

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ConocoPhillips Company</td> <td>06/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	ConocoPhillips Company	06/20/2013								
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CORRESPONDENCE DATA													

OP \$80.00 IB2013000783

Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 832.369.7852

Email: patent@boulwarevaloir.com

Correspondent Name: Boulware & Valoir

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Address Line 2: Suite 950

Address Line 4: Houston, TEXAS 77056

ATTORNEY DOCKET NUMBER:	COP:42062US
NAME OF SUBMITTER:	Christopher West
Signature:	/Christopher J. West/
Date:	07/11/2013

Total Attachments: 6

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ASSIGNMENT

WHEREAS, ConocoPhillips Company, located at 600 N. Dairy Ashford, MA 1135, Houston, TX 77079, U.S.A, hereinafter referred to as "ASSIGNOR," is the current holder of interest in the patent applications described in attached Exhibit A.

WHEREAS, ConocoPhillips Canada Resources Corp. and ConocoPhillips Surmont Partnership (collectively "ConocoPhillips"), located at 401 9th Avenue S.W. Calgary, AB T2P 2H7, Canada, and Total E&P Canada Ltd. ("Total"), located at Office of 2900, 240 4th Avenue SW Calgary, AB T2P 4H4 Canada, hereinafter referred to as "ASSIGNEES," are desirous of acquiring an interest in the invention and applications and in any letters patent that may be granted on the same;

THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby assign to ASSIGNEES the entire right, title and interest in and to said invention, said applications and any and all letters patent which may be granted for said invention anywhere throughout the world, including utility patents, petty patents and design patents, and in any and all divisions, continuations, continuations-in-part and related patents thereof, including the right to file foreign applications directly in the name of ASSIGNEES and to claim priority rights deriving from said application to which said foreign applications are entitled, said invention, applications and all letters patent on said invention to be held and enjoyed by ASSIGNEES and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment not been made.

ASSIGNOR hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEES.

ASSIGNOR agree at Assignees' expense to execute all instruments and documents required for the making and prosecution of patents and patent applications, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

THE PARTIES hereby grant Boulware & Valoir the power to perfect and record this assignment and to insert on Exhibit A any further patent identification that may be necessary or desirable in order to record this assignment.

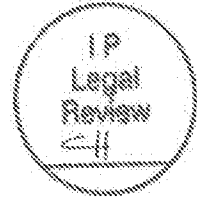
EXHIBIT A

APPLICATION NUMBER	FILING DATE	COUNTRY	TITLE
PCT/IB2013/000783	February 22, 2013	PCT	TOE CONNECTOR BETWEEN PRODUCER AND INJECTOR WELLS
13/774895	February 22, 2013	US	TOE CONNECTOR BETWEEN PRODUCER AND INJECTOR WELLS

IN WITNESS WHEREOF, ConocoPhillips Company, ASSIGNOR, has hereunto set its hand
this 20 day of June, 2013.

R.G. Sherry
Chief Technology Officer

ConocoPhillips Company

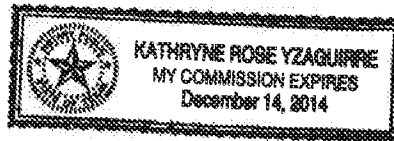


State of Texas §
County of Maricopa §

On this 20 day of June, 2013 before me, a Notary Public in and for the
State and County aforesaid, personally appeared R.G. Sherry known by me to be the
person of the above name who signed the foregoing instrument, and acknowledged the same to
be his own free act and deed.

Kathryne Rose Yzaguirre
Notary Public

My Commission Expires:
December 14, 2014




ConocoPhillips Surmont Partnership hereby accepts this assignment on this 3rd day of May, 2013.

ConocoPhillips Surmont Partnership, by its managing partner, ConocoPhillips Canada Resources Corp.

Per: 
Dominic Macklon
Vice President

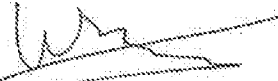
Canada §
Province of Alberta §

On this 31st day of May, 2013 before me, a Notary Public in and for the Province of Alberta aforesaid, personally appeared Dominic Macklon, in his capacity as an officer of the managing partner of ConocoPhillips Surmont Partnership, known by me to be the person of the above name who signed the foregoing instrument, and acknowledged the same to be his own free act and deed.


Alan Patterson Scott
A Notary Public in and for the Province of Alberta

My Commission Continues as an active member of the:
Law Society of Alberta

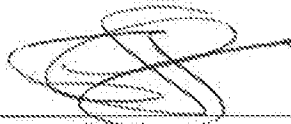
Total E&P Canada Ltd. hereby accepts this assignment on this 22nd day of April, 2013.



Total E&P Canada Ltd.

cs Province
State of _____ §
County of _____ §

On this 22nd day of April, 2013 before me, a Notary Public in and for the State and County aforesaid, personally appeared Vernique Giv known by me to be the person of the above name who signed the foregoing instrument, and acknowledged the same to be his own free act and deed.



Notary Public

My Commission Expires:

At the pleasure of the
Lieutenant Governor of Alberta