

Truth in Testimony Disclosure Form

In accordance with Rule XI, clause 2(g)(5)*, of the *Rules of the House of Representatives*, witnesses are asked to disclose the following information. Please complete this form electronically by filling in the provided blanks.

Committee: Science, Space, and Technology

Subcommittee: Energy

Hearing Date: March 7, 2019

Hearing Subject:

Research focused on produced water minimization and beneficial secondary use.

Witness Name: Raman P Singh

Position/Title: Associate Dean and Head, School of Materials Science and Engineering

Witness Type: Governmental Non-governmental

Are you representing yourself or an organization? Self Organization

If you are representing an organization, please list what entity or entities you are representing:

College of Engineering, Architecture and Technology, Oklahoma State University

If you are a non-governmental witness, please list any federal grants, cooperative agreements, or contracts (including subgrants or subcontracts) related to the hearing's subject matter that you or the organization(s) you represent at this hearing received in the current calendar year and previous two calendar years. Include the source and amount of each grant, cooperative agreement, or contract. *If necessary, attach additional sheet(s) to provide more information.*

No current federal grants directly in subject area.

Current state funded grant: "Loading-rate and Constraint Dependent Hydraulic Fracturing of Shale: Optimizing Resource Extraction," Oklahoma Center for the Advancement of Science and Technology (OCAST), \$89,969, January 1st, 2017–December 31st, 2019, Principal Investigator along with James Puckette (co-PI).

If you are a non-governmental witness, please list any contracts or payments originating with a foreign government and related to the hearing's subject matter that you or the organization(s) you represent at this hearing received in the current year and previous two calendar years. Include the amount and country of origin of each contract or payment. *If necessary, attach additional sheet(s) to provide more information.*

None.

False Statements Certification

Knowingly providing material false information to this committee/subcommittee, or knowingly concealing material information from this committee/subcommittee, is a crime (18 U.S.C. § 1001). This form will be made part of the hearing record.



Witness signature

3/4/19

Date

If you are a non-governmental witness, please ensure that you attach the following documents to this disclosure. Check both boxes to acknowledge that you have done so.

- Written statement of proposed testimony
- Curriculum vitae

Rule III of the Rules of the Committee on Science, Space, and Technology provides:

(5) In the case of a witness appearing in a nongovernmental capacity, a written statement of proposed testimony shall include a curriculum vitae and a disclosure of any Federal grants, cooperative agreements, or contracts, or contracts or payments originating with a foreign government, received during the current calendar year or either of the two previous calendar years by the witness or by an entity represented by the witness and related to the subject matter of the hearing. The disclosure shall include the amount and source of each Federal grant (or subgrant thereof), cooperative agreement, or contract (or subcontract thereof) related to the subject matter of the hearing; and the amount and country of origin of any payment or contract related to the subject matter of the hearing originating with a foreign government. Such statements, with appropriate redactions to protect the privacy or security of the witness, shall be made publicly available in electronic form not later than one day after the witness appears.