

Recent Exploration Activity in New Zealand



**Mike Selvadurai
Chairman, PEANZ**

Christchurch Petroleum Conference, 2000

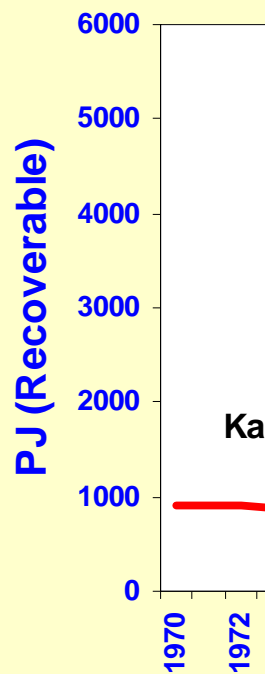


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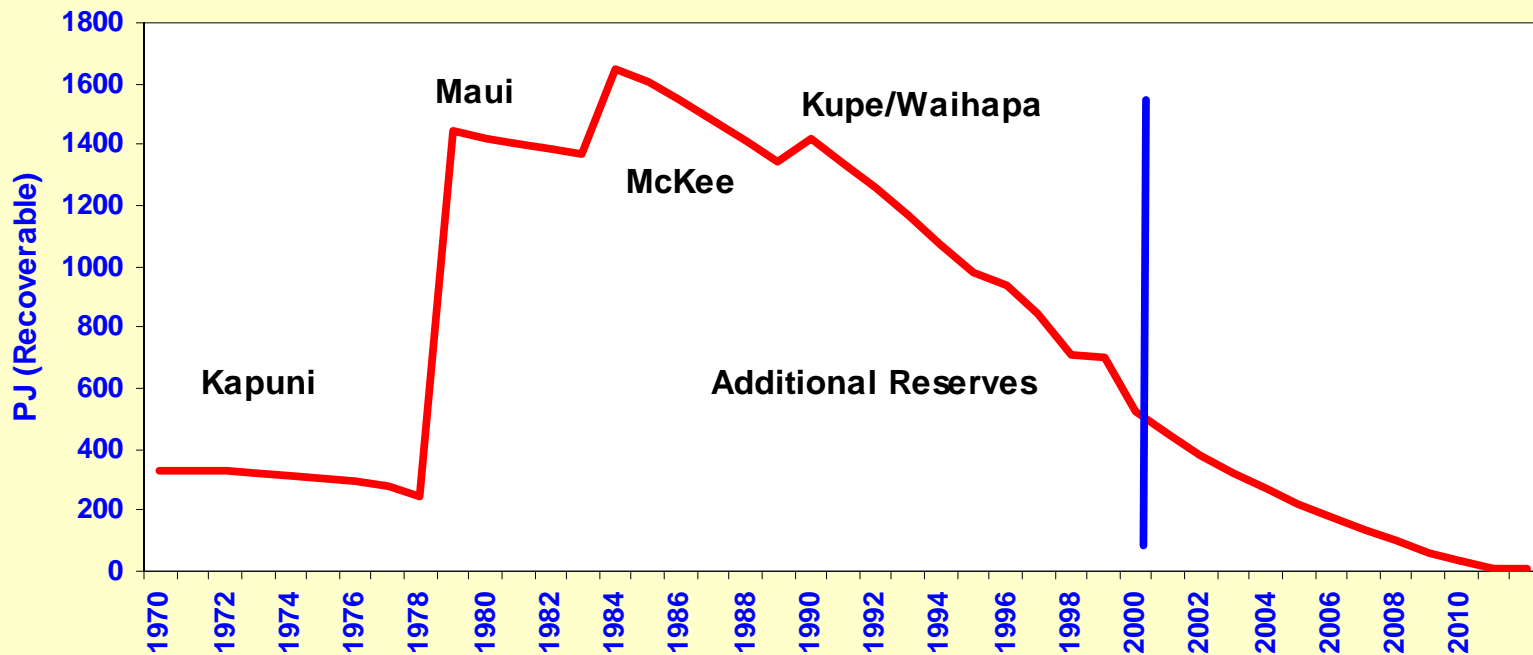
- **Energy Scene**
 - Supply & Demand
 - Primary energy supply gap
 - Issues
- **Exploration activity since 1998**
 - Taranaki
 - East Coast
 - Northland
 - South Island

Reserves

Historical & Forecast NZ Gas Reserves



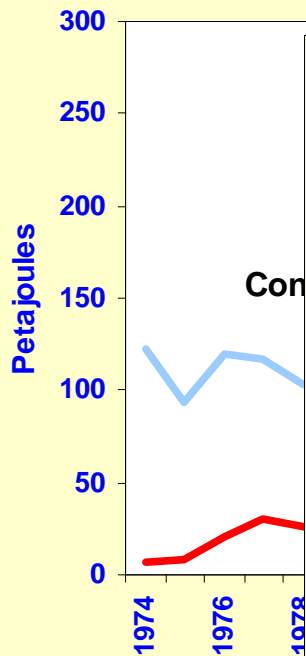
Historical & Forecast NZ Oil/Condensate Reserves



