

Department of Mineral Fuels Petroleum Exploration and Production Data Management

by
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November 16, 2010

Outline



History



Physical management

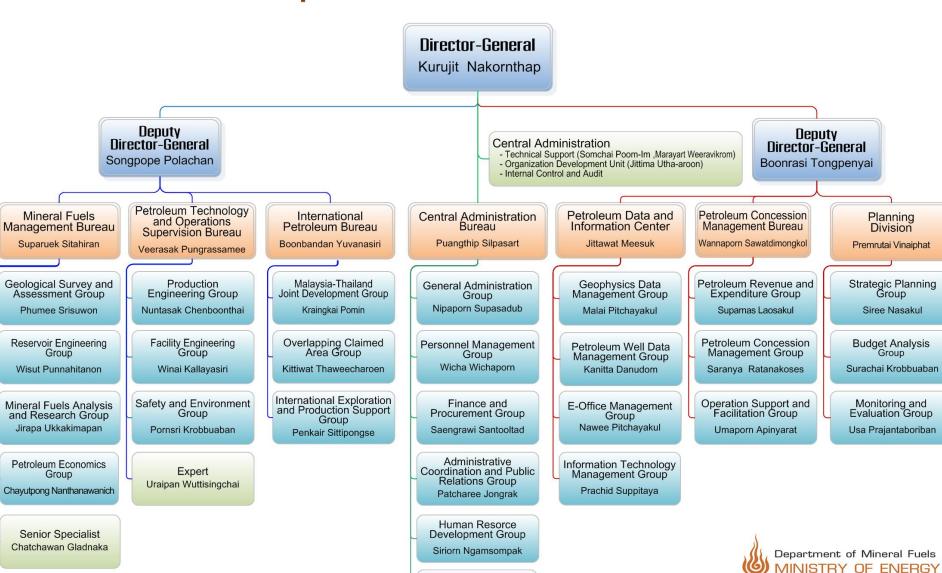


Database management



Conclusion

Department of Mineral Fuels



Legal Affair

Kleawphan Silalak

Petroleum Data & Information Cente

Receive E&P Data policies

- Petroleum Act B.E.2514 article 76
- "Concessionaire must submit E&P data as per Announcement of The Department of Mineral Fuels on March 4th, 2004"

(Subject: Rules, Procedures and Period for the submission of Reports on Petroleum Operation as article 2.4(6) and (7).

