



Chandra Maulana
Project Drilling Engineer

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Singapore
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QUALIFICATIONS

Solution-oriented Drilling & Completion Consultant with more than 17 (seventeen) years experience in offshore/onshore drilling operation and engineering, oil production operations, and project management activities.

CORE COMPETENCIES

- Surface and Subsurface Development
- Drilling & Completion Engineering
- Internal and External Liaison
- D&C Operations Management
- Well Performance Management
- Post Well Reports & Improvement

SELECTED ACHIEVEMENTS

- **Saved** US\$ 8 million in developing a marginal field through a sound coordination of teamwork, involving production engineers, reservoir engineers, geologists, geophysicists and civil engineers. Drilling Contributes: Consignment Purchase Agreement, Batch drilling, Slender Wells, 2 in 1 and 3 in 1 wellheads concept.
- **Saved** a total of US \$ 650,000 by reducing number of boats for the drilling operations, which at the same time increased boat utilization time by 43%.
- **Reduced** drilling tangible / intangible inventory costs by a few million dollars by initiating a concept of PDC bit drilling contract "consignment" on a cost per foot basis.
- **Established** 24 hours footage drilling record of 5269 feet MD, which included make up connection and surveying.
- **Developed** macro programming in Lotus for Drilling AFE generator that simplified the process and **saved** the engineers' time.
- **Team Member** for DMI Gulf of Thailand development drilling/completion project for Green Fields International. Project set benchmark for oil completion ER wells including batch drilling and completion with ESP completions with open hole gravel packs.

PROFESSIONAL EXPERIENCE

Drilling Management International Inc., Singapore
Project Drilling Engineer

Sept. 2007 - Present

Client: Singapore Petroleum - China

Sr. Drilling Engineer responsible for preparing all bid documents and evaluating same for drilling services. Prepared exploration drilling program utilizing a semi submersible for drilling operation in the South China Sea.

Client: Husky Oil Indonesia

Sr. Drilling Engineer responsible for preparing all bid documents and evaluating same for drilling services, including liaison between Husky and BPMIGAS for contract awards. Also, liaison for external approvals for environmental and explosive permits. Responsibility included Night Drilling Supervisor on 2 well jack up operation in Husky's East Bawean II PSC.

Drilling Management International Cont

Client; Green Fields Petroleum (Bunga MasIntl)

Project Drilling /Engineer for the exploration drilling of an eight well land drilling program in S. Sumatra. Includes all drilling/testing programs, contract/procurement of equipment and services, location construction and logistic base set up as well as coordinating environmental impact assessment and liaison public relations between local villages..

Client: Green Fields International – Thailand

Prepared the batch drilling and completion program for the Bualuang marginal field development. This included a six well development involving extended reach wells utilizing rotary steerable systems and open hole gravel packs.

Sr. Drilling Engineer Consultant

2004 – 2007

BP Off-shore North West Java, Jakarta, Indonesia

Senior Drilling Engineer for the West Java field in the Java Sea with shallow horizontal Limestone development wells with up to 8 degree build rates in depleted oil and gas reservoirs. Other responsibilities include:

- Obtaining external approval for drilling and BU management from government body after ensuring that the well plans are appropriate and all risks have been properly assessed.
- Monitoring ongoing operations and leading daily drilling engineering conference with the rig.
- Developing drilling, completion and workover programs, equipment load-out plans and directional planning.
- Generating detailed cost estimates and measuring cost and performance that will determine the level of success of the program to meet set Key Performance indicators.

Drilling Engineer Specialist / Workover Superintendent

2003 – 2004

CNOOC SES Ltd., Jakarta, Indonesia

- Prepared and evaluated well programs, tenders and logistic strategies to support the drilling campaigns for Kodeco Energy Co. Ltd., Jakarta, Indonesia.
- Developed and implemented offshore drilling programs.

Senior Well Engineer / Sr. Drilling Engineer

2001 – 2003

REPSOL - Kodeco Energy Co. Ltd., Jakarta, Indonesia

- Developed and implemented offshore drilling programs for a 200 ft water depth jack up drilling rig off-shore Madura island.
- Coordinated team work consisting of Geologists / Geophysicists / Reservoir / Production Engineers as well as Finance / Legal / Logistic teams
- As a member of the Production Sharing Contract extension prepared multi million dollars developing fields' well programs
- Prepared drilling related bid documents and coordinated the bid process.