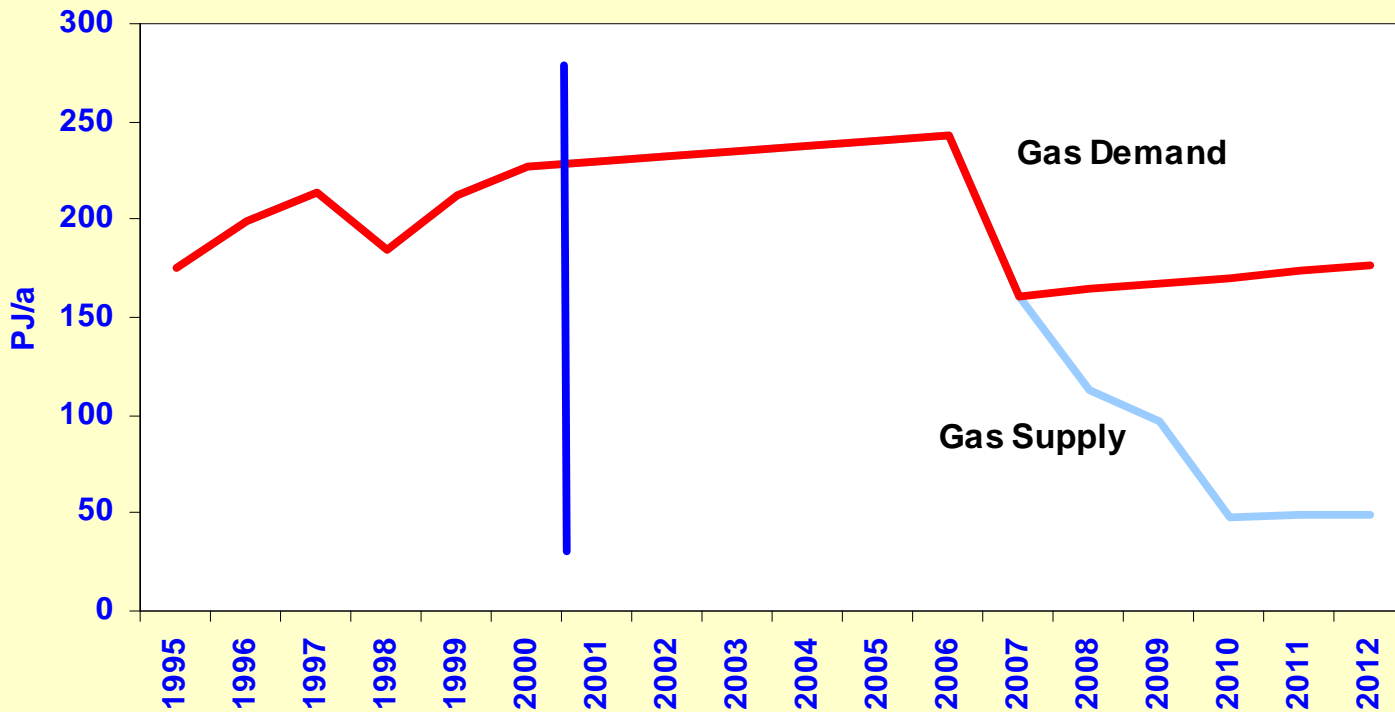
Source: MOC Energy Data File/

Production v Consumption

NZ Production v Consumption (Crude Oil/Condensate)

