


Journal of
the Japanese Association for Petroleum Technology

The Japanese Association for Petroleum Technology

Available Issues | Japanese
>> Publisher Site

Author: <input style="width: 80%;" type="text"/>	ADVANCED	Volume	Page	
Keyword: <input style="width: 80%;" type="text"/>	Search	<input style="width: 50%;" type="text"/>	<input style="width: 50%;" type="text"/>	Go



[TOP](#) > [Available Issues](#) > [Table of Contents](#) > [Abstract](#)

ONLINE ISSN : 1881-4131

PRINT ISSN : 0370-9868

Journal of the Japanese Association for Petroleum Technology

Vol. 72 (2007) , No. 1 pp.51-64

[\[PDF \(10794K\)\]](#) [\[References\]](#)

**A view for further exploration potential and its key technologies based on exploration results of deep water offshore West Africa
—To explore turbidite sand reservoir in offshore Gabon and Angola—**

[Hisataka Inoue](#)¹⁾, [Hideki Nakahigashi](#)¹⁾ and [Kazuo Kudo](#)¹⁾

1) MC Exploration Co., Ltd.

(Received September 7, 2006)

(Accepted January 12, 2007)

Abstract: Deep water offshore West Africa is the most prolific petroleum exploration and production area in the last decade. “Golden Triangle” consists of US Gulf of Mexico, Brazil Campos and West Africa and is well known as three world class most prolific and promising deep water E&P areas. Especially, deep offshore Niger delta and Congo fan are the most prolific amongst them. 3D seismic data associated with advanced interpretation and visualization technique supported by recent powerful computer capability as well as sequence stratigraphy concept have contributed very efficiently to deep water success in West Africa. An approach utilizing seismic multi-attribute is the essential element for reservoir delineation and risk minimization because turbidite sand is significantly heterogeneous and thus development well spacing/positioning should be optimized by integrated reservoir study. A seismic-well log study example in deep water offshore Gabon is briefly introduced in this paper.

Key words: [deep water turbidite](#), [Niger delta](#), [Congo fan](#), [sequence stratigraphy](#), [3D seismic](#), [multi-attribute](#), [salt tectonics](#), [shale diaper](#)

[\[PDF \(10794K\)\]](#) [\[References\]](#)

Download Meta of Article[\[Help\]](#)

[RIS](#)

[BibTeX](#)

To cite this article:

Hisataka Inoue, Hideki Nakahigashi and Kazuo Kudo 2007: A view for further exploration potential and its key technologies based on exploration results of deep water offshore West Africa : —To explore turbidite sand reservoir in offshore Gabon and Angola— , J. JAPANESE. ASSOC. PETROL. TECHNOL., **72**: 1, 51-64 .

doi:10.3720/japt.72.51

JOI JST.JSTAGE/japt/72.51

Copyright (c) 2008 The Japanese Association for Petroleum Technology



[Japan Science and Technology Information Aggregator, Electronic](#)