Original data from Concessionair



1/12/2011







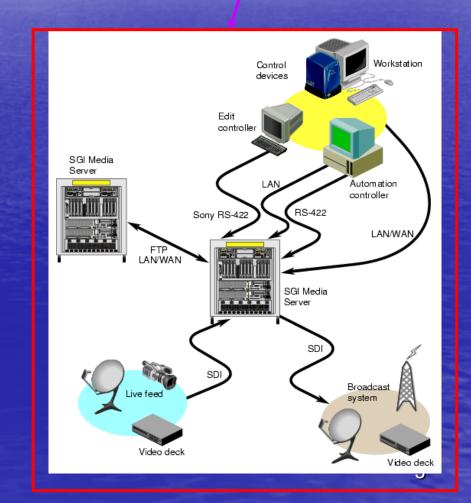


Set up system

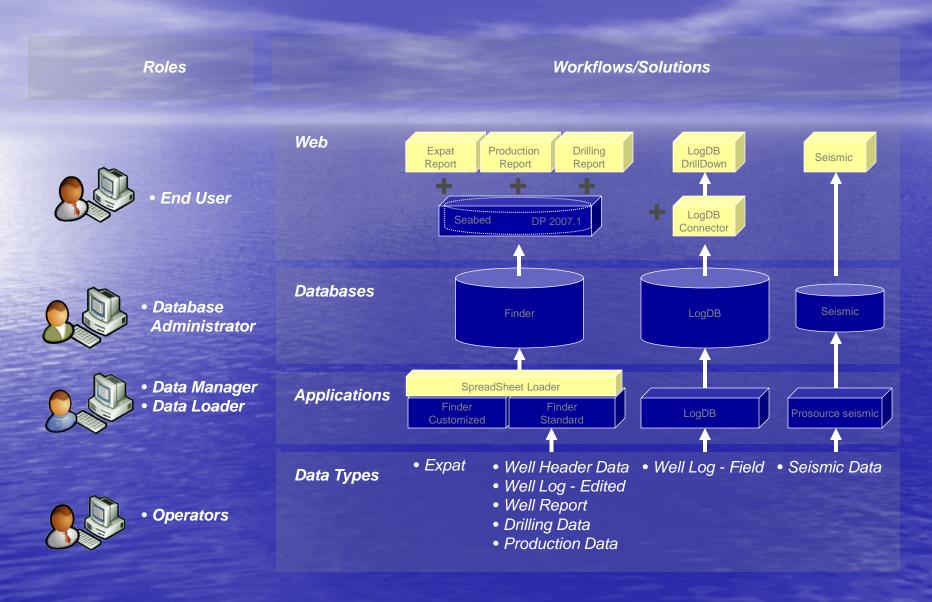
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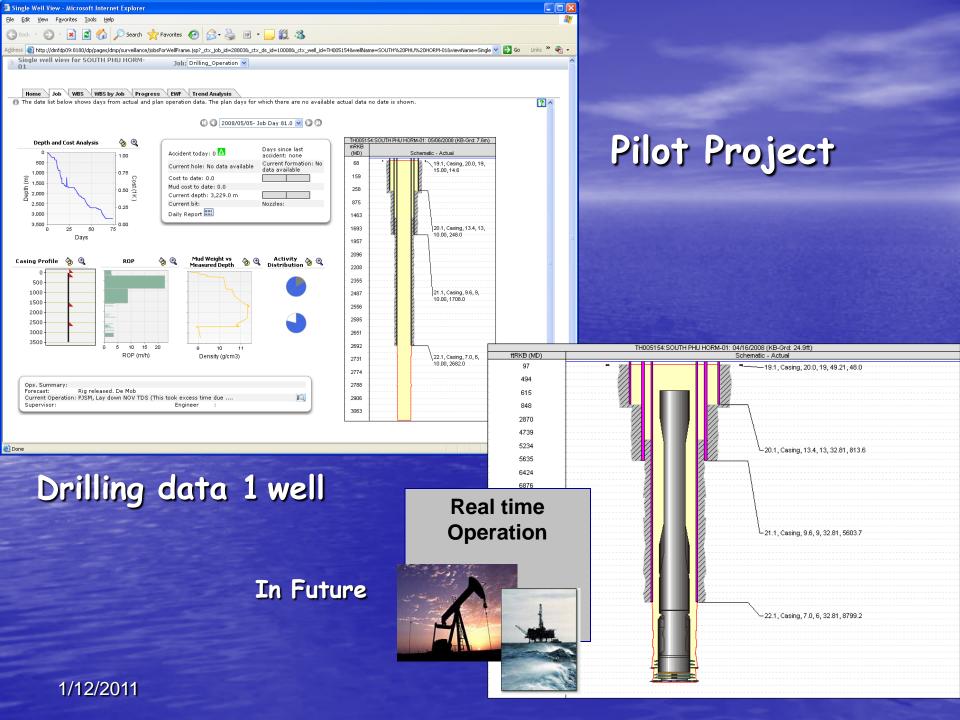
online intranet



