PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUIS F. QUINTERO	08/25/2015
DONALD WESTACOTT	09/02/2015

RECEIVING PARTY DATA

Name:	HALLIBURTON ENERGY SERVICES, INC.	
Street Address:	3000 N. SAM HOUSTON PARKWAY E.	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77032-3219	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15104509

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ATTORNEY DOCKET NUMBER:	1391-925.07
NAME OF SUBMITTER:	VY NGUYEN
SIGNATURE:	/Vy Nguyen/
DATE SIGNED:	06/14/2016

Total Attachments: 3

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PATENT 503871245 REEL: 038913 FRAME: 0152

ASSIGNMENT

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned inventor(s), for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, LUIS F. QUINTERO and DONALD WESTACOTT, having made an invention in "EFFECTIVE POROSITY DETERMINATION FOR TIGHT GAS FORMATIONS", while in the employment of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at 3000 N. Sam Houston Parkway E., Houston, TX 77032-3219, USA, (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to:

- 1. Said invention in "EFFECTIVE POROSITY DETERMINATION FOR TIGHT GAS FORMATIONS";
- 2. The U.S. Provisional Patent Application on said invention, filed concurrently herewith or as U.S. Provisional Patent Application No. 61/930,922 filed January 23, 2014, (Attorney's File No. 1391-925.00; attorney is authorized to fill in the application number and filing date after the USPTO assigns them), entitled "EFFECTIVE POROSITY DETERMINATION FOR TIGHT GAS FORMATIONS":
- 3. The International PCT Patent Application on said invention, filed concurrently herewith or as PCT Patent Application No. PCT/US2015/011255 filed January 13, 2015, (Attorney's File No. 1391-925.01; attorney is authorized to fill in the application number and filing date after the USPTO assigns them), entitled "EFFECTIVE POROSITY DETERMINATION FOR TIGHT GAS FORMATIONS";
- 4. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, whether in the United States of America or any other place anywhere in the world;
- 5. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
- 6. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes;
- 7. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;

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- 8. The right to ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
- 9. All international rights of priority associated with said invention, applications, patents and like protection; and

I (or We) covenant that I (or We), my (our) heirs, legal representatives, assigns, administrators, and executors will at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

,mmm	
EXECUTED at House (City)	(State) LUIS F. QUINTERO May of August
STATE OF TEXAS	§
COUNTY OF HELE	\$
QUINTERO, known to me instrument, and acknowledge consideration therein express	
GIVEN UNDER my hand a	and seal of office, this the 25 day of Age., 2015.
ISEARIA ZAS OS AS	Notary Public
My Commission Expires:	05/20/2017

	-		
EXECUTED at Houston, TX, on the 2nd day of September, 2015. (City) (State)			
2 La Caturett			
DONALD WESTACOTT			
STATE OF TEXAS § COUNTY OF SHAKEIS §			
BEFORE ME, the undersigned authority, on this day personally appeared DONALD WESTACOTT, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.			
GIVEN UNDER my hand and seal of office, this the 3nd day of September 2015.			
[SEAL MARY WOOD Notary Public, State of Texas My Commission Expires February 16, 2019 Notary Public Notary Public			
My Commission Expires: <u>2-16-2019</u>			