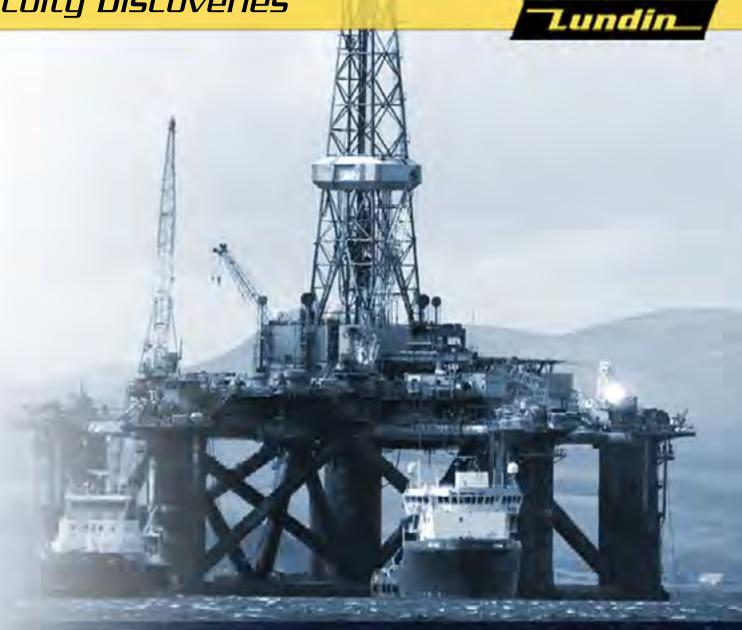
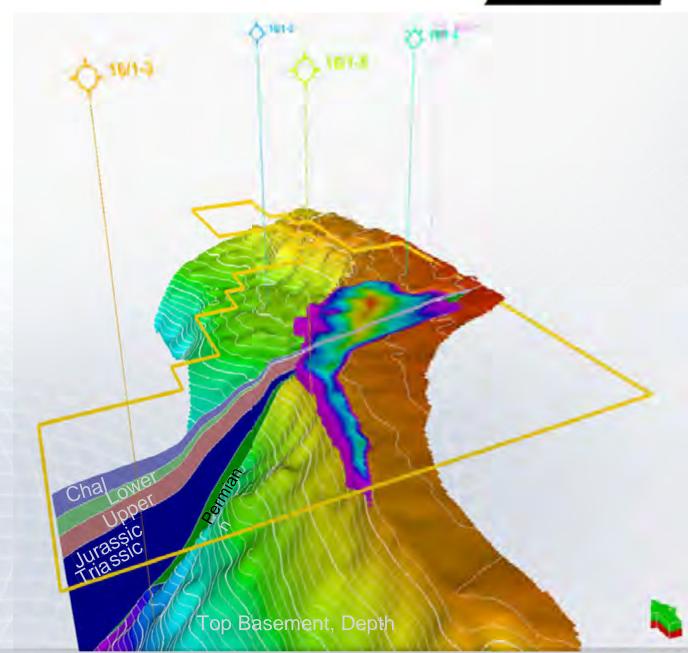
# Luno and Scolty Discoveries



