



Research analyst meetings May 2019

## **EnQuest**

# A clear strategy with a focused business model

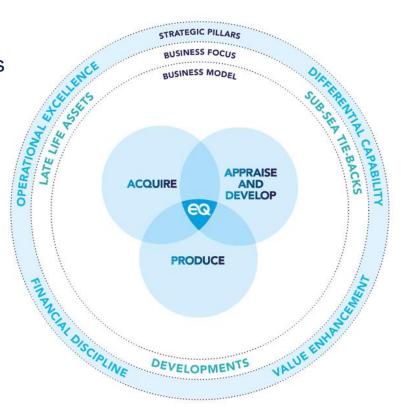


## **Strategic vision**

To be the operator of choice for maturing and underdeveloped hydrocarbon assets

## Focused business model

- A production and development led E&P business
- Utilises EnQuest core strengths
- Strategically aligned
- Value-accretive portfolio opportunities continue to be assessed



# **EnQuest priorities**

# Debt reduction remains the priority





- Production growth
- Cost control
- Capital discipline



- Scheduled amortisation
- Targeting net debt:EBITDA of 1-2x



- Potential for near-field, short-cycle opportunities
- Substantial 2C resources

## 2019 outlook

# Focused on projects that maximise cash flow



#### **Production**

Target: 63,000-70,000 Boepd YTD Feb: 67,700 Boepd



- Operational priority to improve Kraken FPSO uptime:
  - 30,000 to 35,000Bopd (gross)guidance unchanged
- Magnus performing above expectations
- Rest of portfolio in line with plans

# Operating costs and capital spend

#### On track



- Maintain low unit costs
- Drilling:
  - Kraken DC4 complete
  - Magnus: 2 wells
  - PM8/Seligi: 2 wells
- Project expenditures:
  - Scolty/Crathes pipeline
  - Dunlin bypass

## Near-term opportunities

## **Evaluation underway**



- Kraken: infill drilling and Western Flank
- Magnus: production optimisation; future drilling targets
- PM8/Seligi: future drilling and intervention; facility upgrades
- Eagle: progress to sanction
- Dons NE: potential development options

## 2P/2C reserves and resources



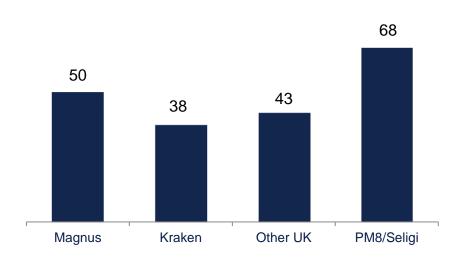
## Three world-class assets: Magnus, Kraken and PM8/Seligi

## 2P reserves of 245 MMbbls, an increase of 17% over 2017

## Significant resource base in existing fields; delivered largely through drilling

- Magnus: 75% acquisition added c.40 MMboe to year end 2C resources
- Kraken: reserves remain materially unchanged; material opportunities in the Western Flank and Maureen sands
- PM/8 Seligi: drilling/intervention programmes drive 2P delivery and 2C migration
- 2C resources accessible through drilling with existing infrastructure

