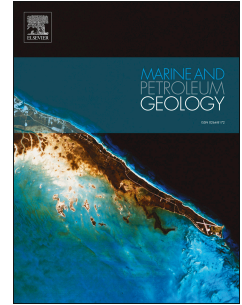


Accepted Manuscript

Geology of the Campanian M1 sandstone oil reservoir of eastern Ecuador: A delta system sourced from the Amazon Craton

Cristian Vallejo, Diego Tapia, Janeth Gaibor, Ron Steel, Mario Cardenas, Wilfried Winkler, Anne Valdez, Jose Esteban, Mariana Figuera, Jose Leal, Dario Cuenca



PII: S0264-8172(17)30277-5

DOI: [10.1016/j.marpetgeo.2017.07.022](https://doi.org/10.1016/j.marpetgeo.2017.07.022)

Reference: JMPG 3004

To appear in: *Marine and Petroleum Geology*

Received Date: 11 January 2017

Revised Date: 20 June 2017

Accepted Date: 23 July 2017

Please cite this article as: Vallejo, C., Tapia, D., Gaibor, J., Steel, R., Cardenas, M., Winkler, W., Valdez, A., Esteban, J., Figuera, M., Leal, J., Cuenca, D., Geology of the Campanian M1 sandstone oil reservoir of eastern Ecuador: A delta system sourced from the Amazon Craton, *Marine and Petroleum Geology* (2017), doi: 10.1016/j.marpetgeo.2017.07.022.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1 **Geology of the Campanian M1 sandstone oil reservoir of eastern**
2 **Ecuador: A delta system sourced from the Amazon Craton**

3

4 Cristian Vallejo¹, Diego Tapia.², Janeth Gaibor³, Ron Steel⁴, Mario Cardenas², Wilfried
5 Winkler⁵, Anne Valdez², Jose Esteban⁶, Mariana Figuera³, Jose Leal³, Dario Cuenca²

6

7 ¹ Departamento de Geología, Escuela Politécnica Nacional, Quito, Ecuador

8 ²Petroamazonas EP, Quito, Ecuador

9 ³Halliburton Latin America, Quito, Ecuador

10 ⁴Jackson School of Geosciences, University of Texas at Austin, 1 University Station
11 C1100, Austin, Texas

12 ⁵Department of Earth Sciences, ETH-Zurich, Switzerland

13 ⁶Departamento de Geodinámica, Facultad de Ciencia y Tecnología, Universidad del País
14 Vasco, Apdo. 644 – 48080 Bilbao, Spain

15

16 **Abstract**

17 The Campanian M1 sandstone Member of the Napo Formation is one of the main
18 reservoirs of the Capiron-Tiputini oil play system of the eastern part of the Oriente Basin
19 of Ecuador. This study presents a geological model for this reservoir at the Apaika and
20 Nenke oil fields included within the Block 31, and the Eden Yuturi oil field, operated by
21 PETROAMAZONAS EP. The geological characterization of the M1 sandstone is based

Download English Version:

<https://daneshyari.com/en/article/5782030>

Download Persian Version:

<https://daneshyari.com/article/5782030>

[Daneshyari.com](https://daneshyari.com)