North Sea Exploration & Undeveloped Discoveries
Oslo, 11 December 2007

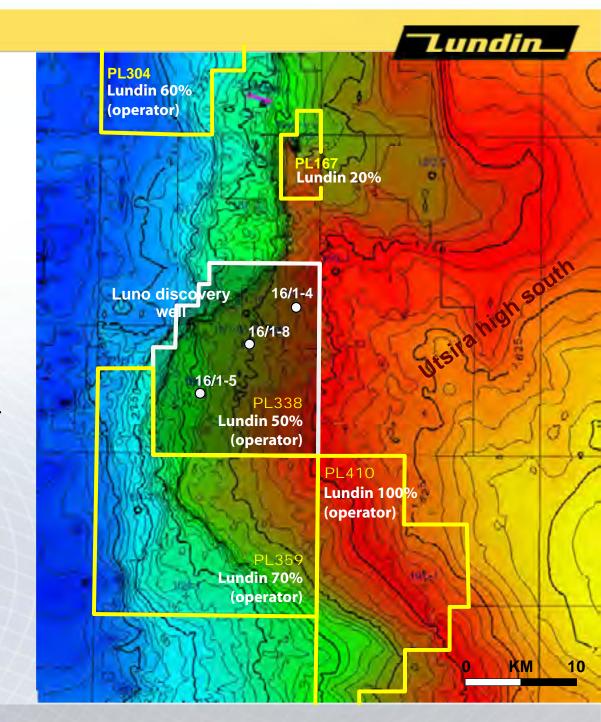
# Luno Dicovery - PL338





### Norway - Luno

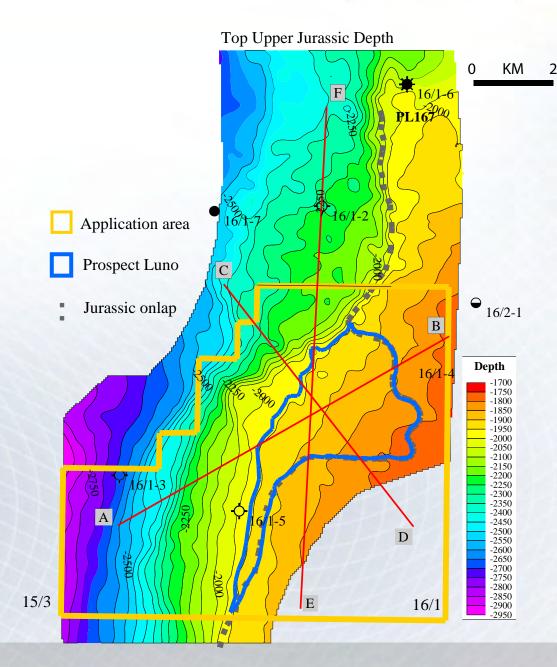
- **■** Luno light oil discovery in PL338
  - → new play concept in Norway
  - → Estimated recoverable reserves 65 MMboe to 190 MMboe
- Largest oil discovery in Norwegian North Sea in last 10 years
- Discovery well 16/1-8
  - → discovered oil in Jurassic reservoir with Triassic reservoir below oil/water contact
- Additional potential upside reserves in Triassic reservoir



