



Proposal for Training Offering
Post SIMPOSIUM IATMI 2018 – (Draft)
**“MODERN PRODUCTION
ANALYSIS TRAINING”**

GRAND INNA HOTEL PADANG

Ikatan Ahli Teknik Perminyakan Indonesia (IATMI)

Koperasi Jasa Usaha Mandiri IATMI (KOPUM IATMI)

Komplek Perkantoran “PPPTMGB LEMIGAS”, Gedung Penunjang Lt. 2

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1.KOPUM IATMI



Ikatan Ahli Teknik Perminyakan Indonesia (IATMI)

Ikatan Ahli Teknik Perminyakan Indonesia (IATMI) is a professional organization established in Jakarta on 7 June 1979 by a group of Indonesian professionals working in the petroleum and geothermal industry. At this time IATMI has more than 10,000 members spread all over Indonesia and some countries in the world. Through synergy with related stakeholders, IATMI aims to serve its members to increase knowledge, support the development of Indonesia's petroleum and gas professionals. IATMI will also continue to work with other organizations and also contribute ideas in the promotion of energy in forms, conducting various energy activities and events.

IATMI Vision: Respectful IATMI (IATMI Respected)

IATMI Mission: Professionalism with integrity for the nation IATMI Values: Professional, Independent, and Brave

"IATMI Consists of more than 10,000 oil and gas experts spread across Indonesia and some countries in the world. Plays an active role in contributing in advancing the national oil industry and the world "



Koperasi Jasa Usaha Mandiri IATMI (KOPUM IATMI)

Koperasi Jasa Usaha Mandiri is a business entity appointed by IATMI to coordinate various activities of IATMI in the form of training, courses, workshop, lunch talk, certification and other services. KOPUM IATMI is expected to support for advancing the ability of soft skill and hard skill of professionals working in the field of oil and gas and supporters. Many events have been conducted regularly with participation of more than 1000 professional participants with qualified instructors nationally and internationally. This becomes a form of real support in promoting the nation's energy

List of training we ever held, including:

Reservoir:

- Advance Reservoir Engineering
- Enhance Oil Recovery (EOR):fundamental & Application
- Chemical Enhanced Oil Recovery (CEOR)
- Well Testing - Pressure Transient Analysis
- Reservoir Modelling: Fundamental, Workflow, Software Application & Case Study
- Pelatihan Petugas Pengambil Contoh (PPC) – PVT Tutorial & Field Trip Ke Cepu
- Reliability Of Core Analysis & PVT Data
- Open Hole Formation Evaluation, Case Hole Log Interpretation
- Plan Of Development & Subsurface (POD)
- Basic Petroleum Engineer For Non Petroleum Engineer

Produksi:

- Hydraulic Fracture Treatment Design & Evaluation
- Advance Production Engineering

Drilling:

- Advance Drilling Engineering
- Analysis Horizontal Wells And Formation Damage Handling
- Well Integrity

Lain-lain

- Petroleum Economic & Risk Analysis
- Gas Development & Commercialization
- WP&B dan AFE
- Oil And Gas Pipeline Design And Maintenance
- Oil & Gas Business
- Geothermal
- Microsoft Office For Engineer
- Sertifikasi Petroleum Engineer SPE - IATMI
- Leadership Program For Oil & Gas Professional
- Dan lain lain... (*Tersedia dalam training MAP kami)

"We provide many titles of training and held annually with professional speakers both within and outside the country to support increased competence in the field of Oil and Gas"

Clients who have worked with IATMI Training Center, include:



"Almost all of Oil and Gas companies in Indonesia have cooperated and entrusted us with more than 1000 of Indonesian's oil and gas professionals who have participated"

2. Advantages of Participating IATMI Training

Advantages of Following IATMI Training

- Have qualified and experienced national and international instructors from experts in the field of Oil and Gas who are members of the Ikatan Ahli Teknik Perminyakan Indonesia (IATMI)~ Instructors can be customized.
- Comprehensive, targeted, and easy to understand learning materials.
- Will Get a material book that supports the learning process during training activities.
- Will get course equipment in the form of book organizer and stationery
- Will be certified officially and recognized by IATMI
- Will get interesting souvenirs.
- Planning and implementation of training can be arranged flexibly, following needs.
- The training venue is conducted in an interesting place and suitable for learning or can be held on request.
- Will get free IATMI Membership for 2 years where participants can follow all information about Oil and Gas through email on a regular basis.
- The price of the offered training is competitive (~through negotiation) with good service and maintaining the quality of the materials and training implementation

3. Training Instructor

In the course material about "**MODERN PRODUCTION ANALYSIS TRAINING**", the trainer who delivered this topic is **Jufenilamora Nurak** who is a professional and experienced in this topic.