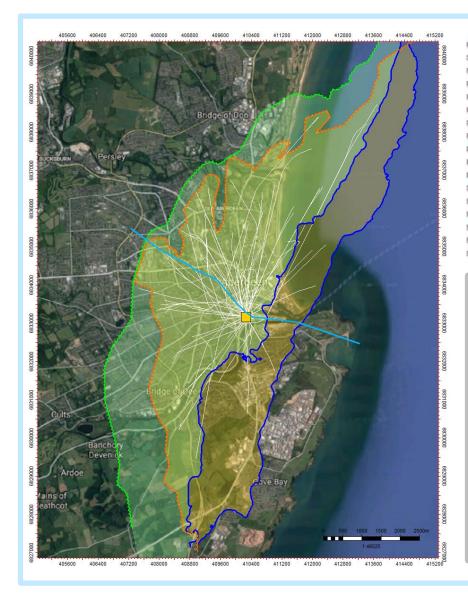
#### 2C resources (MMboe) at 31/12/18

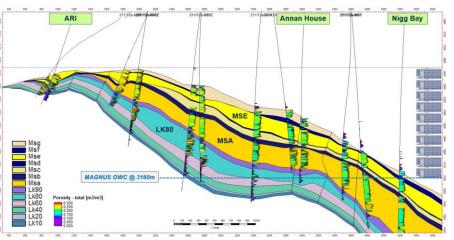


# **Magnus**

# A giant field with significant growth potential



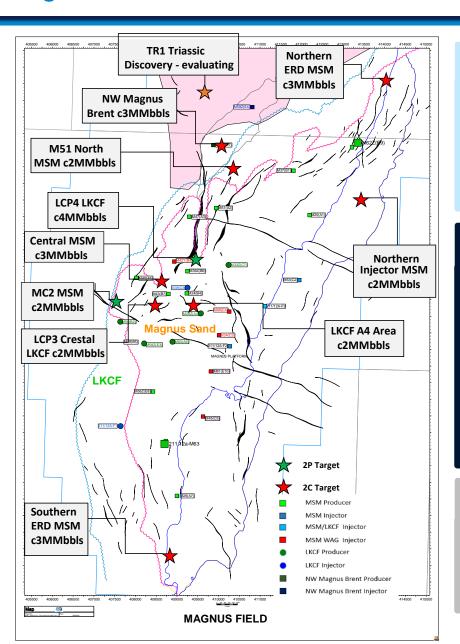




- Magnus is one of 3 giant oil-fields in NNS;
   c.2bn boe HIIP
- c.50% RF; large volume of remaining mobile oil
- Secured early wins: plant de-bottlenecking, drilled 2 wells; barrel-adding well interventions
- Improved reservoir understanding utilising recent seismic
- Unlocking future potential through improved reservoir management, drilling and well intervention and higher operating efficiency
- Initial drilling performance has been top quartile

# Magnus opportunity Significant 2P reserves and 2C resources





#### 2P reserves

- 2 low-cost, platform drilled infill wells planned in late 2019
- Continuation of successful well interventions
- Plant debottlenecking and improved water handling capacity

#### 2C resources

- Identified low-cost annual 2-well drilling programme with strong economics
- Further drilling upside with target maturation in progress
- Production and reservoir management
- Effective late-life cost management

## **Future upside**

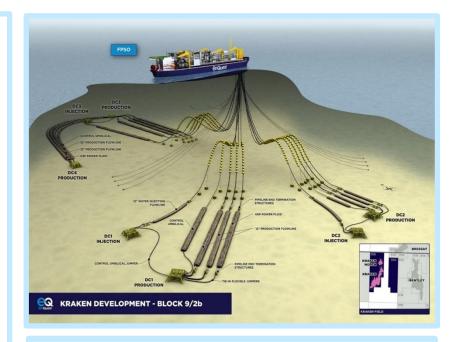
c.270 MMbbls of mobile oil in place; development programme will be economic over several years

## Kraken

# FPSO performance improving; work ongoing



- Material improvement in production efficiency in March/April compared to first two months of 2018
- Main power engine activities:
  - provision of clean, reliable fuel ✓
  - spares management for maintenance √
  - further offshore training ongoing
  - dedicated offshore support team ongoing
- HSP activities:
  - plant stabilised reflecting improved power stabilisation
  - spares management √
- Heat exchanger activities:
  - spares management √
  - reliability engineers supporting root cause analysis of losses - ongoing
- Increased offshore engineering support for critical utility equipment operation and maintenance ✓



- Other ongoing activities include:
  - supporting BUMI UK purchasing strategy
  - EnQuest performance management team in place to support engineering improvements

## Kraken

# FDP drilling complete; upside opportunity in the Western Flank



#### 2P reserves

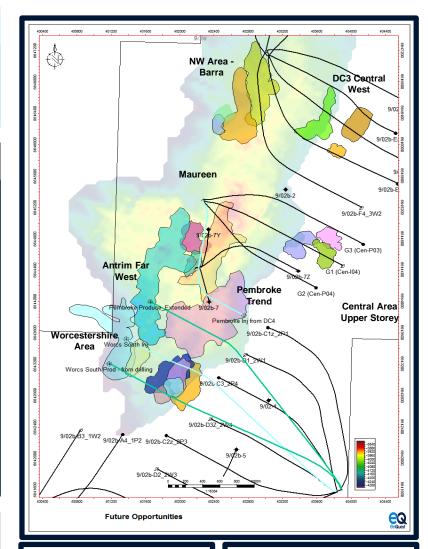
- Drilling and subsea infrastructure complete
- Focus on Production Efficiency and cost management

#### 2C resources

- Western Flank has c.100 MMbbls STOIIP
- Worcestershire area high-graded
  - seismically identical to main-field area
  - spare producer and injector slots at DC2
  - 11-19 MMstb STOIIP
- Pembroke trend under review
  - potential side-track of DC2 producer and spare DC4 injector slot
  - c.16 MMstb STOIIP
- Longer-term EOR through polymer flood
  - c.30MMbbls STOIIP

## Future upside

20-40 MMbbls STOIIP in Maureen sands under evaluation



Black = existing/drilling wells

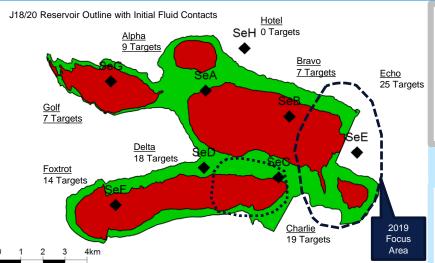
**Green** = proposed producer

Blue = proposed injector

# PM8/Seligi

# A giant field with significant upside potential





536000 -400 --400 --600 --1000 --1200 --1600 --1600 --1800 --2000 --2200 --2400 --2400 -

