

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM447708

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Trademark Security Agreement		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
LOS ACQUISITION CO I LLC		10/17/2017	Limited Liability Company: DELAWARE
LIBERTY OILFIELD SERVICES LLC		10/17/2017	Limited Liability Company: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	U.S. Bank National Association, as Agent		
<b>Street Address:</b>	8 Greenway Plaza		
<b>Internal Address:</b>	Suite 1100		
<b>City:</b>	Houston		
<b>State/Country:</b>	TEXAS		
<b>Postal Code:</b>	77046		
<b>Entity Type:</b>	National Banking Association: UNITED STATES		
<b>PROPERTY NUMBERS Total: 9</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	4107221	SHOCKFRAC	
<b>Serial Number:</b>	87480891	LIBERTY OILFIELD SERVICES	
<b>Serial Number:</b>	87480903	LIBERTY	
<b>Serial Number:</b>	87481307	L	
<b>Serial Number:</b>	87481362	L	
<b>Serial Number:</b>	87480720	LIBERTY QUIET FLEET	
<b>Serial Number:</b>	87480835	LIBERTY QUIET	
<b>Serial Number:</b>	87480770	QUIET FLEET	
<b>Serial Number:</b>	87480999	LIBERTY SPIRIT	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	8602402701		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
<b>Phone:</b>	8602402935		
<b>Email:</b>	michelle.fournier@morganlewis.com		
<b>Correspondent Name:</b>	Michelle Fournier		

OP \$240.00 4107221

**Address Line 1:** One State Street  
**Address Line 2:** Morgan, Lewis & Bockius LLP  
**Address Line 4:** Hartford, CONNECTICUT 06103

**NAME OF SUBMITTER:** Michelle Walters Fournier

**SIGNATURE:** /Michelle Walters Fournier/

**DATE SIGNED:** 10/18/2017

**Total Attachments: 6**

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**TRADEMARK SECURITY AGREEMENT**

This TRADEMARK SECURITY AGREEMENT (this "Trademark Security Agreement") is made this 17th day of October, 2017, by and among Grantors listed on the signature pages hereof (collectively, jointly and severally, "Grantors" and each individually "Grantor"), and U.S. BANK NATIONAL ASSOCIATION, in its capacity as administrative agent for each member of the Lender Group (in such capacity, together with its successors and assigns in such capacity, "Agent").

WITNESSETH:

**WHEREAS**, pursuant to that certain Credit Agreement dated as of September 19, 2017 (as amended, restated, supplemented, or otherwise modified from time to time, the "Credit Agreement"), by and among Liberty Oilfield Services Holdings LLC, a Delaware limited liability company, as parent guarantor ("Parent Guarantor"), Liberty Oilfield Services LLC, a Delaware limited liability company ("Liberty"), LOS Acquisition CO I LLC, a Delaware limited liability company ("LOS", and together with Liberty, each a "Borrower" and individually and collectively, jointly and severally, the "Borrowers"), the lenders party thereto as "Lenders" (such Lenders, together with their respective successors and assigns in such capacity, each, individually, a "Lender" and, collectively, the "Lenders") and Agent, the Lender Group has agreed to make certain financial accommodations available to Borrowers from time to time pursuant to the terms and conditions thereof;

**WHEREAS**, the members of the Lender Group are willing to make the financial accommodations to Borrowers as provided for in the Credit Agreement, the other Loan Documents, but only upon the condition, among others, that Grantors shall have executed and delivered to Agent, for the benefit of Lender Group, that certain Guaranty and Security Agreement, dated as of September 19, 2017 (including all annexes, exhibits or schedules thereto, as from time to time amended, restated, supplemented or otherwise modified, the "Guaranty and Security Agreement"); and

**WHEREAS**, pursuant to the Guaranty and Security Agreement, Grantors are required to execute and deliver to Agent, for the benefit of the Lender Group, this Trademark Security Agreement.

**NOW, THEREFORE**, in consideration of the premises and mutual covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor hereby agrees as follows:

1. **DEFINED TERMS.** All initially capitalized terms used but not otherwise defined herein have the meanings given to them in the Guaranty and Security Agreement or, if not defined therein, in the Credit Agreement, and this Trademark Security Agreement shall be subject to the rules of construction set forth in Section 1(b) of the Guaranty and Security Agreement, which rules of construction are incorporated herein by this reference, *mutatis mutandis*.