“Jufenilamora Nurak is currently working for IHS Markit as a Technical Advisor for Harmony Software (RTA, Decline Plus, CBM, Virtuwel) and Well Test Software. More than fifteen years massive experience in Petroleum Engineering with strong in Petroleum/ Reservoir Engineering (Reserve Analysis, Well intervention, PTA, DCA, RTA, Nodal Analysis) etc, Asset and Block Valuation (Work Program & Budget Design to optimize asset value, Economic Analysis and Asset Valuation, Operation Cost Control) and Petroleum Engineering Software (IPM, OFM, MerakPeeP, Welflo, Pansystem, etc). Experience as a Petroleum Engineer Consultant at Pertamina Engineer Consultant at Pertamina EP Cepu ADK (Alas Dara Kemuning Block) from February 2014 until November 2014. Petroleum/ Production & Operation Engineer at Pertamina EP KSO (Pabuaran and Perlak Blocks) Design Completion and WO Program & supervise, Nodal Analysis, Material Balance, DCA, Reserve Calculation, Scope of Work well testing and production facilities for tender process etc. Production Engineer at Sele Raya Merangin II (Merangin II Block) from July 2009 until August 2011. Petroleum/ Reservoir Engineer at Sumatera Persada Energy (West Kampar Block) and as a Reservoir & Production Engineer at Petrochina International. Honors and awards Exeed Requirement scale of work performance Petrochina International Bermuda (Ltd), 2004 and 2005 and Outstanding Performance in “Job Knowledge” achievement, Petrochina International Bermuda (Ltd), 2006 and 2007.

4. Syallbus

- Modern Production Analysis (Rate Transient Analysis – RTA)
 1. This methodology is new but there is no new equations inside it. It is a matter of combination of material balance equation with the flow equation;
 2. It will minimize the well intervention that is commonly done to get data from the well (i.e: no need to RIH with slick line unit, shut in the well, playing with choke size, etc);
 3. We can prevent production loss due to shut in well requirement to get appropriate shut in pressure data;
 4. This method can significantly reduce the operating expenditure for well intervention activities;
 5. This method is implemented with no cost because the data required is the daily production data that is always recorded by oil and gas companies daily;
 6. This method will deliver:
 - Connected reservoir volume (OOIP/OGIP) in 1P category
 - Understanding on well performance;
 - Reservoir characterization (near wellbore properties skin, X_f), permeability, present reservoir pressure, well interference identification, aquifer support identification and quantification, identify the liquid loading effect and many more;
 - Production forecast profile based on scenarios, EUR and remaining recoverable reserve;
 - Reservoir tank modeling
- Software Hands on

The software is adopting the modern production analysis concept and it will make our engineering calculation become easy so we may focus on the analysis rather than spending time on data uploading and doing calculation steps, the software will do that for us.

By using the software the engineer will get massive support in implementing the modern production analysis procedure that includes:

 - Data QC and diagnostic
 - Material balance analysis
 - Type curve analysis
 - Single phase history matching and forecast
 - Multiphase history matching and forecast
 - Multiwell history matching and forecast
 - Probabilistic analysis using monte carlo simulation
 - Customizable reporting format

5. Rundown Estimation

Day-1 Thursday, 4 October 2018			
Hour		Activities and Material	Speakers
08.00	08.30	Registration	
08.30	08.45	Openings	
08.45	9.45	Intoduction to IHS Markit Engineering software products	Jufenilamora Nurak
9.45	10.00	Coffee break	
10.00	12.00	Introduction to Modern Production Analysis	Jufenilamora Nurak
12.00	13.00	Makan Siang dan Sholat	
13.00	15.00	Basic Concept of Modern Production Analysis	Jufenilamora Nurak
15.00	15.15	Coffee break	
15.15	17.00	Examples of implementation of Modern Production Analysis	Jufenilamora Nurak

Hari ke-2 : Friday, 5 October 2018			
Hour		Activities and Material	Speakers
08.00	08.30	Re-Registration	
08.30	9.45	Hands on Training using Harmony Enterprise Software	Jufenilamora Nurak
9.45	10.00	Coffee Break	
10.00	12.00	Hands on Training using Harmony Enterprise Software	Jufenilamora Nurak
12.00	13.00	Makan Siang dan Sholat	
13.00	15.00	Study Case	Jufenilamora Nurak
15.00	15.15	Coffee Break	
15.15	17.00	Study Case	Jufenilamora Nurak

Hari ke-3 : Saturday, 6 October 2018			
Hour		Activities and Material	Speakers
08.00	08.30	Re-Registration	
08.30	9.45	Fieldtrip Geopark Silokek	Dr. Ir . M Ali Jambak
9.45	10.00	Coffee Break	
10.00	12.00	Fieldtrip Geopark Silokek	Dr. Ir . M Ali Jambak
12.00	13.00	Makan Siang dan Sholat	
13.00	15.00	Fieldtrip Geopark Silokek	Dr. Ir . M Ali Jambak
15.00	15.15	Coffee Break	
15.15	17.00	Fieldtrip Geopark Silokek	Dr. Ir . M Ali Jambak