## PL338 - Luno Prospect

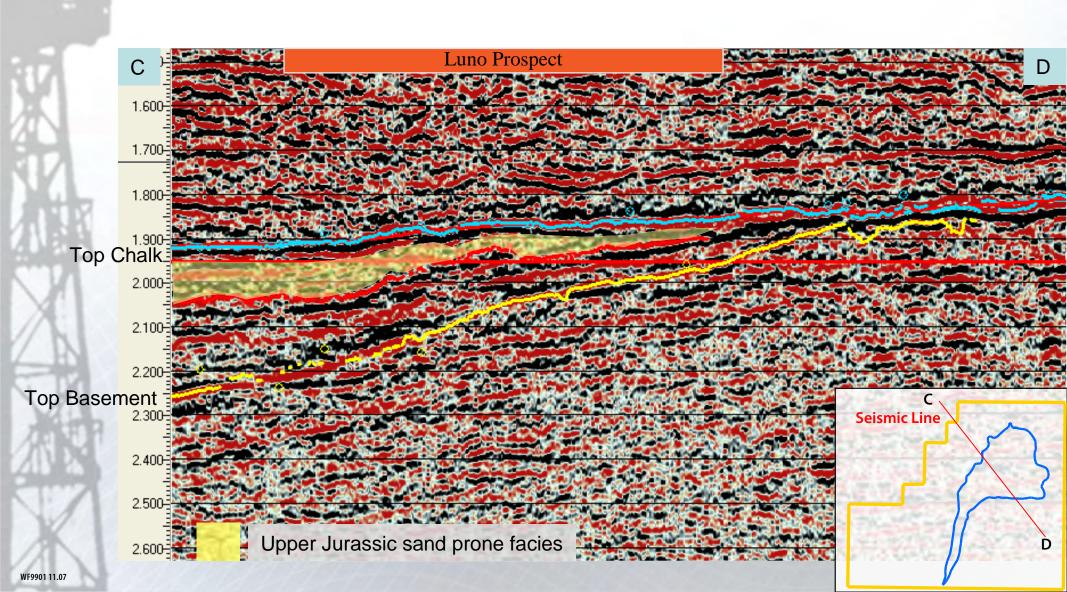


Reservoir 0.6
Trap: 0.9
Migration: 0.8
Seal: 0.9
P-discovery: 0.388



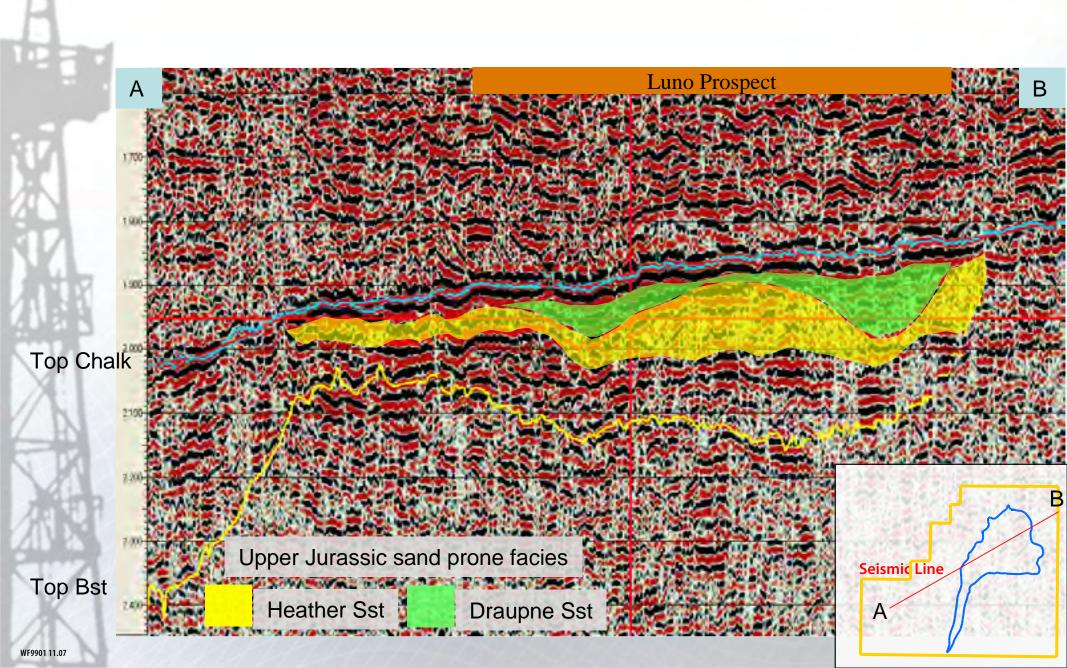
## Luno prospect dip line

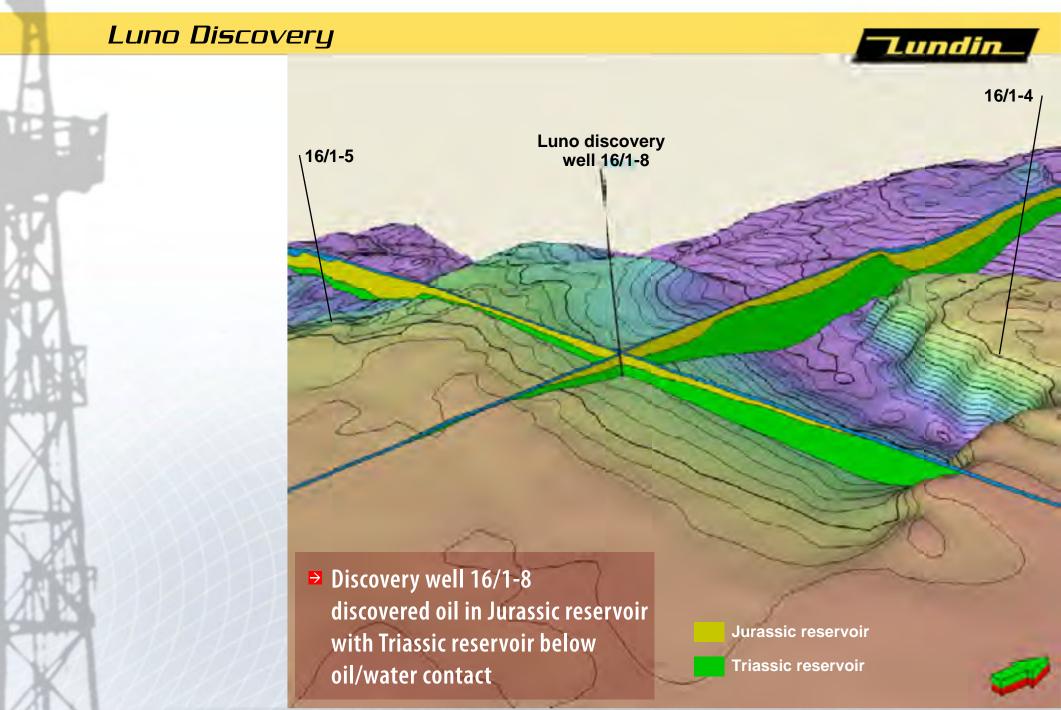