- Monitored the day-to-day operations as well as checking the contractor's invoices for AFE's compliance
- Prepared casing design for a HTHP exploratory well in REPSOL YPF - Malaysia, utilizing Schlumberger's TDAS software.

Jack-up Drilling Supervisor

1998 – 2001

REPSOL - YPF SES b.v., Off-shore Java Sea, Indonesia

- Supervised the offshore drilling operation for a Jackup drilling rig.
- Drilled and completed directional, horizontal and slender wells with 3 in 1 or 2 in 1 wellheads (for 3D type wells on a platform consisting of 30 well slots)
- Supervised drilling of offshore water flood producer/injector wells utilizing completions with sand control, open hole gravel pack and electrical submersible pumps (ESP).
- Supervised a Jackup Multi Purpose Service Vessel, drilling pilot holes and low cost expendable exploratory wells (9-5/8" and 7" casing while drilling).

Drilling Engineer and Workover / Drilling Supervisor

1996 – 1998

YPF MAXUS SES b.v., Jakarta, Indonesia and MAXUS SES b.v., Jakarta, Indonesia

- Performed drilling operations and bid evaluations.
- Generated YPF-Maxus's first drilling programs for slender wells, which created the 2 in 1 and 3 in 1 wellheads concept.
- Initiated the CPA (Consignment Purchase Agreement) basis tender concept and received awards for bit performance basis payment and slender well drilling program.
- Supervised work over operations and development of time operation benchmark which was used as department goal

Production Operation Supervisor

1994 – 1995

Drilling Engineer

1991 – 1994

MAXUS SES b.v., Jakarta, Indonesia

- Supervised offshore plant operations to maintain 12,000 bopd oil production at 9 platforms with 57 wells.
- Prepared drilling programs and developed macro programming in Lotus software to generate AFE for well estimate cost.

PROFESSIONAL DEVELOPMENT

Courses:

- *Safety Team Building course*, PT. Kuarta Awal Kencana, Karawaci, Indonesia
- *Modern Safety Management course*, DNV, Bandung, Indonesia
- *Accident Investigation Technique course*, Alkon, Jakarta, Indonesia.
- *Drilling String Design and Its Limit course*, SPE, Dallas, Texas, USA.
- *DFW for Windows, Basic user course*, Landmark Graphic - Halliburton, Jakarta, Indonesia.
- *Coiled Tubing Client course*, Dowell Schlumberger, Jogjakarta, Indonesia.
- *Directional, Horizontal Drilling and Completion course*, LDI Training, Bandung, Indonesia.
- *Well Completion and Work Over course*, LDI Training, Bandung, Indonesia.
- *Wire Line Logging Operation for Drilling Personnel course*, Schlumberger, Jakarta, Indonesia.
- *Gas Handling, Piping and Measurement course*, LDI Training, Jakarta, Indonesia
- *Drilling Optimization & Well Planning course*, Oil & Gas Consultant Int'l Inc., Jakarta, Indonesia
- *Drilling Operations Critical Skills course*, Oil & Gas Consultant Int'l Inc., Jakarta, Indonesia
- *Abnormal Pressure Detection and Prediction course*, Oil & Gas Consultant Int'l Inc., Jakarta, Indonesia
- *Drilling Practice & Mud Logging course*, Inter'l Training and Development, Jakarta, Indonesia
- *Principle of Drilling Fluid course*, BHI - Milchem, Jakarta, Indonesia.
- *Electric Submersible Pump course*, REDA Pump Company, Batam, Indonesia.

EDUCATION

Ir. (B.Sc.) Petroleum Engineering, Universitas Trisakti, Jakarta, Indonesia, 1990

PROFESSIONAL AFFILIATIONS

- Associate Member, Society of Petroleum Engineer (U.S.A)
- Member, Indonesia Petroleum Association (Indonesia)
- Member, Ikatan Ahli Teknik Minyak Indonesia (Indonesia)

LANGUAGES

English and Indonesian