

Petrophysics Vol. 61 No. 6, December 2020

### TABLE OF CONTENTS PAGE

## **ARTICLES**

#### A HISTORY OF NUCLEAR SPECTROSCOPY IN WELL LOGGING

Richard Pemper

PETROPHYSICS, VOL. 61, NO. 6 (DECEMBER 2020); PAGES 523–548; 19 FIGURES; 11 TABLES. **REFERENCE:** www.doi.org/10.30632/PJV61N6-2020a1

# FORMATION CHLORINE MEASUREMENT FROM SPECTROSCOPY ENABLES WATER SALINITY INTERPRETATION: THEORY, MODELING, AND APPLICATIONS

Jeffrey Miles, Laurent Mossé, and Jim Grau

PETROPHYSICS, VOL. 61, NO. 6 (DECEMBER 2020); PAGES 549–569; 21 FIGURES; 1 TABLE. **REFERENCE:** www.doi.org/10.30632/PJV61N6-2020a2

#### SELF-COMPENSATED PULSED-NEUTRON SPECTROSCOPY MEASUREMENTS

Tong Zhou, Dave Rose, Jeffrey Miles, Jason Gendur, Haijing Wang, and Michael Sullivan PETROPHYSICS, VOL. 61, NO. 6 (DECEMBER 2020); PAGES 570–584; 15 FIGURES; 1 TABLE. **REFERENCE**: www.doi.org/10.30632/PJV61N6-2020a3

# NEW GENERATION OF PULSED-NEUTRON MULTIDETECTOR COMPARISON IN A CHALLENGING MULTISTACK CLASTIC RESERVOIR: A CASE STUDY IN A BROWN FIELD, MALAYSIA

Dzulfadly Johare, Mohd Farid Mohd Amin, Adi Prasodjo, Sarah M. Afandi, and Rusli Din PETROPHYSICS, VOL. 61, NO. 6 (DECEMBER 2020); PAGES 585–599; 18 FIGURES; 1 TABLE. **REFERENCE**: www.doi.org/10.30632/PJV61N6-2020a4

# INTEGRATION OF NUCLEAR SPECTROSCOPY TECHNOLOGY AND CORE DATA RESULTS FOR THROUGH-CASING TOC MEASUREMENT AND SATURATION ANALYSIS: A CASE STUDY IN NAJMAH-SARGELU RESERVOIR, SOUTH KUWAIT

Ramdane Bouchou, Ali Abughneej, Monica Ghioca, Nora P. Alarcon, and Freddy E. Mendez PETROPHYSICS, VOL. 61, NO. 6 (DECEMBER 2020); PAGES 600–609; 9 FIGURES; 1 TABLE. **REFERENCE:** www.doi.org/10.30632/PJV61N6-2020a5

## MAXIMIZING THE VALUE OF PULSED-NEUTRON LOGS: A COMPLEX CASE STUDY OF GAS PRESSURE ASSESSMENT THROUGH CASING

Chiara Cavalleri, Gerrit Brouwer, Dimas Kodri, David Rose, and Jan-Bart Theodoor Brinks PETROPHYSICS, VOL. 61, NO. 6 (DECEMBER 2020); PAGES 610–622; 8 FIGURES; 1 TABLE. **REFERENCE**: www.doi.org/10.30632/PJV61N6-2020a6

## MULTIDETECTOR PULSED-NEUTRON TOOL APPLICATION IN A LOW-POROSITY RESERVOIR: A CASE STUDY IN MUTIARA FIELD, INDONESIA

Aditya Arie Wijaya, Rama Aulianagara, and Weijun Guo, Fetty Maria Naibaho, Fransiscus Xaverius Asriwan, and Usman Amirudin

PETROPHYSICS, VOL. 61, NO. 6 (DECEMBER 2020); PAGES 623-632; 12 FIGURES.

**REFERENCE:** www.doi.org/10.30632/PJV61N6-2020a7

## **HOW TO ACCESS ARTICLES**

**SPWLA Members** have access to journals through paid membership packages. Annual dues include digital issues of Petrophysics Journal. Sign into your account Visit tab Publications → Petrophysics Papers.

**Expired Membership**? Sign into your account <a href="https://www.spwla.org/SPWLA/Members/MemberHome.aspx">https://www.spwla.org/SPWLA/Members/MemberHome.aspx</a> to make payment. Reset maybe delayed by until the next SPWLA business day.

Become a member? Join now

https://www.spwla.org/SPWLA/Membership/Join Now/Become a Member.aspx?hkey=902c4b79-2640-4b86-a56b-609e20248ba6