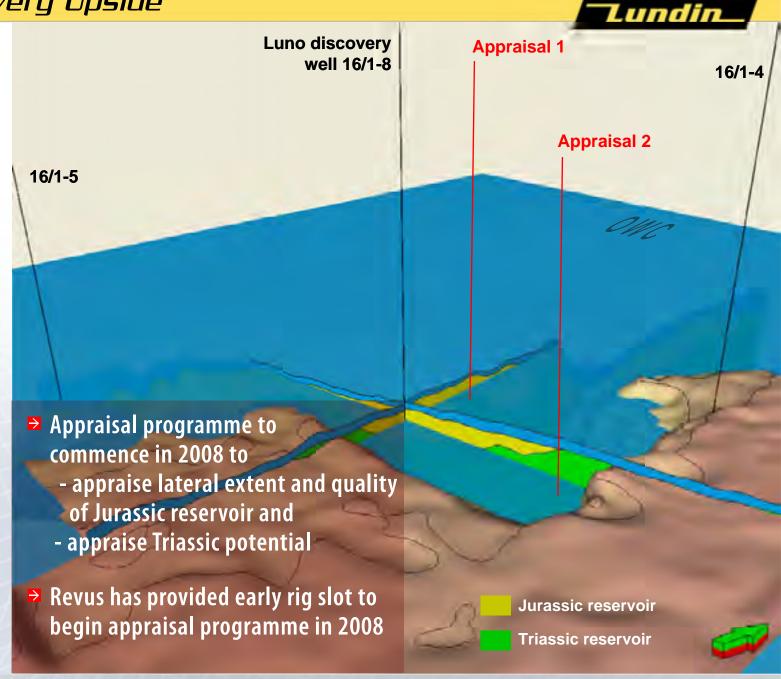
## Luno prospect Strike line





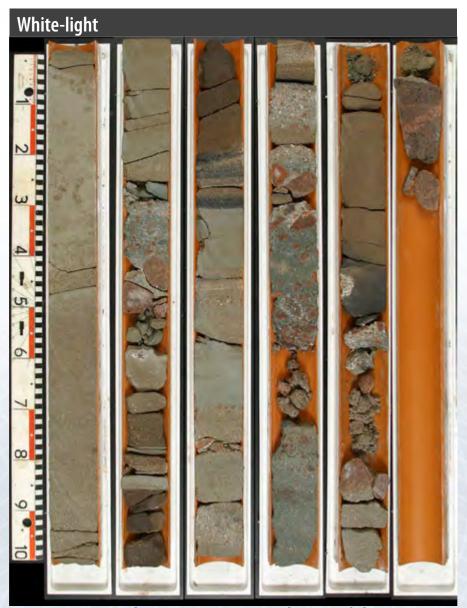


### Luno Discovery Upside



### Cores from the Luno well





Luno reservoir with 20-30% porosity and permeability upto 2,5 D.



