

# Xavier POTTIER

## Senior Development Geologist

Contacts Information: +84369142106 / +33785358973 (WhatsApp) / xp\_pottier@outlook.com

### PROFESSIONAL SUMMARY

Geoscientist with 19 years of experience and successful track record in log interpretation, geomodelling, field development plans, reserves and technical reviews.

### SKILLS

- Petrel Expert
- 3D Static Model (deterministic and stochastic Modelling)
- Log interpretation
- Core Data interpretation
- Field Development Plan
- Reserves Assessment

**Area of studies:** Gabon, Congo, DRC (carbonates), Vietnam, SE Asia (Basement, Clastics & Carbonates), Colombia.

### WORK HISTORY

#### 06/2019-05/2024 (5 years) ASSALA ENERGY, Gabon

- ✓ **Senior Development Geologist**
  - In charge of all geological aspects (operations, log analysis: RST/PLT, Geomodelling Update) of the Onshore Rabi-Kounga Field. Filling the Work-Over and drilling candidates portfolio activity.
- ✓ **From 2021, North Assets Team Lead**
  - Managing the geoscience team in charge of maturing the workovers and drilling infill opportunities.
  - Involvement with Wells Performance and Workover departments.

#### 01/2008-03/2019 (12 years) PERENCO, Development/Reservoir geology

- ✓ **2016-2019 Senior Development Geologist, HQ London**
  - Gabon offshore legacy fields studies (log interpretation and geomodelling) for sidetrack and WO opportunities.
  - Colombian assets geomodelling.
  - New business activities:
- ✓ **2015-2016 Senior Development Geologist, Congo**
  - field re-development strategy design for license extension involving petrophysical re-evaluation.
  - Static reservoir modelling of a multi-billion of barrels (Emeraude) field with very low recovery factor.
  - Geomodelling studies on adjacent open blocks for block acquisition.
- ✓ **2012-2015 Senior Geologist, Cuu Long JOC, Vietnam**
  - Seconded within CuuLong JOC in partnership with PetroVietnam, KNOC, SK Energy and Geopetrol.
  - Geomodelling of Fractured Basement
  - Assessing behind casing clastic reservoirs for WO and drilling activities.
  - Partner representative activity.
  - New business in SE Asia area
- ✓ **2011-2012 Senior Geologist, HQ London**
  - Evaluation of the Pinda carbonates reservoirs with log interpretation and geomodelling Development plan.
- ✓ **2008-2011 Geologist, Gabon**
  - Operating subsidiary with 27 fields offshore/onshore.

- Re-development of mature fields. WO and drilling candidates maturation.
- Geomodelling of the onshore clastics reservoirs OBA field, and offshore Mbiya Field with development plan definition.

### **01/2006-11/2007 (2 years) Maurel et Prom, Junior Geologist, Paris**

- Geomodelling of the onshore MBoundi field in Congo.
- Well planning and geological operation follow up.

## **EXPERIENCE (DETAILED)**

### **06/2019-06/2024 Principal Geologist/Team Lead, Assala, Gabon**

- In charge for Rabi-Kounga field (260 wells and 300 sidetracks, 1.6Bstb STOIIP).
- In the Technical Reviews with several tasks:
  - ✓ Review the legacy static model and update it from fault identification from Wells logs to property distribution
  - ✓ RST interpretation to define the fluids columns and validate the perforation intervals
  - ✓ Prepare the slide pack for partners
  - ✓ maintain a database of STOIIP, Reserves and Contingent resources
  - ✓ Active participation in the proposal and design of ten development wells and eighty WO.
    - **Results:** WO and drilling activities since 2019 adding +20000bopd to the Rabi field

### **09/2016-03/2019 Senior geologist, Perenco, London**

- In development assets dpt (Gabon and Colombia and Cameroon), with 2 main tasks:
  - ✓ Build object-based channel belt model with seismic data integration for colombian assets
  - ✓ Interpret the petrophysical data with rock typing definition and create the geomodel.
    - **Results:** portfolio of activities in 4 offshore legacy fields Gabon with drilling infills and WO activities and 5 infills in Colombia with well proposals generation.
  - ✓ New business activity with review of the geological and petrophysical data in Data Room with successful bidding for Mexican assets acquisition.

### **09/2015-08/2016 Senior geologist, Perenco, Congo**

- Core, log and CMR interpretation followed by geomodelling of the Emeraude Field 6 stacked reservoirs.
- Geologist responsible for evaluation of the non-developed discoveries around producing assets and block acquisition.
  - ✓ Followed up with geophysicist
  - ✓ Petrophysical interpretation (mineral solver) and creation of new reservoirs correlation,
  - ✓ Low/Base / High Case geomodel of the reservoirs to design a field development plan.
    - **Results:** Drilling campaign Boatou field with 4500bopd at start of production with 4-wells campaign.

### **04/2012-08/2015 Geologist, Cuu Long JOC, Vietnam**

- Evaluation of the clastic reservoirs behind casing (Su Tu Den, Su Tu Vang, Su Tu Nau and Su Tu Trang fields):
  - ✓ Interpretation of Core, LWD / gas data to define the zones of interest.
  - ✓ Building deterministic model for field development plan
    - **Result:** WO activity and infills wells with new clastic reservoirs put into production adding 5000bopd
- Follow up with geophysicist the Fracture reservoir well placement and Fracture model update.

- Participation to several data room in Vietnam, Thailand, Malaysia.

08/2011-03/2012      **Geologist, Perenco, London**

- Study of the carbonates Pinda formation with petrophysical interpretation and new geomodel integrating the core data and new paleoenvironment concept.
  - **Results:** Field development plan

01/2008-07/2011      **Geologist, Perenco, Gabon**

- responsible for the onshore Oba and offshore Mbya fields. Deterministic modelling with update after drilling campaign.
  - **Results:** 70 wells proposals produced onshore and offshore
- Operation geology follow-up with training of local staff.
  - ✓ Well correlation
  - ✓ Quick look analysis
  - ✓ Core acquisition programme.

01/2006-11/2007      **Geologist, Maurel et Prom, Paris**

- Building the facies-based clastic geomodel of the M'Boundi field In Congo, the Vandji clastics reservoirs:
  - ✓ Core data and well log interpretation
  - ✓ Rock typing analysis with creation of electro facies.
- Operation geology with generation of 30 well proposals for infill wells in M'Boundi field and operation follow up with wellsite geologist.

## SOFTWARE

- **Petrel:** expert level for structural modelling and property modelling (deterministic or stochastic modelling).
- **Interactive Petrophysics IP.** Deterministic log analysis, mineral solver log interpretation, NMR and RST interpretation, Saturation Height Analysis. Working knowledge in **Powerlog**, **Geolog7** and Basics in **Techlog**.
- Working knowledge with **Easytrace** for electro-facies identification and **ISATIS** for geostatistical analysis.

## EDUCATION

- 2005 Diploma of Petroleum Geology Engineering at ENSPM (IFP School), Paris, France
- 2004 Master Degree of Geology ("DEA"), University of Paris VI, France

## LANGUAGES

English (fluent), French (native), Spanish (working knowledge).