
 Journal of
the Japanese Association for Petroleum Technology
The Japanese Association for Petroleum Technology 

[Available Issues](#) | [Japanese](#) >> [Publisher Site](#)

Author: [ADVANCED](#) | Volume Page
Keyword:



[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. 5 pp.487-499

[\[PDF \(7070K\)\]](#) [\[References\]](#)

Horizontal Drilling Operation in Abu Dhabi Oil Co., Ltd. (Japan)

[Hisataka Ido](#)¹⁾

1) Abu Dhabi Oil Co., Ltd. (Japan)

(Received July 31, 2007)

(Accepted September 14, 2007)

Abstract: Abu Dhabi Oil Co., Ltd. (ADOC) is currently operating the following three oil fields; Mubarraz, Umm Al-Anbar (AR) and Neewat Al-Ghalan (GA) Field. A total of 73 wells have been drilled in our fields since MR-1 was drilled as a wild cat well in 1969. Furthermore, a total of 23 re-entry horizontal drilling operations from existing wells have been carried out, in order to increase the rate of oil production and oil recovery since 1996. Drilling operations have improved dramatically due to improvements in various aspects such as drilling technology, drilling mud technology and cementing technology which have contributed to more efficient and reliable drilling operations and subsequently better production history. This paper presents ADOC's drilling operation with an emphasis on re-entry horizontal drilling, including well trajectory, drilling assembly, drilling bit, drilling mud, re-entry method and running and cementing of the production liner.

Key words: [Abu Dhabi](#), [re-entry horizontal drilling](#), [oil production](#), [oil recovery](#), [drilling mud](#), [well trajectory](#), [drilling assembly](#), [drilling bit](#), [liner](#)

[\[PDF \(7070K\)\]](#) [\[References\]](#)

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

[RIS](#)

[BibTeX](#)

To cite this article:

Hisataka Ido 2007: Horizontal Drilling Operation in Abu Dhabi Oil Co., Ltd. (Japan) , J.

doi:10.3720/japt.72.487

JOI JST.JSTAGE/japt/72.487

Copyright (c) 2008 The Japanese Association for Petroleum Technology



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

