

Imperial College of Science, Technology and Medicine
Department Earth Science and Engineering

Wytch Farm Oil field Field Development Plan

Team H

Marwah Alsinan
Muhammad Anang
Prakash Chauhan
Ricko Wijanarko
Stavroula Zervopoulou
Sonny Parsonage

April 2016

Contents

1	Executive Summary	2
2	Static and dynamic description	3
2.1	Integrated static description	3
2.2	Dynamic description	3
3	Static and dynamic model	4
3.1	Geological model	4
3.2	Flow Simulation model	4
4	Reservoir Development scheme and predictions	5
5	Wells and facilities design	6
5.1	Drilling and Production Facilites	6
5.2	Process Facilities	6
6	Health Safety and Environment	7
7	Technical uncertainty and risk management	8
8	Schedule	9
9	Economics	10
10	Operating Plan	11
	Bibliography	11

1 Executive Summary

2 Static and dynamic description

2 Integrated static description

2 Dynamic description

3 Static and dynamic model

3 Geological model

3 Flow Simulation model

4 Reservoir Development scheme and predictions

5 Wells and facilities design

5 Drilling and Production Facilities

5 Process Facilities

6 Health Safety and Environment

here is an example again [1]

7 Technical uncertainty and risk management

8 Schedule

9 Economics

10 Operating Plan

Bibliography

- [1] Nobody Jr. My article, 2006.