Platform Emmy Deck Extension Project
Presentation Outline

• Field history and background of Platform Emmy
• Project objectives and design criteria
• Project design
• Review of the project
Huntington Beach Field

- Discovered by Standard Oil Co. of California in 1920
- Production extended to offshore oil zones in 1930’s
- Waterflood projects commenced in early 1960’s
- Production/Injection peaked at 50,000 BOPD & 450,000 BWPD in 1972
Emmy Background

- Production platform set in 1962
- Satellite platform set in 1981
- 1.3 miles offshore in +/- 50 feet of water
- All production sent onshore for processing
Emmy Background

- 18 previously producing wells
- 12 wells drilled in 2013-14
Project Objectives and Design Criteria

Objectives
• Put additional wells on production from the existing slots
• Provide more space for electrical equipment (switchgear and transformers)
• Accessible by operators and electricians

Criteria
• Be able to structurally support additional weight
  – Total design load (1.287M pounds)
  – Center of gravity
  – Overturning moment
Deck Design


2400V Switchgear: July 2014 Installation

May Relocate TR-9 here

TR-3 Transformer: July 2014 Installation
Deck Installation
Deck Installation
Deck Installation
Deck Installation
Deck Installation
Deck Installation
Deck Installation
Installed Deck Extension

New Deck Extension
Deck Extension with Switchgear
Deck Extension Support Structure
Deck Extension Support Structure