Namibia Oil and Gas Conference

3rd Edition

From exploration to action: Positioning Namibia as the next energy frontier

Appraisal Drilling – A NAMCOR Perspective

Presented at the Namibia Oil and Gas Conference:

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HOST

economic association of namibia ean

IN PARTNERSHIP WITH

NIPDB Namibia Investment Promotion & Development Board

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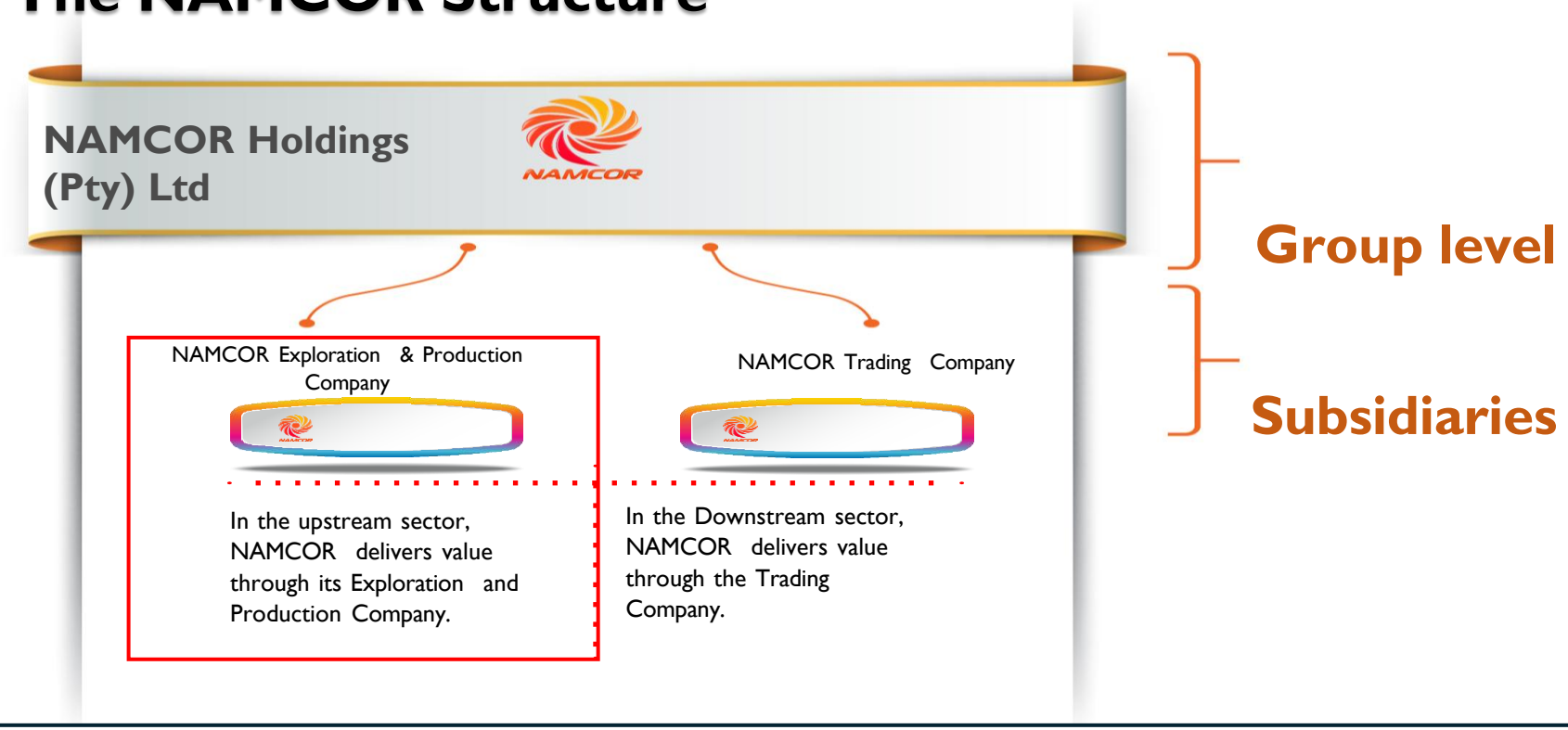
Presentation Outline

- Introduction: NAMCOR Structure and mandate
- Legal Framework governing Drilling Operations
- Appraisal Drilling: Operational Value Drivers
- Appraisal Drilling: Commercial Value Drivers
- NAMCOR Expectations and Timelines for the Appraisal Period
- NAMCOR Expectations: Appraisal Documents/Data

The NAMCOR Structure



Legal Framework Governing Joint Venture Operations

Tier 1

- Petroleum Exploration and Production Act 1991,Amended 1992, 93,97,98
- Petroleum Taxation Act
- Other Interlinking Acts (Environment, Maritime etc.)