E&P PETROLEUM DATA MANAGEMENT

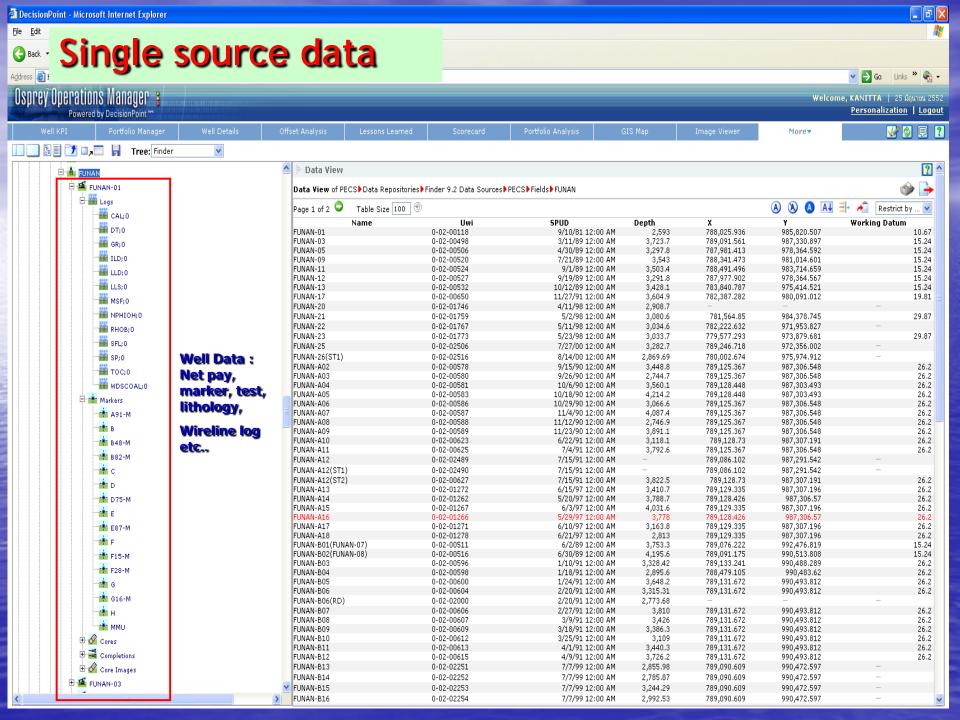


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Production data 1 well to multi wells

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TAD-03 05	100		0 1.218293212	0	117.444046	0	34.83286285	0		
TAD-03 07	100	(0 1.261051886	0	92.62463379	0	36.80849075	0		
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TAD-03 06	100		0 0.752402812 0 0.747587025		54.48393631	0	21.83221054	0		
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	1/12/20									
								(a) Done	(b) Informet	



Rock Sample data management

Convetional Core
Unwashed Cuttings
Washed Cuttings
All Rock Sample Data input in AssetDb Program



Core Warehouse at Rayong Province



Work space: 2400 m² ~200 Km from BKK









KASHED JUNCTION



ไป อ.เมืองระยอง (**23** กม.)

(Rayong 23 Km.)

ที่ทำการเทศบาลแกลงกะเฉด



ไปจันทบุรี(80 กม.) →

(Chantaburi 80 Km.)

สถานีดับเพลิงเทศบาล





สูนย์ข้อมูลตัวอย่างหิน DMF

(DMF Core Warehouse)



(Suan Son Park 5.5 Km.)



รร. & วัดท่าเรือแกลง

(School & Temple

Tha Rau Klang)

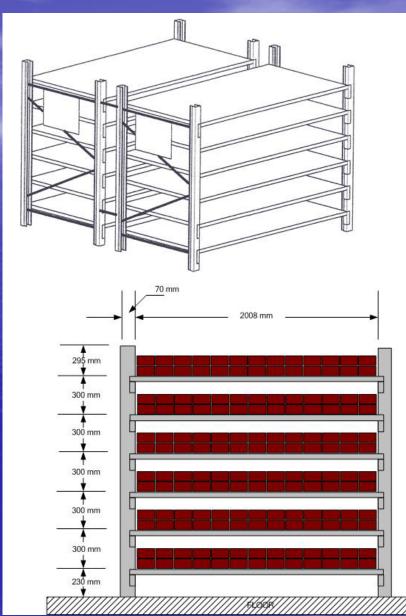
(Laem Mae Phim 7 Km.)