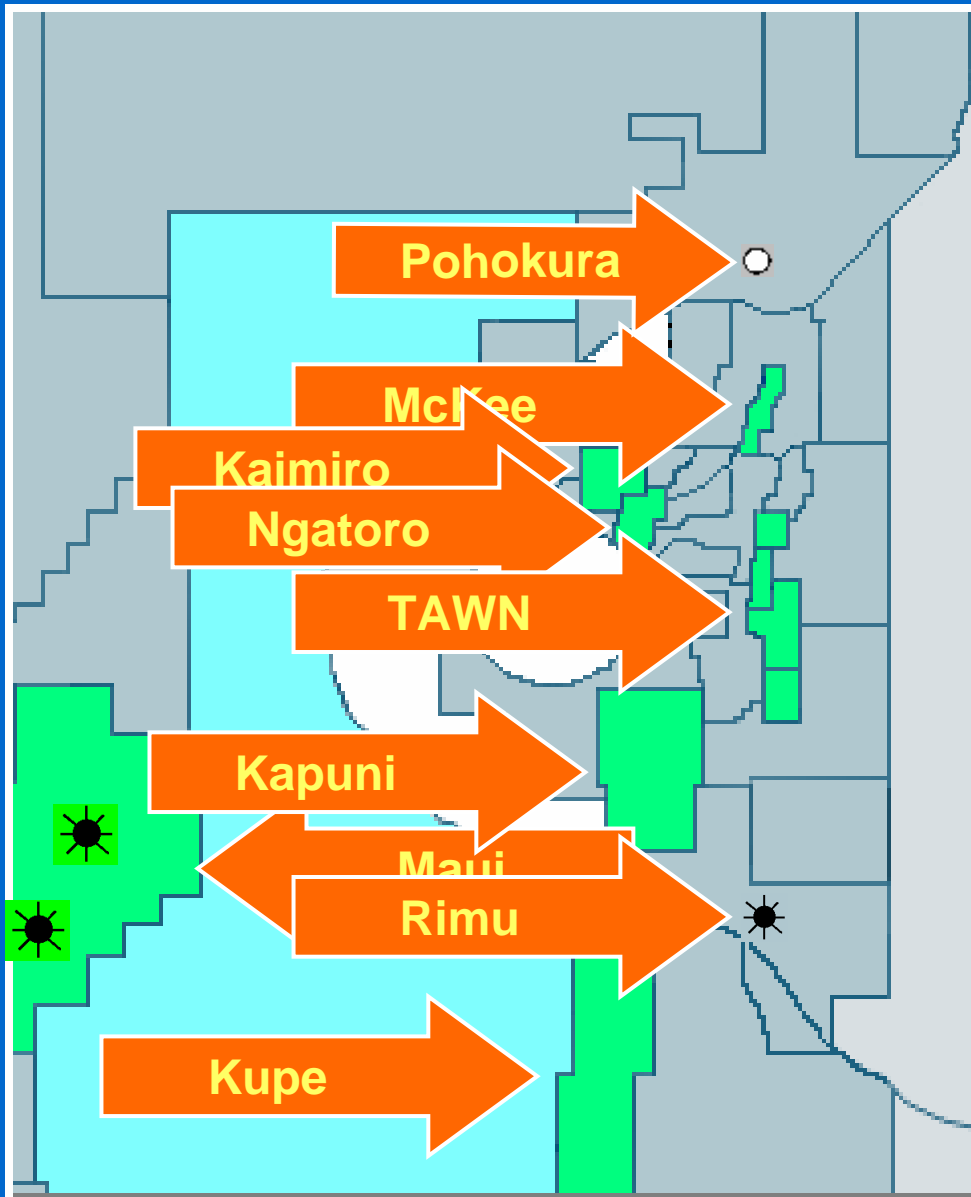


Forecast Gas Demand & Supply in New Zealand



Source: MOC Energy Data File/

Production



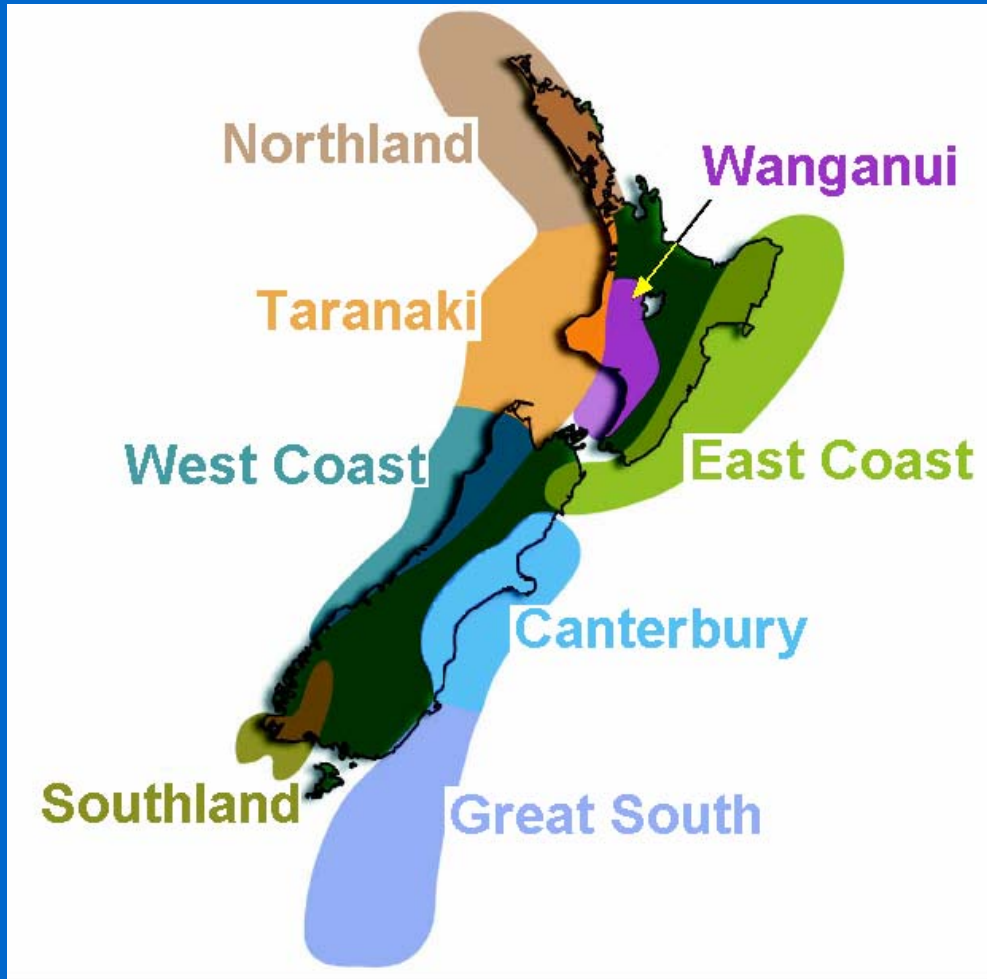
- 6 producing fields
- 1 field suspended (Kupe)
- 1 new discovery
(possibly 2...)



Issues

- **Resource Management Act**
- **Crown Minerals Programme**
- **Partnership with Government**