Tier 2

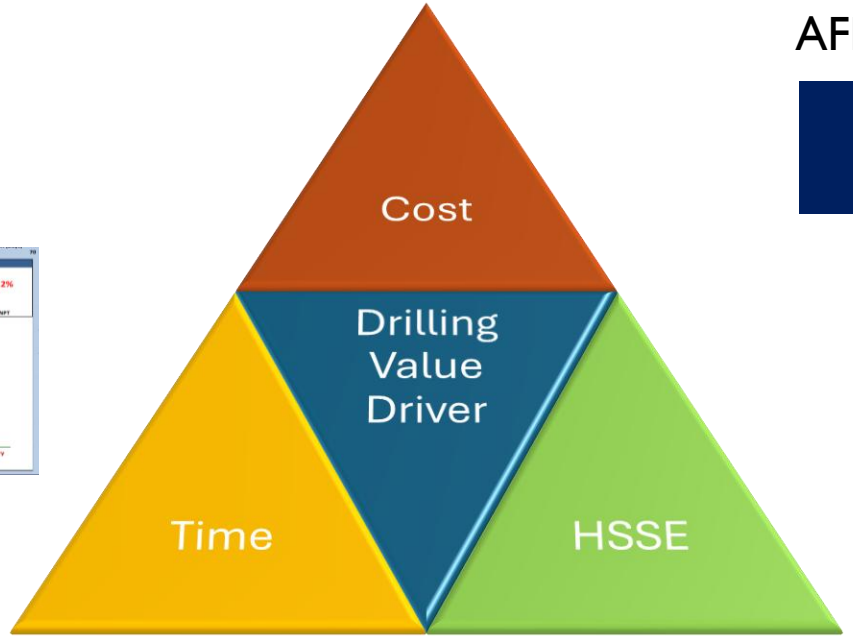
- Model Petroleum Agreement

Tier 3

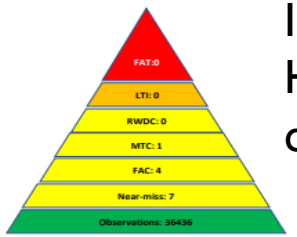
- JOA, Farmout Agreements

Operational Value Drivers

Plan vs Actual:
Days vs Depth Plot



Plan vs Actual:
AFE vs Actual Cost

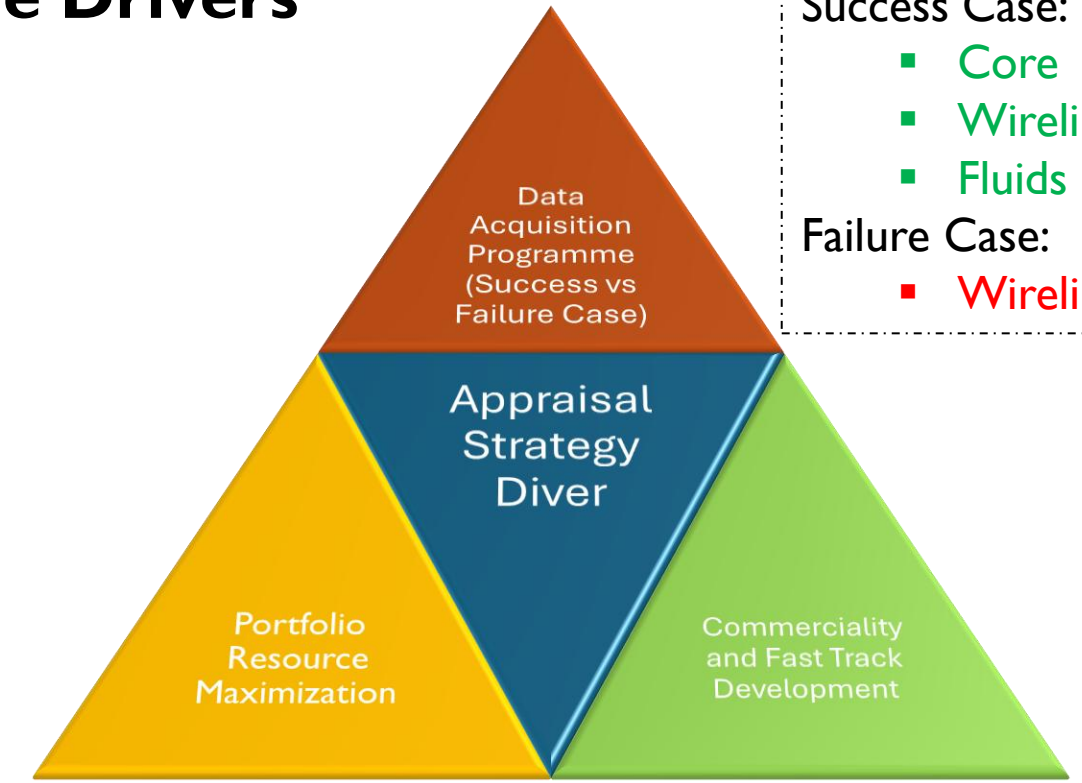


Incidents per HSSE categories

Commercial Value Drivers

Success Case:
- Core
- Wireline
- Fluids (DST, MDT etc.)