2. GRANT OF SECURITY INTEREST IN TRADEMARK COLLATERAL. Each Grantor hereby unconditionally grants, assigns, and pledges to Agent, for the benefit of each member of the Lender Group, to secure the Secured Obligations, a continuing security interest (referred to in this Trademark Security Agreement as the "Security Interest") in all of such Grantor's right, title and interest in and to the following, whether now owned or hereafter acquired or arising (collectively, the "Trademark Collateral"):

(a) all of its Trademarks and Trademark Intellectual Property Licenses to which it is a party including those referred to on Schedule I;

(b) all goodwill of the business connected with the use of, and symbolized by, each Trademark and each Trademark Intellectual Property License; and

(c) all products and proceeds (as that term is defined in the Code) of the foregoing, including any claim by such Grantor against third parties for past, present or future (i) infringement or dilution of any Trademark or any Trademarks exclusively licensed under any Intellectual Property License, including right to receive any damages, (ii) injury to the goodwill associated with any Trademark, or (iii) right to receive license fees, royalties, and other compensation under any Trademark Intellectual Property License; provided that, notwithstanding the foregoing, Trademark Collateral shall not include any United States intent-to-use trademark applications to the extent that, and solely during the period in which, the grant of a security interest therein would impair the validity or enforceability of such intent-to-use trademark applications under applicable federal law; provided, that upon submission and acceptance by the PTO of an amendment to allege use pursuant to 15 U.S.C. Section 1060(a) (or any successor provision), such intent-to-use trademark application shall be considered Collateral.

3. SECURITY FOR SECURED OBLIGATIONS. This Trademark Security Agreement and the Security Interest created hereby secures the payment and performance of the Secured Obligations, whether now existing or arising hereafter. Without limiting the generality of the foregoing, this Trademark Security Agreement secures the payment of all amounts which constitute part of the Secured Obligations and would be owed by Grantors, or any of them, to Agent, the other members of the Lender Group or any of them, whether or not they are unenforceable or not allowable due to the existence of an Insolvency Proceeding involving any Grantor.

4. SECURITY AGREEMENT. The Security Interest granted pursuant to this Trademark Security Agreement is granted in conjunction with the security interests granted to Agent, for the benefit of the Lender Group, pursuant to the Guaranty and Security Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of Agent with respect to the Security Interest in the Trademark Collateral made and granted hereby are more fully set forth in the Guaranty and Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. To the extent there is any inconsistency between this Trademark Security Agreement and the Guaranty and Security Agreement, the Guaranty and Security Agreement shall control.

5. AUTHORIZATION TO SUPPLEMENT. If any Grantor shall obtain rights to any new trademarks, the provisions of this Trademark Security Agreement shall automatically apply

thereto. Grantors shall give prompt notice in writing to Agent with respect to any such new trademarks or renewal or extension of any trademark registration. Without limiting Grantors' obligations under this Section, Grantors hereby authorize Agent unilaterally to modify this Trademark Security Agreement by amending Schedule I to include any such new trademark rights of each Grantor. Notwithstanding the foregoing, no failure to so modify this Trademark Security Agreement or amend Schedule I shall in any way affect, invalidate or detract from Agent's continuing security interest in all Collateral, whether or not listed on Schedule I.

6. COUNTERPARTS. This Trademark Security Agreement is a Loan Document. This Trademark Security Agreement may be executed in any number of counterparts and by different parties on separate counterparts, each of which, when executed and delivered, shall be deemed to be an original, and all of which, when taken together, shall constitute but one and the same Trademark Security Agreement. Delivery of an executed counterpart of this Trademark Security Agreement by telefacsimile or other electronic method of transmission shall be equally as effective as delivery of an original executed counterpart of this Trademark Security Agreement. Any party delivering an executed counterpart of this Trademark Security Agreement by telefacsimile or other electronic method of transmission also shall deliver an original executed counterpart of this Trademark Security Agreement but the failure to deliver an original executed counterpart shall not affect the validity, enforceability, and binding effect of this Trademark Security Agreement.

