

CURRICULUM VITAE

Name: *Cristofanelli Enrico*
Date of birth: *23 Feb 1954 - Italian Citizen*
Education: *Graduated in Geology (year 1978 - 110 "cum laudem")*
Languages: *Italian, English, French and Portuguese*
Hobbies: *Motorbikes, bikes, photography ad all what is flying*
Present Occupation:
Last Position:
Associations: *AAPG & SPE*
Residence Address:
Telephone:
Email

PERSONAL HIGHLIGHT

I spent almost 35 years into the Oil & Gas Industry, mainly working into the Exploration domain including field Operations and the New Ventures Business Development.

During the last 15 years I was directly involved into the management of local foreign Branches. My duties were ranging from day by day activity follow up to PSCs negotiation, relationship with GVT/NOCs and Local / Regional bodies, operations (management and follow up, including procurement and related contracts issues.

Such experience included also a Reinstatement Project after a typhoon stroke damages, involving: FPSO, Mooring System, Pipelines and electrical power supply system.

I passed through the evolving approach to the E&P activities characterised by a constant and continuous responsiveness regarding the sustainability, people safety and environment preservation

PROFESSIONAL HISTORY SUMMARY

From	to	Function	Company
Oct 19 01 Jan 14	Oct 20 present	Teaching Project Management Silver Member	UNICAM Loccioni Industry
01 Jan 12	Dec. 2013	District Manager	eni China BV - Shenzhen
27 Oct 07	31Dec 11	General Manager	eni China BV - Beijing
01 Sept 06	Oct 07	General Manager	LLC eni Neftegaz – Moscow
June 06	Oct 07	General Manager	Manag Int. Services – Moscow
01 Sept 04	June 07	General Director	LLC Geopromtrans –Moscow
26 Jan 04	June 06	General Manager	eni Energy BV - Astrakhan

10 Jan 03	25 Jan 04	Astrakhan Project Manager	eni SpA E&P Division –Milan
19 Feb 02	31 Dec 02	General Manager	Agip Malta Explor BV-Malta
00 Jan 00	Feb 02	New Ventures & Expl. Prj Manager Africa & M. East	Agip SpA- Milan
July 98	Dec 1999	Exploration New Ventures Manager Africa & M. East	Agip SpA –Milan
Aug 97	June 1998	West Africa Deep Waters Project Manager	Agip SpA – Milan
June 95	July 1997	Exploration Manager	Agip Angola Expl BV-Luanda
Oct 93	May 1995	Chief Geophysicist	Agip Angola Expl. BV-Luanda
May 92	Sep 1993	Team Leader Geophysical Data Interpretation	Agip SpA - Milan
Aug 87	April 1992	Chief Geophysicist	Agip Reserches Congo
Dec 85	July 1987	Geophysicist	Agip SpA –Milan
Dec 81	Nov1985	Geophysicist	Agip Cote D'Ivoire –Abidjan
July 80	Nov 1981	Geophysicist	Agip SpA- Milan
Aug 78	June 1981	Training for all E&P Disciplines - Agip HQ	Agip SpA – Milan
Nov 73	March 78	University School of Geology Camerino Italy score 110 /110 cum Laudem	
Oct 68	June 73	High School “Liceo Classico” Italy score 50/60	

Note: Agip Spa was the eni SpA E&P Company, at present it is eni SpA E&P Division. All the Companies mentioned were Agip SpA affiliates, or at present time, eni SpA affiliates.

PROFESSIONAL BREAKDOWN

Period: From Oct 2019 to Oct 2020
Function: **Project Management Teacher**
Company: **UNICAM**
Country: Italy

With Project Management I try to familiarise the students with the industry method to plan, realise ad account any kind of work or project taking in account of course the costs, the expertise, the environment impact , the risk and the sustainability.

Period: From January 2014 to Present
Function: **Silver member**
Company: **Loccioni Group**
Country: Italy Ancona

The Silver team is a group of persons that spent their life in different industry or Universities and should provide their expertise to the Loccioni Group Management.

Period: From January 2012 to Dec 2013
Function: **District Manager**
Company: *Eni China BV*
Country: China - Shenzhen

After 4 years as GM in Beijing office, the Company ask me to move into the Shenzhen Operational Base for resuming the offshore exploration operations (two PSCS) and for taking care of the ongoing activity/Production in to the CACT Joint Ventures. Due to the above, from January 2012 I was appointed responsible of the Shenzhen eni China Operational District, this up to Dec. 2013. A NFCWC and a 3D survey have been completed, without any relevant HSE issue.

