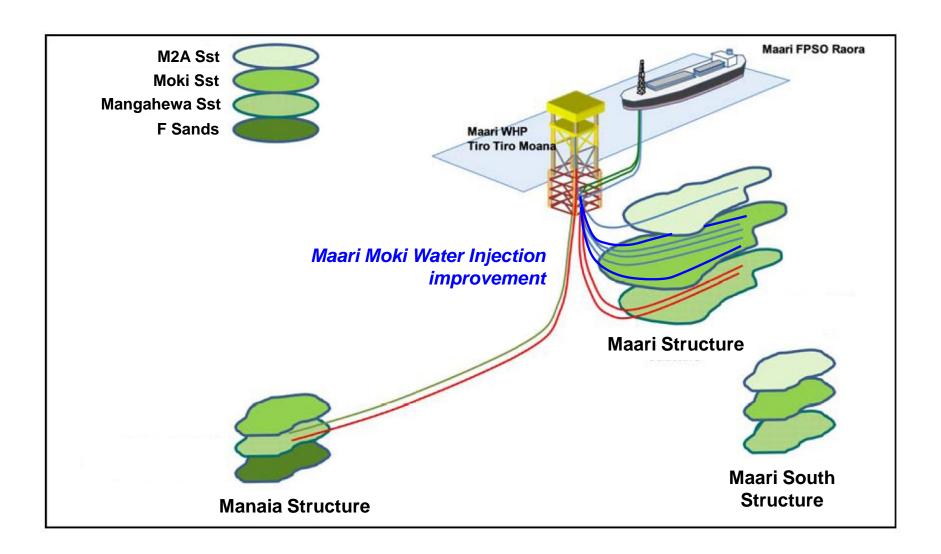
# **Maari – Growth Projects – Side tracks**





# Maari – Growth Projects – Water Injection

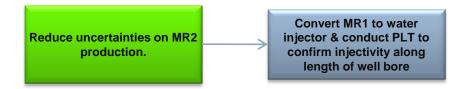




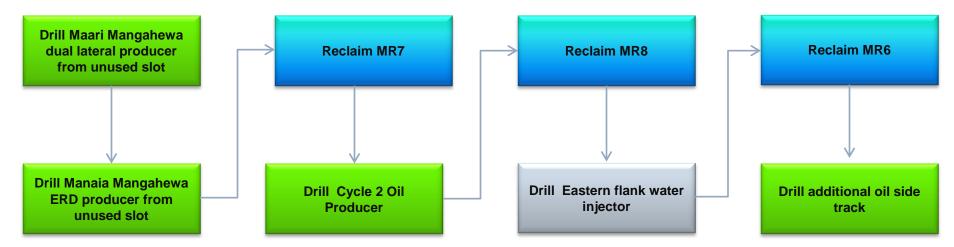
# Maari – Drilling Workflow



#### **Work-over Rig Programme**

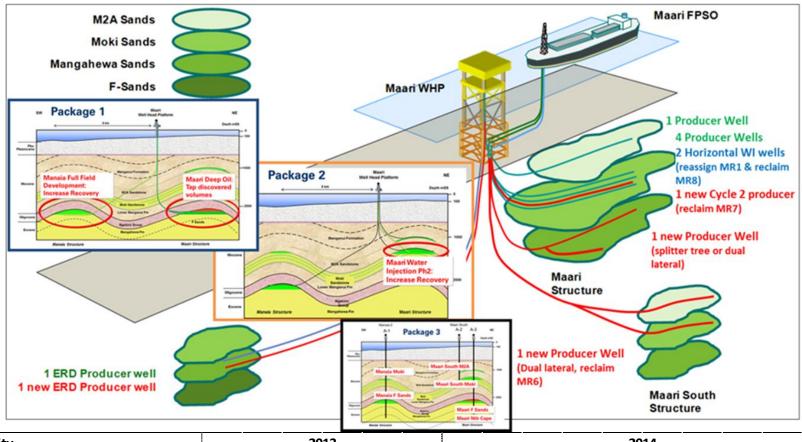


#### **Jackup Rig Programme**



# **Maari – Growth Projects Timeline**





Activity	2013						2014									
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Appraisal/exploration drilling																
Rig Move																
Maari Mangahewa																
Manaia Mangahewa																
Moki Cycle 2 Producer																
New water injector																
Additional Maari side track producer																

## **Maari – Looking Forward**



Maari has produced some 19 MM barrels of oil so far.



- We want to build on the pioneering Maari development by
  - appraising possible pools
  - developing new pools
  - infilling existing pools and
  - improving the Maari Moki water flood.









