

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3135341

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAMES S. JONES	12/03/2014
TIDEWATER OIL & GAS COMPANY, LLC	12/03/2014
RECEIVING PARTY DATA	
Name:	TEXAS LAND & CATTLE COMPANY, LLC
Street Address:	110 16TH STREET, SUITE 405
City:	DENVER
State/Country:	COLORADO
Postal Code:	80202
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	14561969
PCT Number:	US2014068853
CORRESPONDENCE DATA	
Fax Number:	(303)572-7883
<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>	
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Correspondent Name:	CLIFFORD A. SCHLECHT
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ATTORNEY DOCKET NUMBER:	080674-486249 & 486279
NAME OF SUBMITTER:	KRISTINE GOODMAN
SIGNATURE:	/Kristine Goodman/
DATE SIGNED:	12/05/2014
Total Attachments: 4	
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ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

Assignor/Inventor:

Name of Assignor: **James S. Jones**
City and State of Residence: **Denver, Colorado**

Assignor:

Tidewater Oil & Gas Company, LLC
110 16th Street, Suite 405
Denver, Colorado 80202

Assignee:

Texas Land & Cattle Company LLC
110 16th Street, Suite 405
Denver, Colorado 80202

PATENT APPLICATIONS SUBJECT TO THE ASSIGNMENT (the "Applications"):

- a Utility Patent Application in the United States (U.S.) titled "SYSTEM AND METHOD FOR IDENTIFYING AND PRODUCING UNCONVENTIONAL MINERALS FROM GEOLOGIC FORMATIONS", which can be identified in the USPTO by Application No. 14/561,969 filed on December 5, 2014 (the "Nonprovisional Application") with attorney docket no. 080674-486249; and
- an International Application titled "SYSTEM AND METHOD FOR IDENTIFYING AND PRODUCING UNCONVENTIONAL MINERALS FROM GEOLOGIC FORMATIONS", which can be identified as PCT Application No. PCT/US2014/068853, (the "Foreign Application") filed on December 5, 2014 with an attorney docket no. of 080674-486279.

WHEREAS, the Assignor/Inventor identified above has invented certain new and useful inventions for which the patent application for Letters Patent identified above has been prepared for filing with the United States Patent and Trademark Office.

NOW THEREFORE, for good and valuable consideration, including \$10 in hand paid, the receipt and sufficiency of which is acknowledged, Assignor/Inventor and Assignor (hereinafter "Assignor") have agreed to assign and transfer and does hereby assign and transfer unto the Assignee identified above, its successors and assigns, the entire right, title, and interest in and to said invention and the Application, including any provisional or non-provisional application to which said Application claims priority, and in and to any United States of America and foreign applications that claims priority to the Application, any divisional or continuation (in whole or in part) of said Application, and in and to any and all improvements in said invention made by Assignor/Inventor, and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in the United States of America and all foreign countries in its own name and any priority rights for such United States of America and foreign applications to which such applications or the Assignor are entitled under international conventions, treaties, or otherwise which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and

enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made;

Assignor/Inventor hereby revokes any previous assignment whether in writing or by implication;

Assignor further agrees for Assignor and for Assignor's heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as Assignor lawfully may, that may be deemed necessary by said Assignee, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid to obtain to maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

Assignor hereby authorizes Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the title, application number and filing date of the Application once known;

Assignor hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to said Assignee, as the assignee of the entire right, title, and interest therein.

Assignor and Assignee hereby agree that this assignment is governed by the laws of the state of Colorado of the United States of America and subject to the non-exclusive jurisdiction of the courts of the state of Colorado of the United States of America.

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date: 12/3/2014

By: James S. Jones
James S. Jones

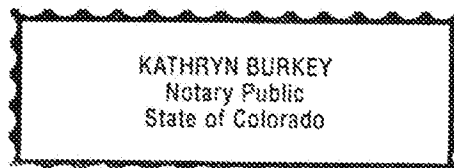
STATE OF Colorado)
COUNTY OF Denver) ss.

On this 3rd day of December, 2014, before me a Notary Public in and for said county, personally appeared James S. Jones, who executed the foregoing instrument and acknowledged that he signed, sealed and delivered the same instrument as a free and voluntary act for the purposes and considerations therein expressed.

(SEAL)

Kathryn Burkey
Notary Public

My commission expires: 5-12-2016



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49324320.1

PATENT
REEL: 034395 FRAME: 0691

Date: 12/3/2014

Tidewater Oil & Gas Company, LLC

By: [Signature]

James S. Jones, Manager

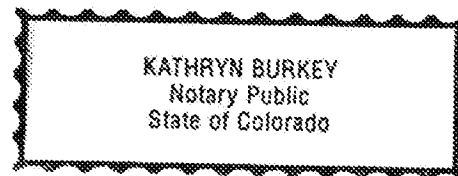
STATE OF Colorado)
COUNTY OF Denver) ss.

On this 3rd day of December, 2014, before me a Notary Public in and for said county, personally appeared James S. Jones, manager of Tidewater Oil & Gas Company, LLC who executed the foregoing instrument and acknowledged that he signed, sealed and delivered the same instrument as a free and voluntary act for the purposes and considerations therein expressed.

(SEAL)

[Signature]
Notary Public

My commission expires: 5-12-2016



ACCEPTANCE OF ASSIGNMENT

The Assignee hereby acknowledges and accepts the foregoing assignment of rights by Assignor.

IN TESTIMONY WHEREOF, the Assignee, by its undersigned officer, confirms its acceptance on the date and in the place set forth below.

Texas Land & Cattle Company, LLC

Date:

12/3/2014

By:

James S. Jones
Name: James S. Jones, Manager

STATE OF

Colorado

COUNTY OF

Denver

) ss.

On this 3rd day of December, 2014, before me a Notary Public in and for said county, personally appeared James S. Jones, manager of Texas Land & Cattle Company, LLC who executed the foregoing instrument and acknowledged that he signed, sealed and delivered the same instrument as a free and voluntary act for the purposes and considerations therein expressed.

(S E A L)

Kathryn Burkey
Notary Public

My commission expires:

5-12-2016

KATHRYN BURKEY
Notary Public
State of Colorado