Period: From 27th Oct 2007 to Dec 31st, 2011
Function: **General Manager**
Company: *Eni China BV*
Country: China - Beijing

In October 2007 I was assigned to the eni China Beijing office with the aim to revamp the eni presence in PRC possibly obtaining new assets, both in conventional offshore) and unconventional domains, jointly with the Chinese NOCs.
On 2009 two new offshore PSCs were signed and an assessment Campaign (including data rooms and fields trips) for evaluating the unconventional resources potential (mainly shale Gas) was organised cooperatively with the NOCs.
According to the results, a negotiation process for JSAs followed the preliminary phase; the long period required is mainly due to the time necessary for the Country authorities to enforce a new legal framework for the unconventional resources.

Period: From 1st Sept 2006 to Oct 2007
Function: **Business Development Manager**
Company: *LLC EniNeftegaz*

Country: Russia - Moscow

To operate the new acquired licenses (Yamal Peninsula) a new Russian Company was registered and, before to move to my next assignment in China, I was appointed as Business Development Manager with the target to coordinate:

- all the necessary actions to assess the compliance status of the acquired licences with Russian laws and regulations,
- G&G studies & operations, economics evaluations, scouting/intelligence actions, local infrastructures assessment, relationships with all the local and federal bodies that may be involved in the future E&P activities.

Period: From June 2006 to Oct 2007

Function: **General Manager**

Company: *Eni Management Int. Services BV Russian branch*

Country: Russia - Moscow

On June 2006 the eni SpA affiliates present into the Russian Federation were reorganised to manage: a more consistent involvement in Russia, the costs and the necessary work force. Consequently, the all E&P activities have been unified into the Eni Management Int. Services BV Russian branch.

Period: From 1st Sept 2004 to June 2007

Function: **General Director**

Company: *LLC Geopromtrans*

Country: Russia - Moscow

At same time that the walk out process from the eni Energy BV project was under processing, a new exploration initiative become mature, this due to the good links established with local authorities and the Scientific Institutes operating into the southern areas of the Russian Federation. This new Exploration Project was consisting the 50% Russian Company LLC Geopromtrans acquisition. As soon as the SPA was implemented, I was empowered as General Director by the shareholders.

The LLC Geopromtrans portfolio was including 2 exploration licenses, carrying commitments as 2D & 3D surveys and two NFWCs.

All the Operations were performed without any HSE events, using both locals and international contractors, following the local and the international Oil Industry requirements and policies.

Period: From 26th Jan 2004 to June 2006

Function: **General Manager**

Company: *Eni Energy BV Astrakhan branch*

Country: Russia - Moscow

As GM of Eni Energy BV Astrakhan branch, I received the input to drastically mitigate the economic impact of the Severo Astrakhan Project. For achieving the target, it was necessary to: terminate the ongoing drilling operations (well in HPHT conditions), reduce as much as possible the impact of all the outstanding commitments and if possibly handover the project to the local partner. All was concluded in a reasonable way with results much less adverse (costs point of view) than expected.

Period: From 10th Jan 2003 to 25 Jan 2004
Function: **Project Manager of Astrakhan Project**
Company: *Eni E&P Division*
Country: Italy & Russia

The Astrakhan project already ongoing was facing discrepancies between the forecasted targets and the actual geological outcomes, an urgent assessment was asked by the Company management in view to mitigate the risks and the project costs. During this year, after a deep technical assessment of the project, it was planned a strategy changing, involving both the local partners and the Russian authorities in view to reduce or eliminate as much as possible the project commitments, anymore supported by the geological evidences.

Period: From 19th Feb 2002 to Dec. 2002
Function: **General Manager**
Company: *Agip Malta Expl. BV*
Country: Malta

The target of Agip Malta Exploration BV was to carry out all the activities and commitments related to the PSC signed with the Maltese GVT. The day by day was mainly focused on the drilling operations of Lampuko 1 well including all the required logistic support. At same time the relationships with the Maltese authorities (all inclusive) were taking a consistent part of the working time.

Period: From January 2000 to 18th Feb 2002
Function: **Manager New Ventures & Exploration Projects Africa & M. East**
(Department PRAF)
Company *Eni S.p.A.*
Country: Italy - Milan

The department was in charge of all new Exploration Ventures and new Exploration Projects for Africa and M. East. (Involved staff: six or seven Project Managers and Forty Geoscientists)
Some of the Projects, ongoing or finalised during this period are listed below:

Senegal/Guinea Bissau (AGC Area) - Cheval Marin Exploration Project:
management of the Exploration Activity on behalf of Agip Guibsen BV, - Planning Exploration G&G studies, Regional interpretation framework, follow up specialist services, Prospects generations and ranking, technical support and data room for farm-out operation.