New Zealand Summary



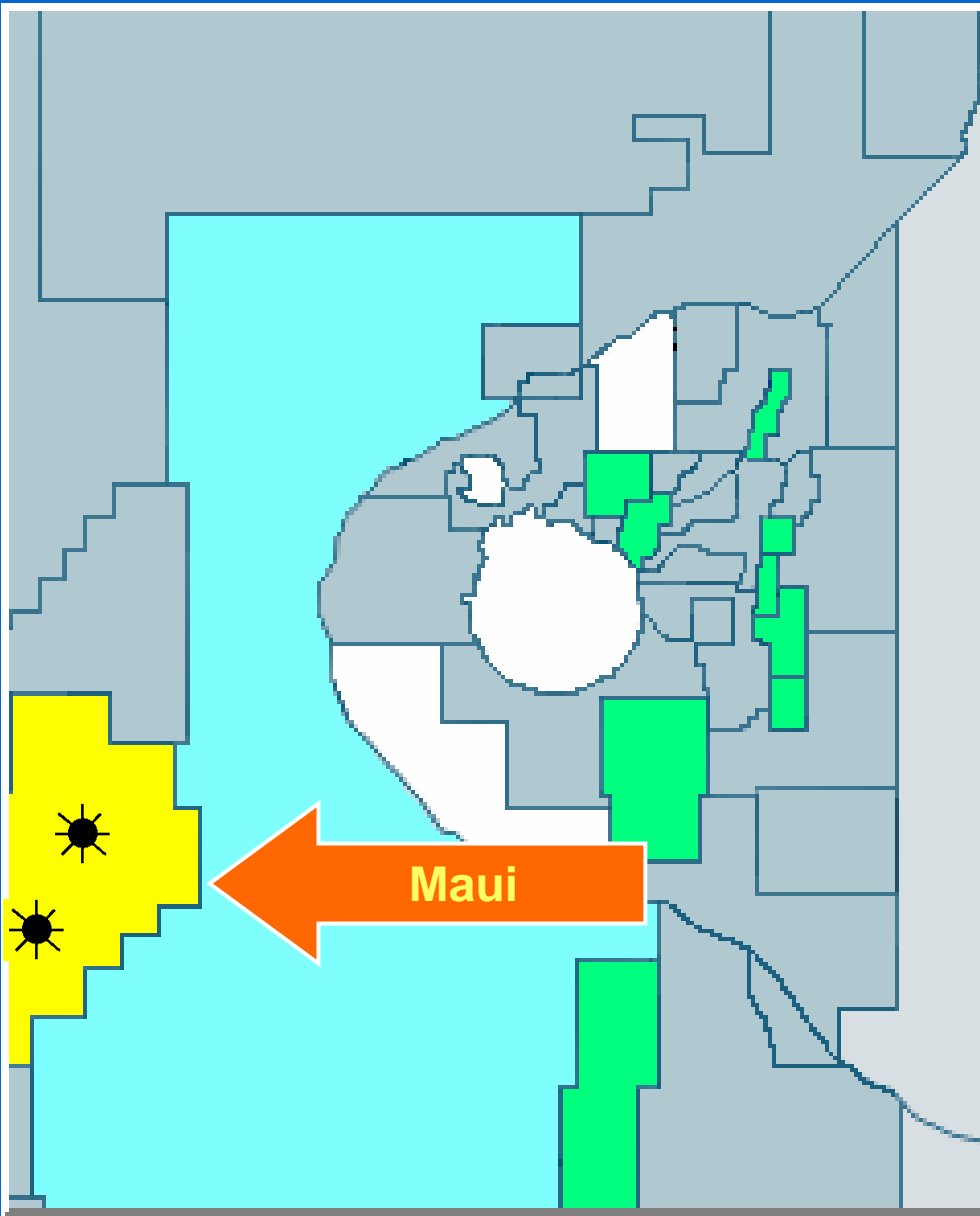
- 7 mining licences
- 50 prospecting licences
- ~480,000 km²
- 1 discovery in 1999
- and possibly 1 in 2000

Maui Field

Petrocorp Offshore, Fletcher,
Shell, Todd, STOS*

Maui

1993: F Sands discovery
ERR: 20 MM bbl via FPSO
1999: D Sands programme
Maui B
Prodⁿ: 2nd quarter, 2000



