

中-美页岩油气藏孔喉分布对油气相态与分布的基础研究

SPONSORED RESEARCH AGREEMENT FY17-ORA5-31

THIS AGREEMENT is entered into by and between the Board of Regents of the University of Oklahoma, a constitutional entity of the State of Oklahoma (hereinafter referred to as "University") and Yangtze University with principal offices at No. 1, Daxue Rd, Caidian District Wuhan, Hubei Province, China 430100 (hereinafter referred to as "Sponsor").

WITNESSETH

WHEREAS, the research program contemplated by this Agreement is of mutual interest and benefit to University and to Sponsor, will further the instructional and research objectives of University in a manner consistent with its status as a non-profit, state, educational institution, and may derive benefits for both Sponsor and University through the advancement of knowledge through discovery and the creation of new technologies;

NOW, THEREFORE, in consideration of the mutual promises contained herein, the parties agree to the following:

SECTION 1. DEFINITIONS

1.1 "Invention" shall mean any invention, discovery, improvement, concept, product, or idea made during the Project whether or not patentable or copyrightable, including but not limited to processes, machines, methods, computer software, formulas, and know-how directly relating thereto. An Invention is "made during the Project" if it arises from work performed pursuant to the Project conducted under this Agreement and is made during the Period of Performance.

1.2 "Joint Invention" shall mean all Inventions conceived and/or made jointly by one or more employees of University and by one or more employees of Sponsor.

1.3 "Period of Performance" is the term of this Agreement as set forth in **Section 3** below, unless earlier terminated as provided for in **Section 5**.

1.4 "Project" shall mean the research project entitled "Using Molecular Dynamics Simulation to Study Gas Phase and Flow Behaviors in Shale Formations" as described in **Appendix A**, under the direction of Dr. Xingru Wu as Principal Investigator.

1.5 "Sponsor Invention" shall mean all Inventions conceived and/or made solely by one or more employees of Sponsor.

1.6 "University Invention" shall mean all Inventions conceived and/or made solely by one or more employees of University.

SECTION 2. RESEARCH WORK

2.1 University does not guarantee specific research results but will exercise good faith efforts to perform the Project substantially in accordance with the terms and conditions of this Agreement. Sponsor understands that University's primary mission is education and advancement of knowledge and consequently the Project will be designed to carry out that mission.

2.2 The manner of performance of the Project shall be determined solely by the Principal Investigator. In the event the Principal Investigator becomes unable or unwilling to continue the Project and a mutually acceptable substitute is not available, either party shall have the option to terminate the Project.

identity, national origin, disability, political beliefs, or veteran's status; they do not maintain nor provide for their employees any segregated facilities, nor will the parties permit their employees to perform their services at any location where segregated facilities are maintained. In addition, the parties agree to comply with the applicable provisions of Section 504 of the Rehabilitation Act and the Vietnam Era Veteran's Readjustment Assistance Act of 1974, 38 U.S.C. § 4212.


11.13 The terms of this Agreement shall not be binding upon either of the parties hereto until it has been properly executed on behalf of each party to the Agreement in the spaces provided below. It is then effective as of the starting date of the period of performance.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed in duplicate by their duly authorized representatives on the dates set forth below.

YANGTZE UNIVERSITY

**THE BOARD OF REGENTS OF THE
UNIVERSITY OF OKLAHOMA**

BY: Lin Detwa
TITLE: _____
DATE: 12/9/2016

BY: 
TITLE: Andrea Deaton, CRA
Associate Vice President for Research
DATE: 12/9/16

READ AND UNDERSTOOD:

BY: Xingru Wu
Principal
Investigator

DATE: 12/9/2016

University of Oklahoma Norman Campus
Office of Research Services
Standard Invoice
OU Department No.

105425300



Invoice to:	Invoice Number	Amount Requested
Liu Dehua Petroleum Engineering College of Yangtze University No. 1, Daxue Rd., Caidian District Wuhan, Hubei Province, China 430100	105425300-1	\$40,000.00
	Agency Reference Number	BIF Agency
	FY17-ORA5-31	YANGTZE
Send Payment to:	Budget Amount	Amount Received to Date
University of Oklahoma Office of Research Services 201 Stephenson Parkway, Ste. 3100, Five Partners Place Norman, OK 73019 TIN 73-1377584	\$40,000.00	\$0.00
	Invoice Period	Project Period
	01/01/17 - 12/31/17	01/01/17 - 12/31/17

Title Using Molecular Dynamics Simulation to Study Gas Phase and Flow Behaviors in Shale Formations

Principal Investigator Dr. Xingru Wu

For the services, reports, and other itmes to be delivered hereunder the University of Oklahoma is now requesting payment in the amount of Forty Thousand Dollars and Zero Cents (\$40,000.00) which is due and payable unpon execution of this agreement.

AMOUNT NOW DUE \$40,000.00

International Wire Transfer Information

Chase Bank, N.A. (405) 231-7146
P. O. Box 25848
Oklahoma City, Oklahoma 73125-0848
Transit (ABA) Routing: 0210 0002 1
Account: 621012038
SWIFT CODE: CHASUS 33

By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812).

Suzanne Burgess

**Suzanne Burgess, CRA
Director, Post Award Services**

Date: 12/9/2016

Prepared by: Felicia Gipson, CRA fgipson@ou.edu

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