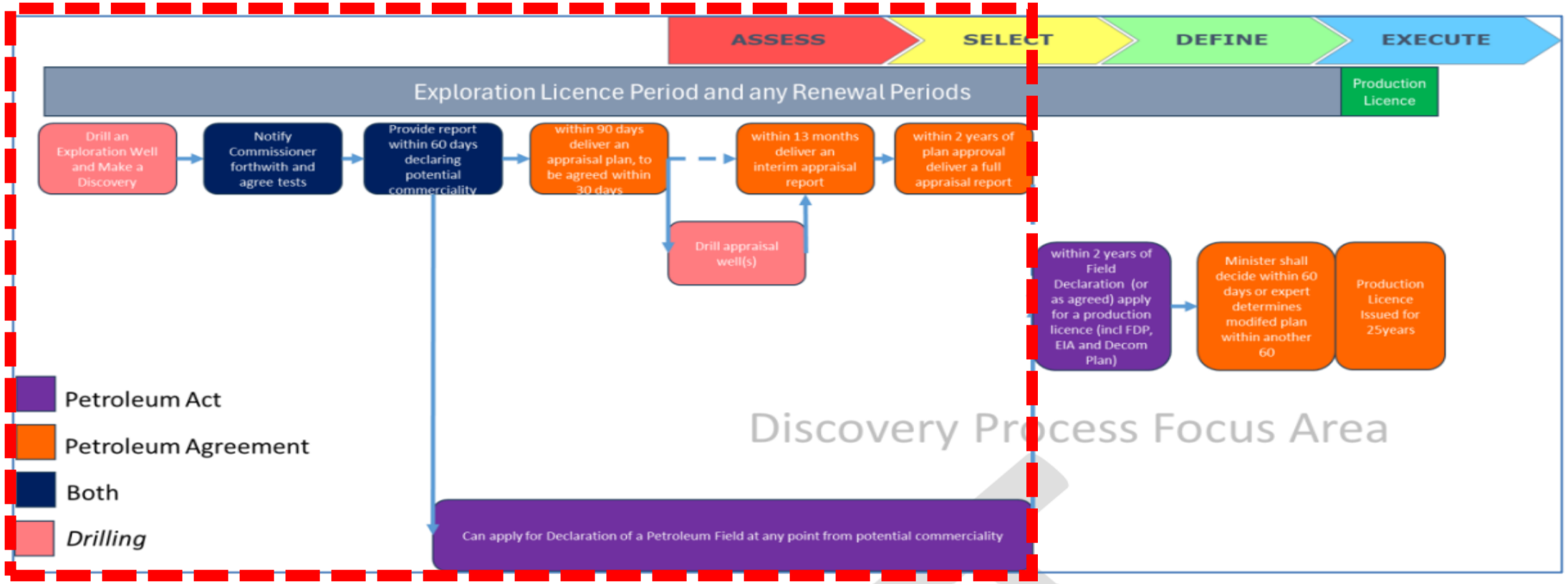
Failure Case:
- Wireline only



Drilling Sequence:
- Well 1X
- Well 1A
- Well 2X
- Well 3X
- Well 4X

Drilling Sequence:
- Well 1X
- Well 1A
- Well 2A
- Well 3A
- Well 2X

Expected Milestones from Operators by NOC



Some Key Documents and or Data from Operators by NOC

Document	Stage
Drilling Plan/Appraisal Plan	Pre-Drill
BoDs and/or Simulation Models	Pre-Drill
Rigs	
Drilling Strings	
Casing	
BHA	
Mud	
Cement	
Waste Treatment	
Contracting Strategy (ITTs, Costs, Lists of Subcontractors/vendors, Bid Evaluation Reports)	Pre-Drill
Local Content Plan (Training, Goods & Services, Employment, Incubation of Local Companies)	Pre-Drill
Data Acquisition	Drilling
MWD/LWD	
Wireline	
PVT	
Samples (Cores, Cuttings)	
Discovery Notice	Post Drill
End of Well Reports/Local Content Report	Post Drill
Post Well Studies Report	Post Drill
Discovery Report	Post Drill
Appraisal/Feasibility Report/Supporting Models	Post Drill

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THANK YOU