PEP 38413

Shell, OMV, Todd, STOS*

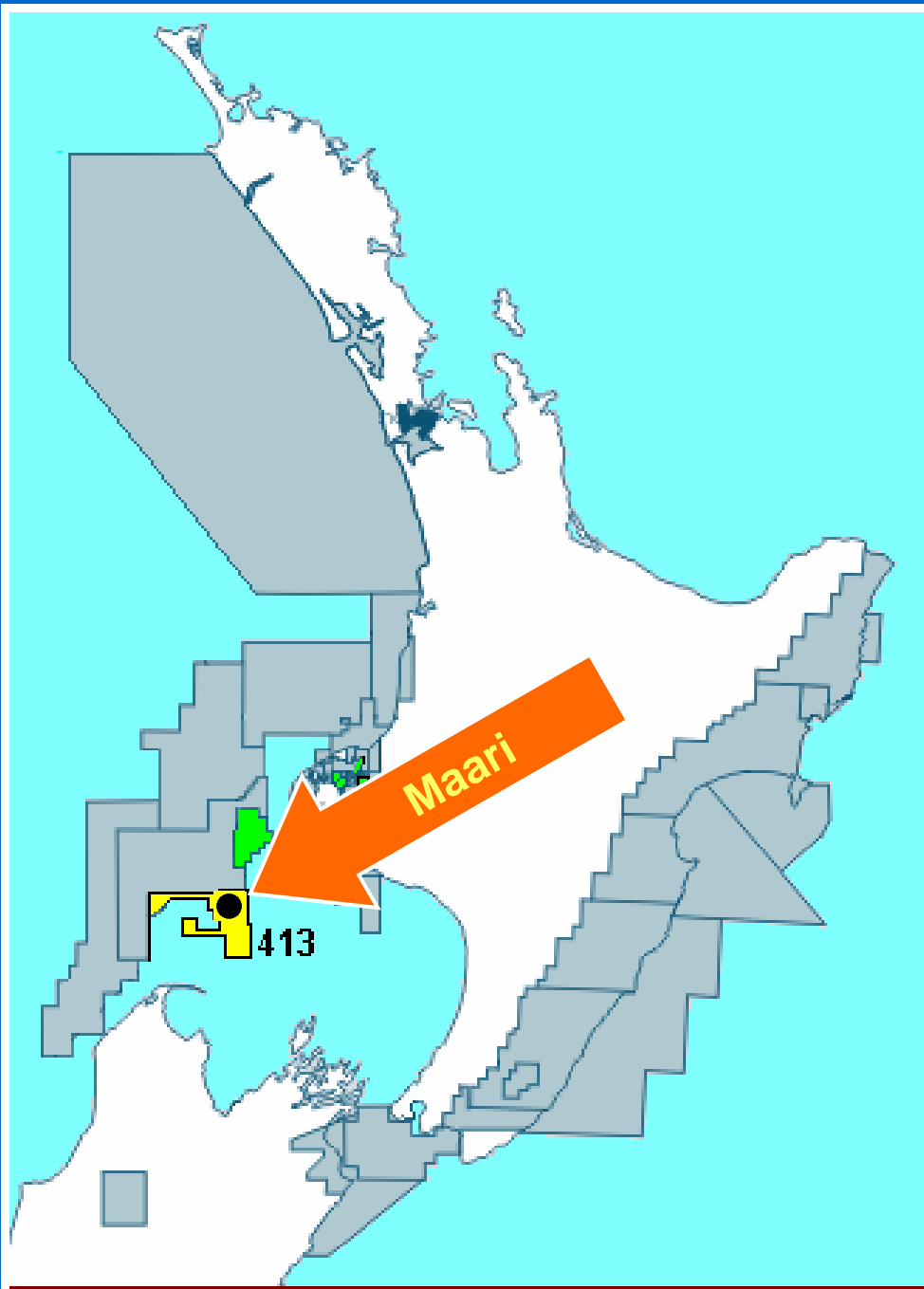
Maari

Location: 800m W of Moki-1,
40km S of Maui B

EFR: 35,000 BOPD

ERR: 46 million bbls

Zones: Moki (Miocene)
Kapuni (Eocene)



PEP 38719

Swift*, Marabella, Antrim

Rimu

Spud: July 1999

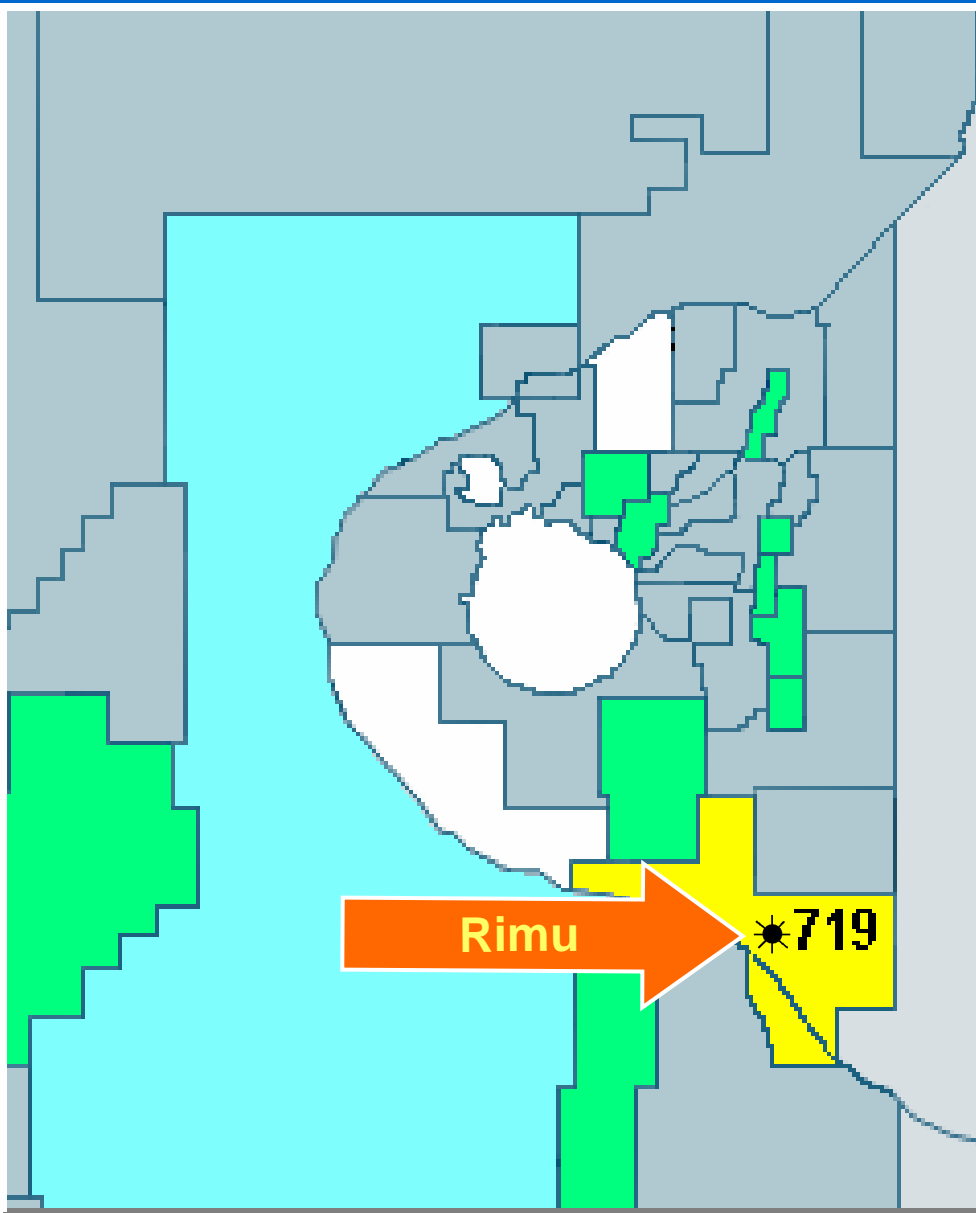
TD: 4,600m

Target: Tikorangi (Oligocene)
Kapuni (Eocene)