- c.2bn boe STOIIP; 12 stacked reservoirs; c.35% RF
- Historically strong production performance through well interventions; only 2 new wells drilled
- Acquisition of c.17MMboe net 2P reserves; by end 2018 further c.13 MMboe net 2P reserves added with net production of c.10MMboe

#### 2P reserves

- Low-cost annual 2-well drilling programme planned
- Ongoing well intervention activities
- Facility reliability programme to maintain high PE

## 2C resources

- Large opportunity hopper: additional low-cost drilling and workovers; PM8 gas opportunity
- Improved recovery through gas injection / water flood
- Strong economics

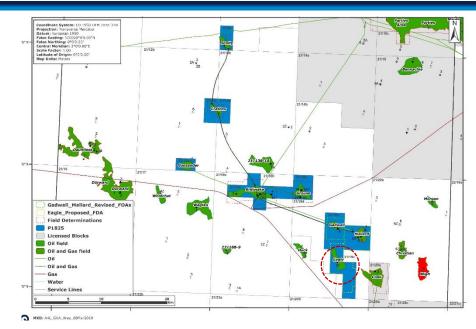
## **Future upside**

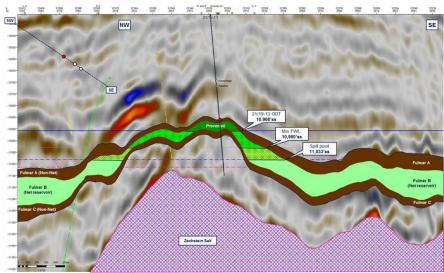
- Significant potential gas development at Seligi
  - potential future 2C of >3.5 tcf GIIP
  - gas infrastructure in place; exported 100 MMscfd in peak times over last 3 years
  - requires commercial agreements with PETRONAS

# Subsea tie-back opportunities

# Eagle discovery





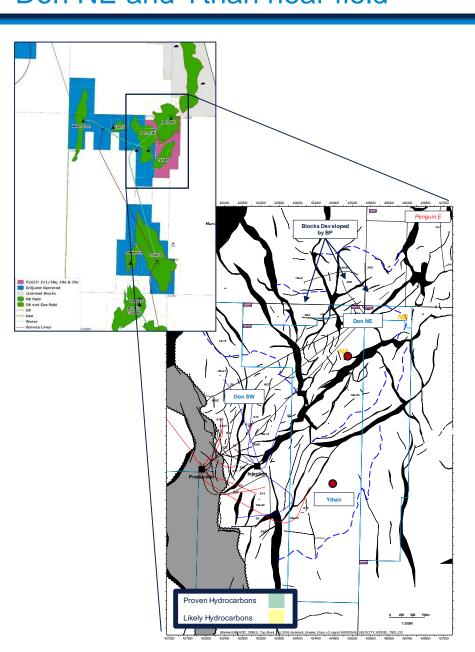


## 2C resources

- EnQuest 100%
- High quality Fulmar reservoir discovered in 2016 through a single exploration well
- Analysis shows
  - reservoir with a vertical thickness of 67ft
  - excellent reservoir properties
  - no oil water contact was encountered, representing potential upside volumes on the flank of the structure
- Development under evaluation
  - sub-sea tie-back to a suitable host
  - producer well with a resource appraisal element
  - robust base case economics
- Cook analogue (per WoodMac)
  - c.62MMbbls STOIIP
  - 80% RF to date suggesting in place volumes larger than mapped

# Subsea tie-back opportunities Don NE and Ythan near field





#### Don NE - 2C resources

- 100% EnQuest
- Development concept and economics under evaluation
  - single producer in an undeveloped fault block of the former Don field
  - drilled from the Don SW subsea drill centre
  - sub-sea tie-back to the Northern Producer
     FPF

## Ythan - 2C resources

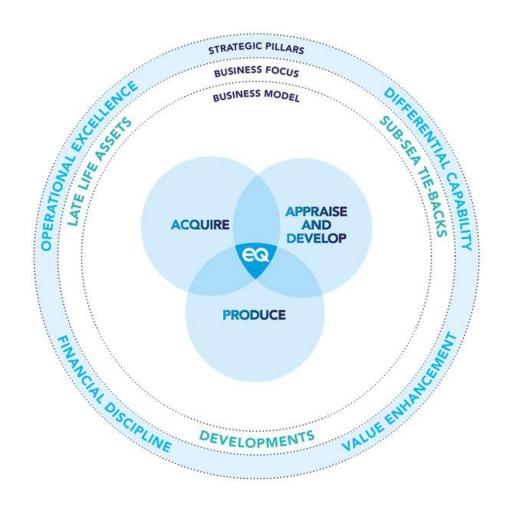
- EnQuest 60%
- Ythan development (2015) has outperformed FDP expectations with the initial well proving up additional oil-in-place
- Development concept and economics under evaluation
  - second producer well drilled from the Don SW subsea drill centre
  - sub-sea tie-back to the Northern Producer
     FPF

# **EnQuest**

# A clear strategy with a focused business model



## **Questions & Answers**



# **Forward-looking statements**



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