7. CHOICE OF LAW AND VENUE, JURY TRIAL WAIVER, AND JUDICIAL REFERENCE PROVISION. THIS TRADEMARK SECURITY AGREEMENT SHALL BE SUBJECT TO THE PROVISIONS REGARDING CHOICE OF LAW AND VENUE, JURY TRIAL WAIVER, AND JUDICIAL REFERENCE SET FORTH IN SECTION 25 OF THE GUARANTY AND SECURITY AGREEMENT, AND SUCH PROVISIONS ARE INCORPORATED HEREIN BY THIS REFERENCE, *MUTATIS MUTANDIS*.

8. INTERCREDITOR AGREEMENT. NOTWITHSTANDING ANYTHING HEREIN TO THE CONTRARY, THE LIENS AND SECURITY INTERESTS GRANTED TO THE AGENT PURSUANT TO THIS TRADEMARK SECURITY AGREEMENT IN ANY COLLATERAL AND THE EXERCISE OF ANY RIGHT OR REMEDY BY THE AGENT WITH RESPECT TO ANY COLLATERAL HEREUNDER ARE SUBJECT TO THE PROVISIONS OF THE INTERCREDITOR AGREEMENT (AS DEFINED IN THE CREDIT AGREEMENT). IN THE EVENT OF ANY CONFLICT BETWEEN THE TERMS OF THE INTERCREDITOR AGREEMENT AND THIS TRADEMARK SECURITY AGREEMENT, THE TERMS OF THE INTERCREDITOR AGREEMENT SHALL GOVERN AND CONTROL.

[signature page follows]

IN WITNESS WHEREOF, the parties hereto have caused this Trademark Security Agreement to be executed and delivered as of the day and year first above written.

**GRANTORS:**

**LOS ACQUISITION CO I LLC,**  
a Delaware limited liability company

By: 

Name: Michael Stock

Title: Chief Financial Officer

**LIBERTY OILFIELD SERVICES LLC,**  
a Delaware limited liability company

By: 

Name: Michael Stock

Title: Chief Financial Officer

[SIGNATURE PAGE TO TRADEMARK SECURITY AGREEMENT]

**TRADEMARK**  
**REEL: 006184 FRAME: 0927**

ACCEPTED AND ACKNOWLEDGED BY:

AGENT:

U.S. BANK NATIONAL ASSOCIATION

By: Donald T. Hurrelbrink  
Name: Donald T. Hurrelbrink  
Its Authorized Signatory

[SIGNATURE PAGE TO TRADEMARK SECURITY AGREEMENT]

TRADEMARK  
REEL: 006184 FRAME: 0928

SCHEDULE I  
to  
TRADEMARK SECURITY AGREEMENT

**Trademark Registrations/Applications**

Grantor	Country	Mark	Application/ Registration No.	Reg/Filing Date
LOS Acquisition Co I LLC	United States of America	Shockfrac	4107221	3/6/2012
Liberty Oilfield Services LLC	United States of America	Liberty Oilfield Services	87480891	6/8/2017
Liberty Oilfield Services LLC	United States of America	Liberty	87480903	6/8/2017
Liberty Oilfield Services LLC	United States of America	L in our signature circle, black and white	87481307	6/8/2017
Liberty Oilfield Services LLC	United States of America	L in our signature circle, color	87481362	6/8/2017
Liberty Oilfield Services LLC	United States of America	Liberty Quiet Fleet	87480720	6/8/2017
Liberty Oilfield Services LLC	United States of America	Liberty Quiet	87480835	6/8/2017
Liberty Oilfield Services LLC	United States of America	Quiet Fleet	87480770	6/8/2017
Liberty Oilfield Services LLC	United States of America	Liberty Spirit	87480999	6/8/2017
LOS Acquisition Co I LLC	Canada	Shockfrac	TMA804762	8/18/2011
LOS Acquisition Co I LLC	Canada	CYCLEFRAC	TMA659649	2/22/2006
LOS Acquisition Co I LLC	Canada	SANSPAL	TMA659643	2/22/2006