EFR: 2,115 BOPD,
6.0 MMCFPD

FTHP: 1,856 psi

Test: Total 120 hrs, 80 on
18/64" choke; 40 on
17/64" choke



PEP 38459

Fletcher*, Preussag,
Shell, Todd

Pohokura

Spud: 5 February 00

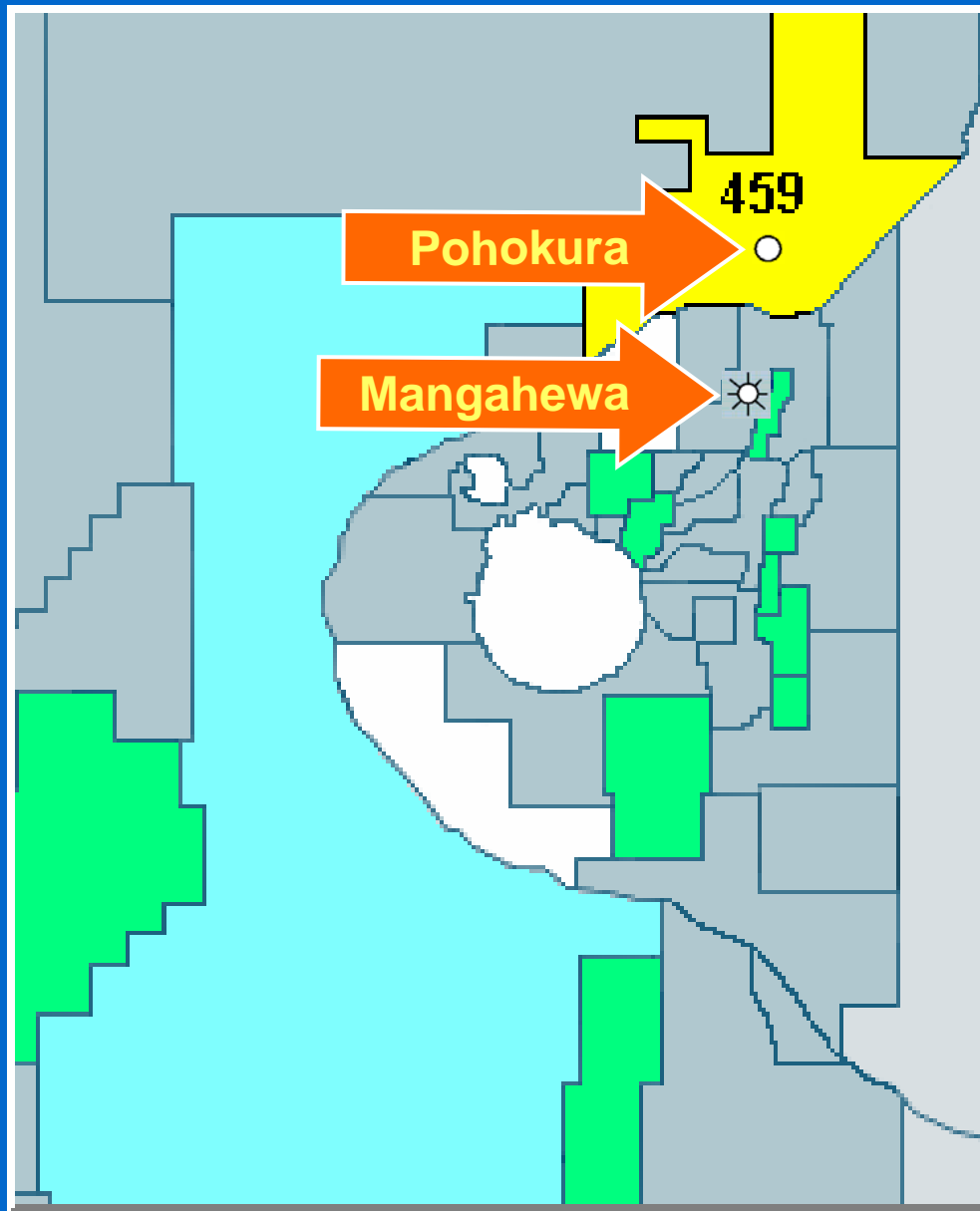
Locⁿ: 4.3 km offshore

TD: 4,300 m

