PRODUCTION OF HEAVY CRUDE IN DEEP WATERS
EARLY PRODUCTION OBJECTIVES

• REDUCE THE TIME FROM DISCOVERY TO FIRST PRODUCTION

• DETERMINE WELL STREAM EVIDENCE AND RESERVOIR CHARACTERISTICS TO HANDLE CHALLENGING CRUDE PROPERTIES

• DECLARE A FIELD COMMERCIAL AND PLAN FOR A LOF SYSTEM

• GENERATE ATTRACTIVE CASH FLOW

PRODUCTION OF HEAVY CRUDE IN DEEP WATERS
DEEP OFFSHORE TECHNOLOGY – VITORIA BRAZIL 2005
PRESENTATION

• 3 YEARS OF DEEP WATER HEAVY CRUDE PRODUCTION EXPERIENCE FROM BRAZIL

• DP FPSO – THE SEILLEAN CONCEPT FOR DEEP AND ULTRA DEEP WATERS
CHALLENGING CRUDE PROPERTIES

Could this field be considered commercial?

Flow

Appraisal

Data
DP FPSO SEILLEAN

- 6 YEARS OF PROVEN DEEP WATER EARLY PRODUCTION
- OPERATING WATER DEPTH: 2000 METERS
- STORAGE CAPACITY: 300,000 BBLS
- PROCESS CAPACITY: 22,500 BBLS/DAY API 17
- DYNAMICALLY POSITIONED
- ON CONTRACT IN BRAZIL TO PETROBRAS UNTIL 2009
EARLY PRODUCTION RISER SYSTEM (1)

PRODUCTION WITH FLARING
EARLY PRODUCTION RISER SYSTEM
RIGID RISER (1)
EARLY PRODUCTION RISER SYSTEM
RIGID RISER (2)

EDP – EMERGENCY DISCONNECT PACKAGE
SCM – SUBSEA CONTROL MODULE
STORAGE AND OFFLOADING

• OFFLOADING VIA OFFLOADING HOSE TO TANDEM MOORED SHUTTLE TANKER
THANK YOU !!

PLEASE SEE US AT BOOTH XX
IN THE EXHIBITION AREA