Yellow fluoresence under black-light is evidence of hydrocarbon presence

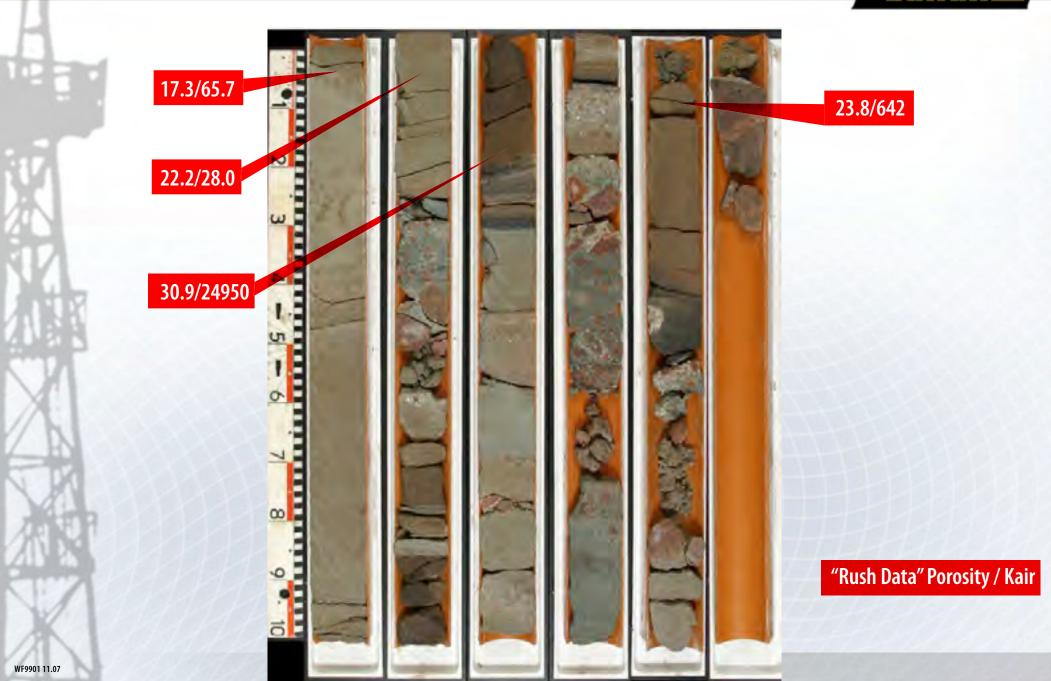
## The Proof – First Oil from "LUNO"





## The Proof – First Oil from "LUNO"





## Well 16/1-8 core 1 details:

**Debris flow** 



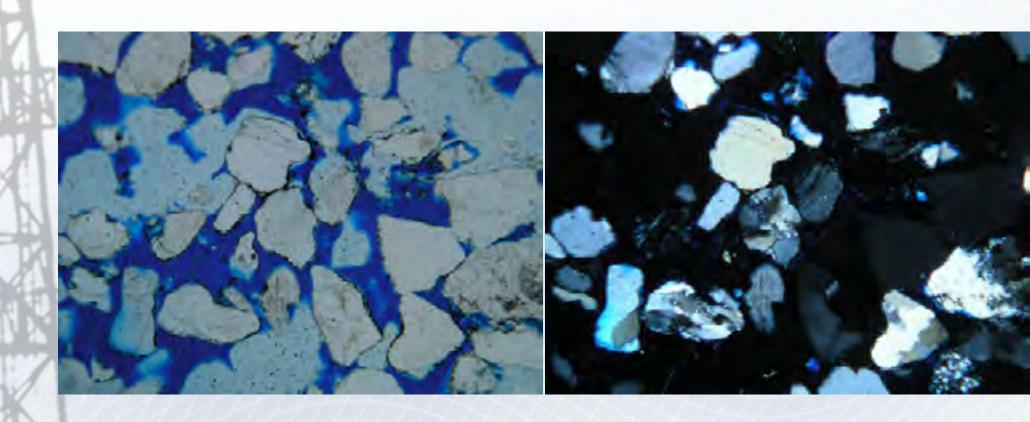
**Channel Sands** 

**Channel Sands** 



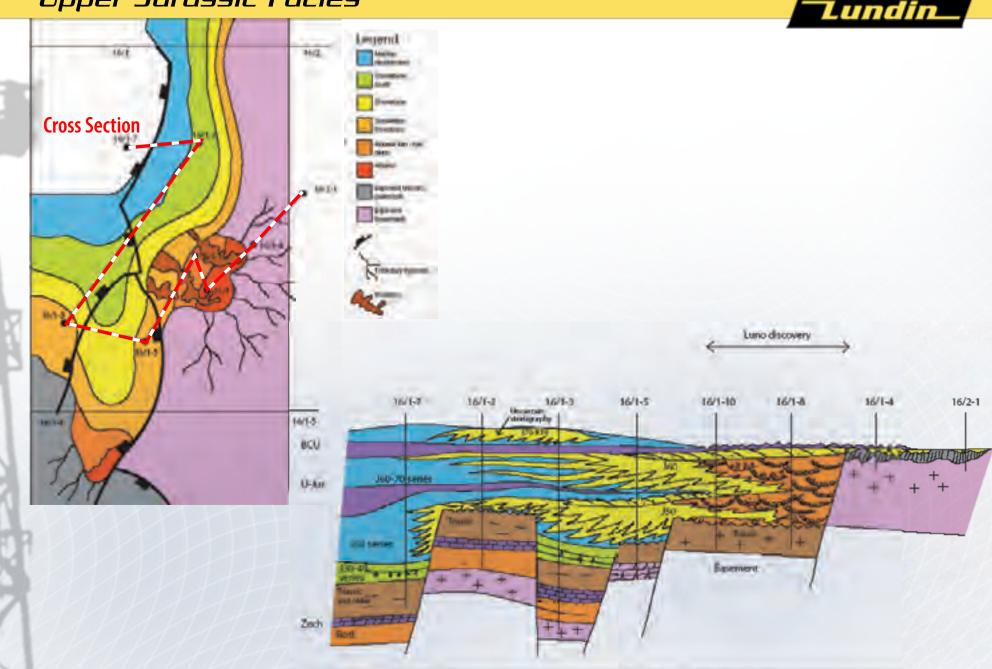
# Thin section of porous sandstone reservoir