7/3/00: 3,784 m; logging

ERR: 430 BCF

Horizon: Kapuni (Eocene) D
and F sands

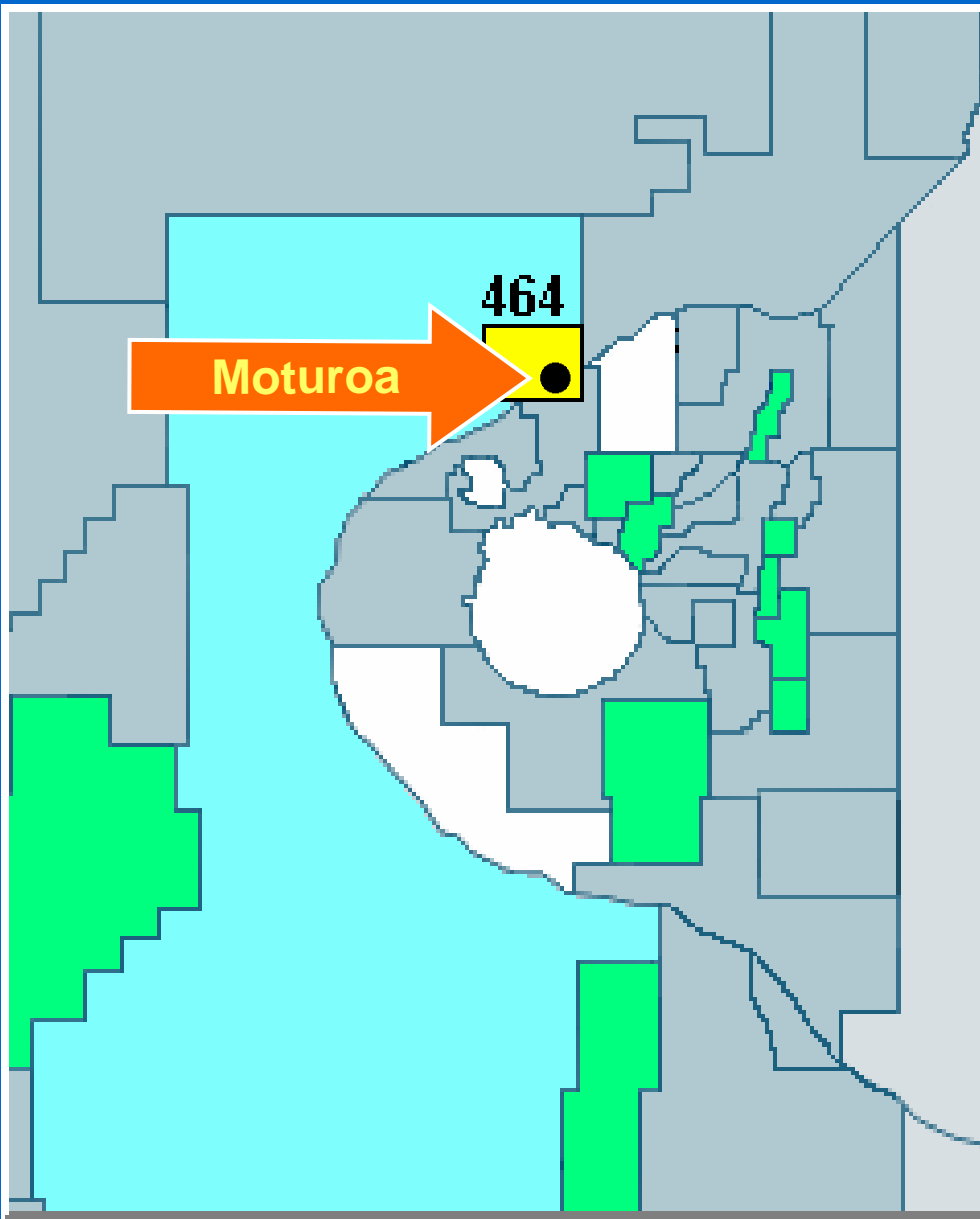


PEP 38464

Antrim, GeoSphere*, Re-Source Exp., Ngati Te Whiti Hapu Trust

Moturoa

Programme: Re-entry Feb 00
(Republic - 4)