6. IATMI Training Gallery





EXAMINATION PETROLEUM ENGINEERING CERTIFICATION
09 MARCH, 2018 at SENA HOTEL - BANDUNG
ORGANIZER BY IATMI

DUDUK DARI KIRI KE KANAN:

1. CATUR SUNAWAN BALLYA
2. ANDRI TAUFIK SUHERMAN
3. ADE YOHANA KUMARI
4. Ir. BAMBANG PUDJANTO
5. SRI F. TARMIZI
6. RS. TRIJANA KARTO ATMODOJO
7. ARTIKA FEBRIANA PRADITIA
8. SUSAN SYAHIDINA
9. NUNI HANDAYANI

- PT. PERTAMINA EP
- PT. PERTAMINA EP
- PT. PERTAMINA EP
- IATMI
- IATMI
- PT. PERTAMINA EP
- PT. PERTAMINA EP
- PT. PERTAMINA EP

BERDIRI DARI KIRI KE KANAN:

1. BAYU HAMZA
2. DODY SIGIT PRASETYO
3. CAHYA KUSPRIONO
4. HARRY KANANTA
5. SUKANTO
6. HADIYAN DWI RACHMAWAN
7. JHON HAKIM GINTING
8. GURMILANG ADHIKA
9. BUDI DARMAWAN
10. ERWIN DICKY D.
11. DODI KURNIAWAN

- PT. PERTAMINA EP
- PT. PERTAMINA EP
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- PT. PERTAMINA EP
- PT. PERTAMINA EP
- PT. SANTOS PTY LTD
- PT. PERTAMINA EP
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- PT. PERTAMINA EP



TUTORIAL PETROLEUM ENGINEERING CERTIFICATION
5 - 8 MARCH, 2018 at SENA HOTEL - BANDUNG
ORGANIZER BY IATMI

DUDUK DARI KIRI KE KANAN:

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3. ARTIKA FEBRIANA PRADITIA
4. ADE YOHANA KUMARI
5. Ir. BAMBANG PUDJANTO
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- PT. PERTAMINA EP
- IATMI
- INSTRUCTOR
- PT. PERTAMINA EP
- PT. PERTAMINA EP
- PT. SANTOS PTY LTD

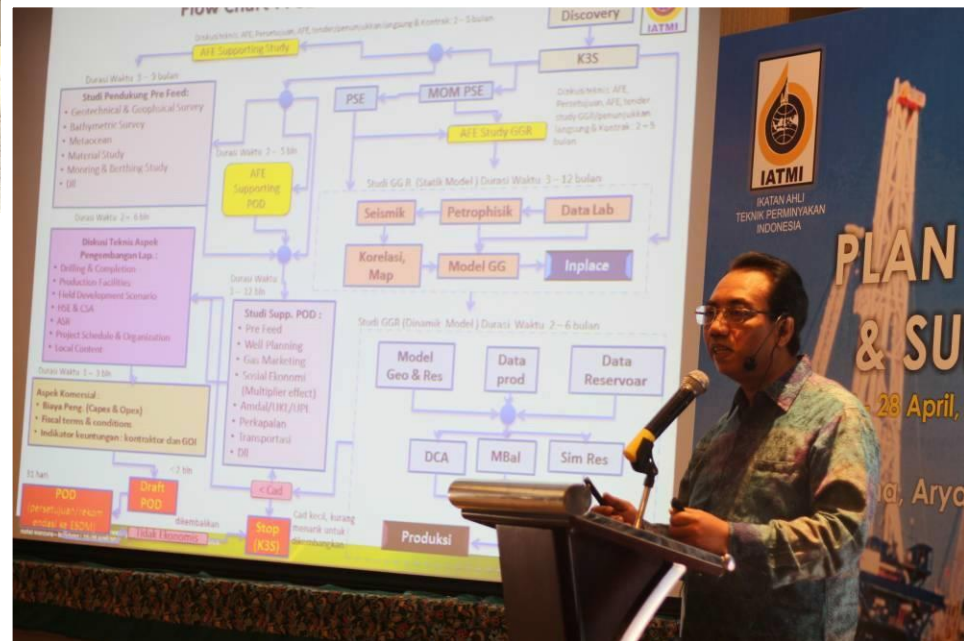
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Proposal for Training Offerings - Post SIMPOSIUM IATMI 2018
“MODERN PRODUCTION ANALYSIS TRAINING AND FIELDTRIP-IHS MARKIT”