Erratum to: Microfacies and environmental study of the Mishrif Formation in Noor Field

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Published online: 12 February 2015
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Erratum to: Arab J Geosci
DOI 10.1007/s12517-014-1589-2

The original version of this article, regrettably, contained errors. Figure images and captions did match, except for Figs. 1, 2 and 3.

The correct images and captions are given in this article.

The online version of the original article can be found at <http://dx.doi.org/10.1007/s12517-014-1589-2>.

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Fig. 1 Location map showing the distribution of the studied wells

Fig. 2 Map of Iraq and the Noor oil field location

Fig. 3 Tectonic map of Iraq (Al-Khadhimi et al. 1996)

1-1

2-1

1-2

Plate 1 1-1 Rudist in grainstone (no. 1, 3,342.64 m, $\times 35$). 1-2 Rudist and coral in grainstone (no. 1, 3,338 m, $\times 10$)

2-2

Plate 2 2-1 Planktonic Foraminifera (no. 1, 3,351.75 m, $\times 40$). 2-2 Benthonic Foraminifera (no. 1, 3,353.75 m, $\times 40$)

3-1

4-1

3-2

Plate 3 3-1 Calcareous algae and pelloids (no. 1, 3,372.5 m, $\times 35$). 3-2 Ooids (no. 2, 3,415.1 m, $\times 35$)

4-2

Plate 4 4-1 Micrite and sparite (no. 2, 3,414.2 m, $\times 35$). 4-2 Dolomitization process (3,417.2 m, no. 2)

5-1

6-1

5-2

Plate 5 5-1 Dissolution process (no. 2, 3,418.2 m). 5-2 Cementation process (no. 2, 3,417.5 m)

6-2

Plate 6 6-1 Micritization process (no. 2, 3,413.10 m, $\times 30$). 6-2 Recrystallization process (3,413.41 m, $\times 10$)

7-1

7-2

Plate 7 7-1 Stylolite process (pressure solution; no. 2, 3,416.3 m). 7-2 Deep marine environment (no. 1, 3,351.75 m, $\times 40$)

Fig. 4 Regional paleogeographic map showing facies distribution of the Mishrif Formation, southern Mesopotamian Basin (compiled from Buday 1980; Al-Mashhadani 1986; Aqrabi et al. 1998; Sadooni 2005; Jassim and Goff 2006; Aqrabi et al. 2010)

Fig. 5 Conceptual deposition environmental model for Mishrif carbonate platform

8-1

9-1

8-2

Plate 8 8-1 Shallow open marine environment (no. 1, 3,353.75 m, $\times 40$).
8-2 Rudist biostrome environment (no. 1, 3,341.64 m, $\times 35$)

9-2

Plate 9 9-1 Rudist shell fragments (shoal environment; no. 1, 3,374 m, $\times 35$). 9-2 *Chondrodonta* shells and rudist fragment (back shoal environment; no. 1, C-7, 3,424.5 m)

10-1

11-1

Plate 11 11-1 *Nezzazata* Foraminifera (lagoon environment, no. 1, 3,355.2 m)

10-1

Plate 10 10-1 Rudist shell fragment (back shoal environment, no. 1, 3,407.3 m, $\times 30$). 10-1 Miliolid Foraminifera (lagoon environment; no. 1, 3,356.70 m)

Fig. 6 Cross sections in Mishrif Formation in well nos. 8, 4, and 3

Fig. 7 Cross sections in Mishrif Formation in well nos. 5, 1, and 6

Fig. 8 Cross sections in Mishrif Formation in well nos. 2 and 7