A SYSTEM AND METHOD FOR FRACKING OF SHALE ROCK FORMATION

Abstract: The various embodiments of the present invention provide a system for tracking a plurality of shale rocks in a shale reservoir. The system comprises a shock tube for generating a plurality of shock waves, a support system for holding the shock tube, a guide tube for directing the shock waves into the shale reservoir, a perforated cylinder for releasing the high pressured shock waves on to the shale rocks and a plurality of packer systems for aligning the guide tube and the perforated cylinder inside the shale reservoir. The Shockwaves creates a plurality of fractures on the shale rocks. The Shockwaves further cause widening of the existing fractures on the shale rocks.
Published: 25 February 2016

— with international search report (Art. 21(3))

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
INTERNATIONAL SEARCH REPORT

PCT/IN2015/000166

A. CLASSIFICATION OF SUBJECT MATTER
E21B43/00 Version=2015.01

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
E21B43/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database consulted during the international search (name of database and, where practicable, search terms used)

IPO INTERNAL DATA BASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<tr>
<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>US20130220598 A1 (John L. Palumbo, Stephen A. Boyd) Publication date 29 August, 2013 Abstract, Figure-1, claim-1</td>
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<td>US20120043075 A1 (Obrashestvo S Ogranichennoi Otvetstvennost ju &quot;Sonovita&quot;) Publication date 23 February, 2012 Abstract, Figure-1, Page no-1, Paragraph-1 and 2</td>
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<td>US4895206 A (Price Ernest H) Publication date 23 January, 1990 Abstract, Figure-1, Page-1, Line no-8-15</td>
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Date of the actual completion of the international search
10-12-2015

Date of mailing of the international search report
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