## Upper Jurassic Facies





### Luno forward plans



- **▶** Drill and test delineation well16/1-10 Q2/Q3 2008
- **▶** Drill second delineation well 16/1-11 and test 16/1-8 in 2008/9
- **Decide on commerciality end 2008**
- **▶ Initiate a Plan for Development and Operation in 2009**

### Central North Sea - P1107 & P1109 - Scolty Discovery



**Lundin Petroleum Operator** 

#### Acquired 2006

**► Lundin Petroleum interest: 40% (operator)** 

→ Palace (Revus) 50%

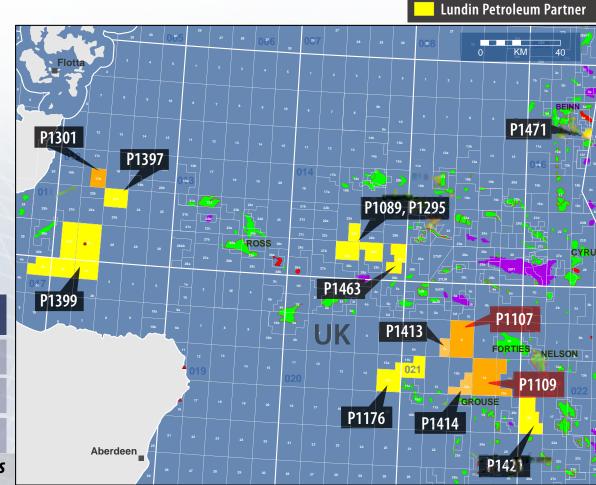
→ Challanger 10%

#### **▶** Work Commitment

- → One well drilled 3Q 2007
  - Scolty prospect: discovery
  - Banchory prospect: dry
- → One exploration well scheduled on Torphins prospect 2008

#### **Prospective Resources**

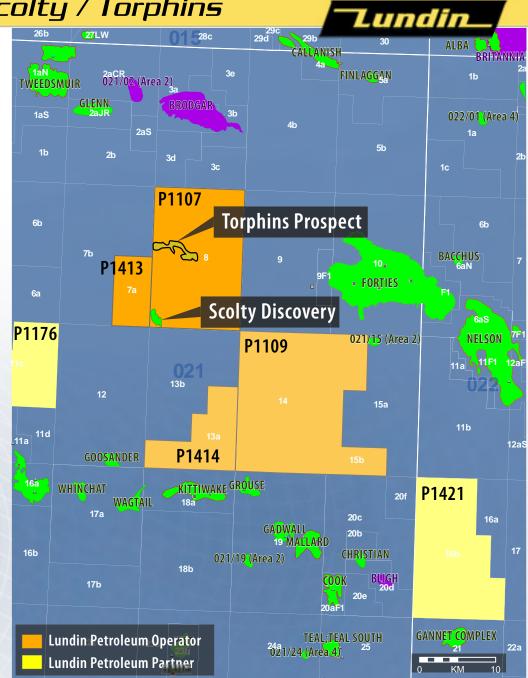
Prospect	*MMB0E	COS %
Scolty	10	Discovery
Torphins	28	60
Belfry	16	15
*Gross Unrisked Prospective Resources		



### Central North Sea - P1107 - Scolty / Torphins

#### Forward Plan

→ Drill one exploration well on the Torphins prospect in 2008



## Central North Sea - P1107 - Torphins



Torphins well proposal, planned for 2008