ไปแหลมแม่พิมพ์



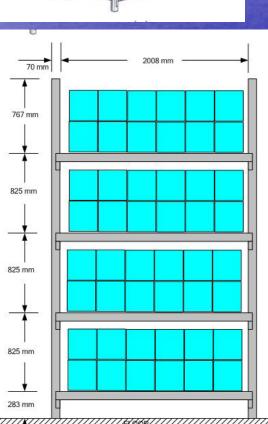


CONVENTIONAL CORE LAYOUT



UNWASHED CUTTING LAYOUT



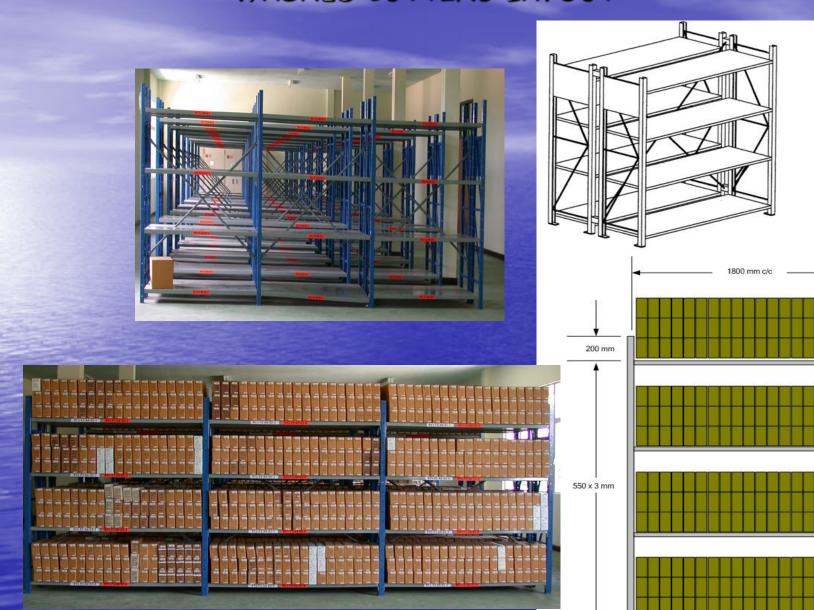




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WASHED CUTTING LAYOUT



150 mm

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Location:

- Bangkok Fileroom
- □Offsite Warehouse
 □Rayong





Components:

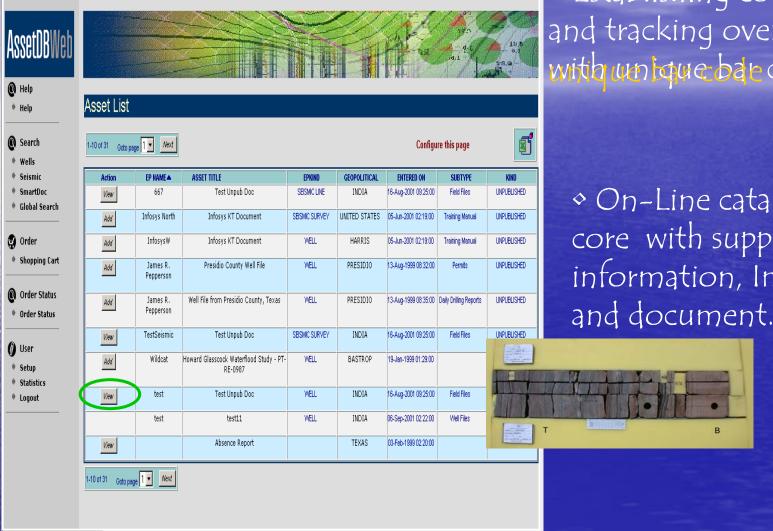
- Physical Management
- Database
 Management
 - Hardware
 - ■Software





1/12/2011

Cataloging: AssetDB



Establishing control and tracking over cores with unique barcode

♦ On-Line catalog of core with supporting information, Image

1/12/2011



Data Type

- ☐ Core
 - Conventional Core
 - □ Sidewall Core Core Plug
- Cuttings
 - Unwashed Cuttings
 - Washed Cuttings





Core

- Conventional Core
 - □Core Box 4,285 items
- Sidewall Core Core Plug
 - □Carton & Box 15 items
 - ■Sample & Envelope 231 items









Cuttings

- Unwashed Cuttings
 - ☐ Unwashed Box 3,556 items
- Washed Cuttings
 - Washed Carton 18,586 items
 - □ Envelope 852,823 items





Conclusion

- PRESENT
 - Physical managements policies
 - Database managements policies
 - ■Basic information of in database
- **PLANNING** in the FUTURE
 - ☐Service policies
 - ☐Study Room
 - Online Data

CCOP

AFTER Metadata Software Training

Pattaya: March 23-25, to Shanghai China 20-22 July 2010

- >System is not stable, not only CCOP but also DMF.
- >Dmf move the new building on December 1, 2010
 - >Arrange new server room
 - > setup working group in DMF
 - > cooperate with DMR
 - > join with the concessionaire such as PTTEP, Chevron etc

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