PEP 38602

Conoco*, Inpex, Todd

Wakanui

Spud: April 99

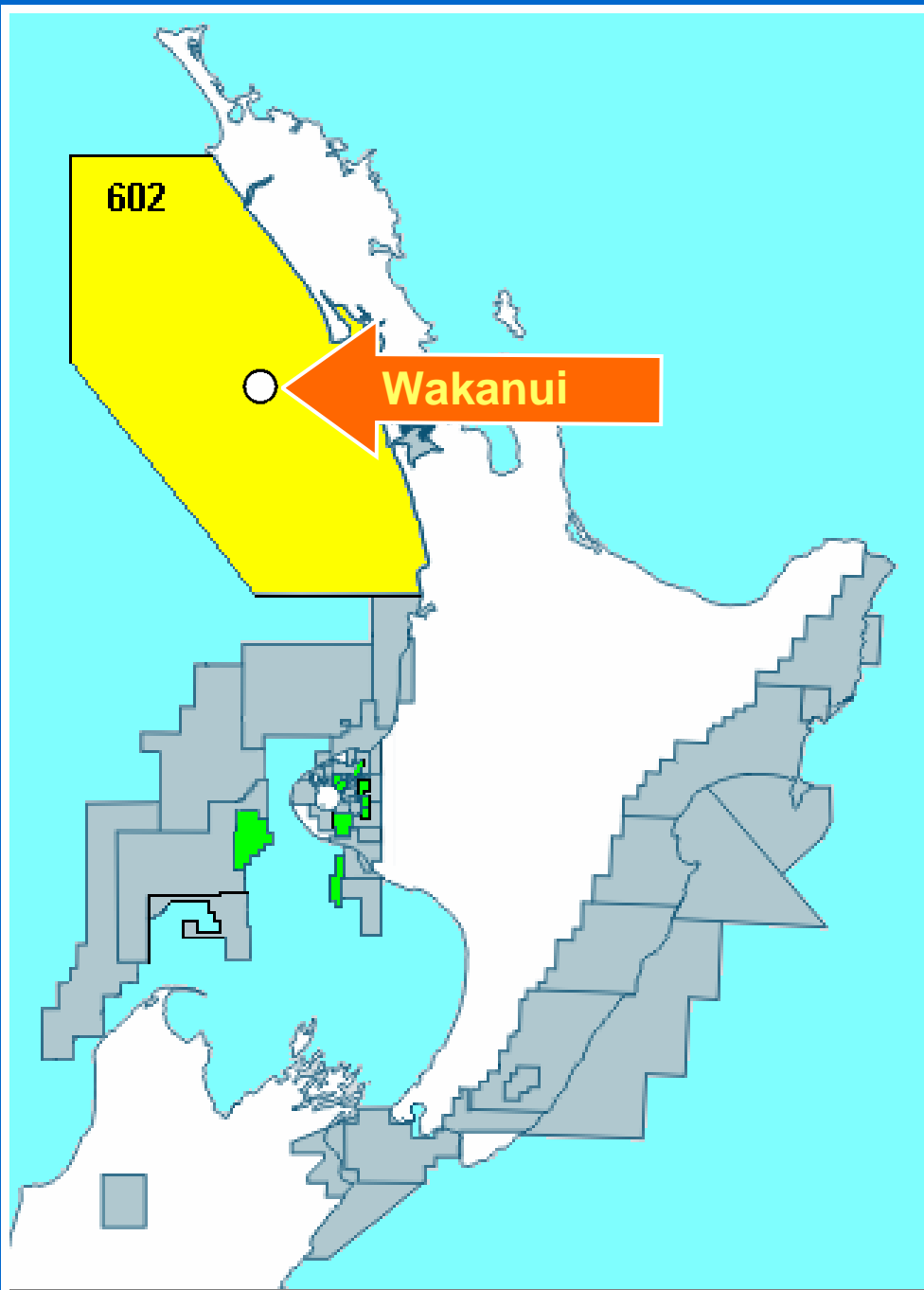
TD: June 99

Locⁿ: 8km offshore

WD: 1,460 m

Ship: *Deepwater Frontier*

Results: P & A'd



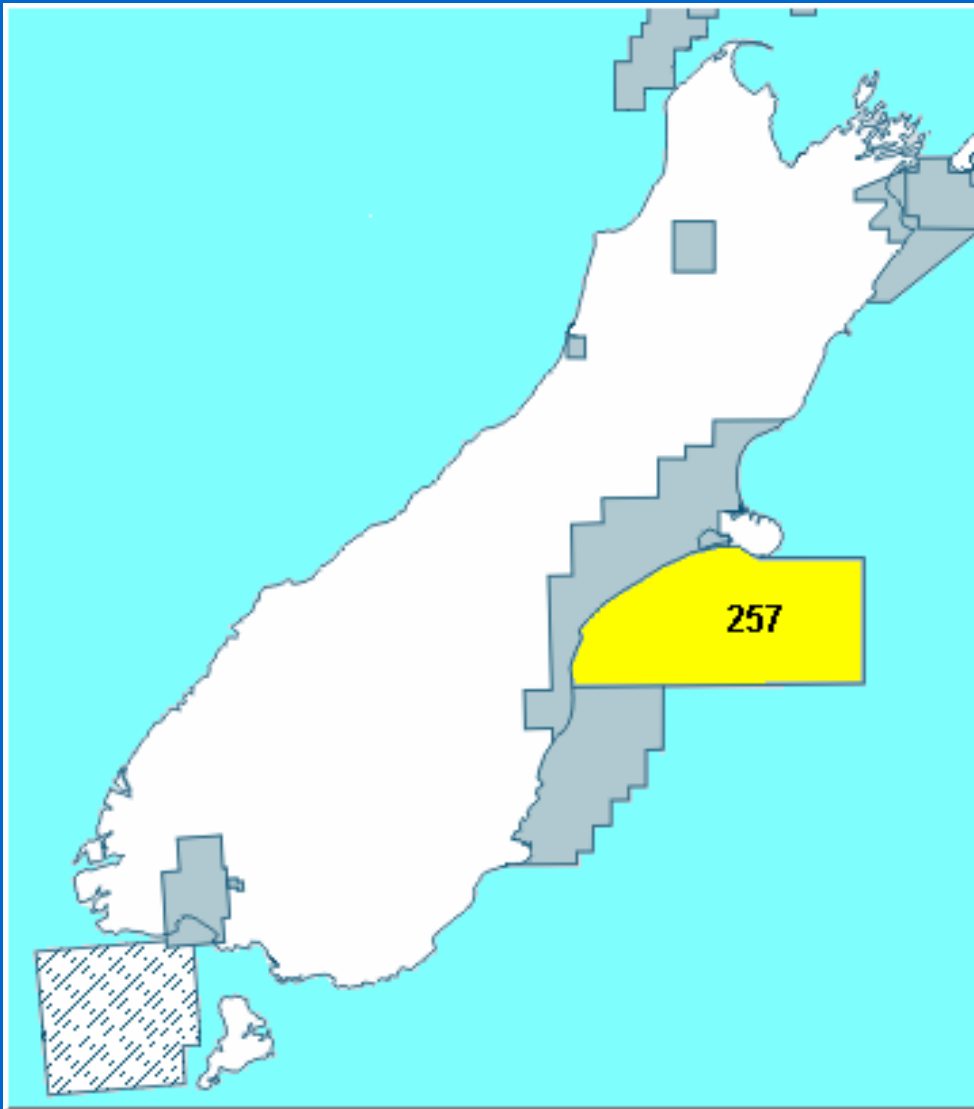
PEP 38257

Anschutz* (USA)

Summary

Area: ca. 18,000 km²

Acquired: Feb 2000



Good Luck!!!