Yemen:

Blocks 3&2 Integrated G&G Studies, Drilling Programs and Operations Planning.

Nigeria:

LNG Brass Upstream Study: G&G for Reservoir Study,

Oberan project and Udoro well post drilling appraisal,

Nigeria DW e UDW: Regional assessment and ranking of 15 OPLs,

OML 62 Beniboye and Tuomo 3 D, revised interpretation and prospects evaluation,

OPL 227 Evaluation Structural Interpretation 2D seismic Lines,

OPL 90/225 Evaluation of Addax form out Proposal,

OML 119 OPL 91 Seismic Interpretation of Okono structure - Appraisal Wells,

OML 116 Agbara 3D Pre-Stack Depth Migration Project Phase 1,

Agbara Integrated Multidisciplinary Project Seismic Stratigraphic & AVO study,
OML 63 Tebidaba Field area - Integrated preliminary interpretation,
OML 60/61/63 Deep Prospects Study including Basin Modelling & Migration Pathway.

Gabon: - Prospects evaluation and ranking after 3D seismic survey (M'Polo e Chaillu permits).

Mauritania: 3D survey interpretation, Prospects assessment, Follow-up drilling activities and assessment of the operator performances, (Chinguetti discovery, 1st Deep Water discovery in the Northern African Atlantic margin).

(OCM & TCM REPRESENTATIVES for Agip British Borneo Ltd)

West Africa Deep Water Project: Hydrocarbon quality prediction: Thermal State & Biodegradation, - First release of a database (Oracle) with all deep-water exploration data (from Nigeria to Angola)

<i>Period:</i>	From July 1998 to Dec 1999
<i>Function</i>	Manager Exploration New Ventures Africa & M. East (Department INEP)
<i>Company</i>	<i>Eni S.p.A.</i>
<i>Country:</i>	Italy - Milan

The above department was in charge of all New Exploration Ventures for Africa and M. East. Some of the main projects are listed below:

- Follow up partnership with Woodside in the Mauritania Deep Water (OCM & TCM representatives of Agip British Borneo)
- **Bid round Deep Offshore Senegal – Guinea Bissau, acquisition of the Cheval Marin permits ad agreement negotiation.**
- Bid Round Equatorial Guinea Deep Water
- Deep water plays study on the Atlantic African Northern Margin (from Morocco to Guinea Bissau)
- Central African Basin, Exploration Potential Study
- Assessment Exxon farm out offer for developing the Doba & Doseo Basin discoveries (Chad)
- Northern Gulf of Guinea Margin Regional Study
- South and East African Margins Exploration potential assessment

<i>Period:</i>	From August 1997 to June 1998
<i>Function:</i>	West Africa Deep Water Project Manager
<i>Company</i>	<i>Eni S.p.A.</i>
<i>Country:</i>	Italy - Milan

The West Africa Deep Water Project main target was to gather and share as much as possible all the data and geosciences leading edge methods coming from the different basins activities in view to highlight and mitigate the exploration Risks. A list of the main finalised study:

- Equatorial Guinea Deep Water plays regional assessment,
- Entire Nigerian Deep offshore regional assessment on behalf of NAE
- Deep Gabon Offshore Vanco Energy Farm out offer assessment
- Gabon Deep Water Bid Round, Exploration potential & economical assessment

- Congo Mer Tres Profonde Nord blocks; Start-up Exploration activities and manage the 1st TCM on behalf of Agip Recherches Congo.
- Gabon; Three Deep Water blocks assessment and data room on behalf of Agip Gabon

Period: From June 1995 to July 1997
Function: **Exploration Manager**
Company: *Agip Angola Exploration BV*
Country: Angola - Luanda

Main activity

- Deep Water Bid Round 98 and application for the Block 25
- Block 14 and 15 start up 1st exploration phase and 1st Discovery on Block 14
- Angolan Ultra Deep-Water preliminary assessment in view of a forthcoming bid round.
- Cabinda Blocks Follow up exploration and development activities

Period: From October 1993 to May 1995
Function: **Chief Geophysicist**
Società: *Agip Angola Exploration BV*
Country: Angola - Luanda

- Cabinda B& C Blocks residual potential assessment in view of the entrance in to the third Exploration Period
- Blocks 14 & 15 Preliminary Seismic Interpretation for 2D and 3D infilling acquisition
- Angolan Deep-Water Areas preliminary assessment in view of the 1997 & 1998 Bid Rounds

Period: From May 1992 to September 1993
Function: **Team Leader Geophysical Data Interpretation**
Company: *Agip S.p.A.*
Country: Italy - Milan

Leader of the Integrated Geophysical Data Interpretation Team:

- Po Valley Residual Hydrocarbon Potential assessment (ENI areas)
- Namibia Deep Off - shore Regional Study.
- Russian Blocks situated near the Kazakhstan boundaries Hydrocarbon Potential assessment (data room and negotiation in Oremburg).
- Boai Basin Gulf areas Hydrocarbon Potential assessment. Data Room and negotiations with the Chinese Oil Company

Period: From August 1987 to April 1992
Function: **Chief Geophysicist**
Company: *Agip Recherches Congo.*
Country: Congo - Pointe Noire

The Agip Recherches Congo the most relevant E&P activities were:

- Madingo Maritime (Loango e Zatchi Fields), Marine VI as operated blocks:
- Marine VII block acquisition and subsequent exploration activity as operator (Kitina Field Discovery)
- PNGF Block (5 fields on stream) in Partnership

Period: From December 1985 to July 1987
Function: **Geophysicist**
Company: *Agip S.p.A.*
Country: Italy - Milan

- HZ -21-1 Discovery Appraisals Activity and HZ - 33 - 1 NFWC (ACT Blocks -- China)
- Seismic project interpretation on behalf of Agip Algeria and location discovery well ROM 1

Period: From December 1981 to November 1985
Function: **Geophysicist**
Company: *Agip Cote D'Ivoire*
Country: Ivory Coast - Abidjan

Agip Cote D'Ivoire responsible for all geophysical activities for:

- 3 Operated Blocks A1, D1, E1 and seven commitment wells
- B1, C1 Blocks (including Espoir Field) in partnership.

Period: From July 1980 to November 1981
Function: **Geophysicist**
Company: *Agip S.p.A.*
Country: Italy - Milan

- Madingo Maritime Block seismic data interpretation for the final location of few NFWC wells (one of them, ZAM-1, was the discovery well of the Zatchi Field)

Period: From August 1978 to June 1981
Function: **Training**
Company: *Agip S.p.A.*
Country: Italy - Milan

The Training period was mainly based on:

- Seismic data acquisition and processing (6 months as supervisor for an on-shore acquisition crew),
- Electrical logs acquisition and interpretation
- 8 months as sub surface geologist in many Adriatic and Po Valley wells

MEMBERSHIPS

AAPG

SPE

PUBBLICATIONS

IPTC 16798

New Generation of Aluminum Drill Pipes Enhanced the ERD Performances in to the Huizhou Field – South China Sea

Abstract

This paper is to present the results of a important effort and continuous performances improvement into the ERD challenging drilling activity. CACT-OG is the operator of Huizhou HZ 25-4 oilfield in South China Sea, the discovery made in 2005 consisting in a multiple oil bearing The HZ 25-4 field is pertinent to the PSC 16/19 , central area of Pearl River mouth basin, and it is located 6 km southwest from the already operating HZ 19-2 platform, in a water depth of 102 meters. A total of 7 wells have been drilled so far, from HZ 19-2 platform in three different drilling campaigns. After the first three wells campaign, a number of technical challenges have been identified within them : ERD drilling experience level, excess torque and drag, shocks and vibrations, hole instability, hole cleaning and resulting pack off, high side force and casing wear, high ECD due to shallow TVD, losses due to the same leak off because of the increase of the measured depth (faults presence). For the second drilling campaign (2009-2011) a new methodological approach was planned including : a new engineering main curvature design, revised operations procedures and the implementation of newer used technologies such as: Aluminum Drill Pipes (first generation) and Continuous Circulating Devices,(e-cd eni technologies).The results were extremely promising in term of drilling risks reduction and cost saving. A further enhancement step has been achieved with the third drilling campaign in 2012. Taking in consideration the achieved experience, and the lesson learned, the operation plan has been fine tuned revising the procedures, and introducing new Aluminum Drill Pipes of second generation, specifically designed for open hole sections. The new methodological approach and the deployment of the new generation Aluminum Drill Pipes (ADP #2 generation) have had as result both: an amazing improvement in drilling performances specially for 12 1/4 section and a consistent budget saving for the overall project. We can say finally that, this specially conceived drilling approach, and the new technology deployment, may represent an impressive step forward for improving the drilling performances in to the ERD wells, helping to maintain the economic threshold of the Development project.