

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST IN TRADEMARKS PREVIOUSLY RECORDED AT REELS/FRAMES 003331/0693 AND 003574/0328.

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
PNC BANK, NATIONAL ASSOCIATION		02/12/2010	NATIONAL ASSOCIATION: UNITED STATES

RECEIVING PARTY DATA

Name:	ADVANCED SEISMIC TECHNOLOGY, INC.
Street Address:	1500 CITY WEST BLVD.
Internal Address:	SUITE 800
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77042
Entity Type:	CORPORATION: TEXAS

Name:	GEOKINETICS INC.
Street Address:	1500 CITY WEST BLVD.
Internal Address:	SUITE 800
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77042
Entity Type:	CORPORATION: DELAWARE

Name:	GRANT GEOPHYSICAL, INC.
Street Address:	1500 CITY WEST BLVD.
Internal Address:	SUITE 800
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77042
Entity Type:	CORPORATION: TEXAS

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Name:	GRANT GEOPHYSICAL CORP.
Street Address:	1500 CITY WEST BLVD.
Internal Address:	SUITE 800
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77042
Entity Type:	CORPORATION: TEXAS

Name:	GRANT SERVICES, INC.
Street Address:	1500 CITY WEST BLVD.
Internal Address:	SUITE 800
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77042
Entity Type:	CORPORATION: TEXAS

Name:	QUANTUM GEOPHYSICAL INC.
Street Address:	1500 CITY WEST BLVD.
Internal Address:	SUITE 800
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77042
Entity Type:	CORPORATION: TEXAS

Name:	TRACE ENERGY SERVICES LTD.
Street Address:	1500 CITY WEST BLVD.
Internal Address:	SUITE 800
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77042
Entity Type:	CORPORATION: TEXAS

Name:	TRACE ENERGY SERVICES, INC.
Street Address:	1500 CITY WEST BLVD.
Internal Address:	SUITE 800
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77042
Entity Type:	CORPORATION: TEXAS

Name:	GEOKINETICS HOLDINGS, INC.
Street Address:	ONE RIVERWAY
Internal Address:	SUITE 2100
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77056
Entity Type:	CORPORATION: TEXAS

Name:	GEOPHYSICAL DEVELOPMENT CORPORATION
Street Address:	ONE RIVERWAY
Internal Address:	SUITE 2100
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77056
Entity Type:	CORPORATION: TEXAS

Name:	GRANT GEOPHYSICAL (INT'L), INC.
Street Address:	16850 PARK ROW
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77084
Entity Type:	CORPORATION: TEXAS

PROPERTY NUMBERS Total: 10

Property Type	Number	Word Mark
Registration Number:	1959013	GRANT GEOPHYSICAL
Registration Number:	2476496	G
Registration Number:	3329082	GDC TILES
Registration Number:	3153091	ETHOS
Registration Number:	3114007	ETVIEW
Registration Number:	3156555	SOLID
Registration Number:	3147814	JROUGE
Registration Number:	3226728	GDCMOD
Registration Number:	3530976	GEOKINETICS
Registration Number:	3569707	G GEOKINETICS

CORRESPONDENCE DATA

Fax Number: (646)848-4455

TRADEMARK
REEL: 004170 FRAME: 0183

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

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ATTORNEY DOCKET NUMBER:	35614/111
NAME OF SUBMITTER:	TIMOTHY FRANKLIN
Signature:	/TIMOTHY FRANKLIN/
Date:	03/18/2010

Total Attachments: 7

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RELEASE OF SECURITY INTEREST IN TRADEMARKS

THIS RELEASE OF SECURITY INTEREST IN TRADEMARKS (this "Release") is made this 12th day of February, 2010, by PNC Bank, National Association, as agent for the Lenders (in such capacity "Agent").

WHEREAS, reference is made to (i) that certain Trademark Security Agreement, dated as of June 12, 2006, by and among Geokinetics Inc. and certain of its subsidiaries (collectively, "June Grantors") and Agent (as amended to date, the "Geokinetics Trademark Security Agreement") and (ii) that certain Trademark Security Agreement, dated as of September 8, 2006, by and among Geokinetics International Holdings, Inc. (f/k/a Grant Geophysical Inc.) and certain of its affiliates (collectively, the "September Grantors", and together with the June Grantors, collectively the "Grantors") and Agent (as amended to date, the "Grant Trademark Security Agreement", and together with the Geokinetics Trademark Security Agreement, each individually a "Trademark Security Agreement" and collectively the "Trademark Security Agreements").

WHEREAS, in connection with each Trademark Security Agreement, the applicable Grantors granted Agent, for the benefit of the Lenders (as defined in the applicable Trademark Security Agreement), a continuing security interest in all of the right, title and interest of Grantors in and to the trademark collateral identified therein (the "Trademark Collateral").

WHEREAS, the Geokinetics Trademark Security Agreement was recorded with the United States Patent and Trademark Office on June 16, 2006, at Reel 003331, Frame 0693, and the Grant Trademark Security Agreement was recorded with the United States Patent and Trademark Office on July 5, 2007, at Reel 003574 Frame 0328.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Agent hereby irrevocably and forever releases, terminates, re-

assigns and discharges any and all of its security interests in and to the Trademark Collateral including, without limitation, the Trademarks described in the schedules attached to the Trademark Security Agreement and attached as Exhibit A hereto. Further, Agent understands and agrees that that this Release may be recorded by or for the Grantors with the United States Patent and Trademark Office and any other similar office or agency throughout the world. Agent also agrees, solely at the expense of the Grantors, to execute any other documents and take any further action reasonably necessary in any state, country or jurisdiction that the Grantors may reasonably require to effect the intent and purpose of this Release.

This Release shall be governed by and construed in accordance with the laws of the State of Texas without regard to conflicts of law principles.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, Agent has caused this Release to be duly executed by its authorized officer as of the day and year first written above.

PNC BANK, NATIONAL ASSOCIATION, as Agent

By: E. Niki Stone
Name: E. Niki Stone
Title: VP-PNCB

EXHIBIT A

LIST OF TRADEMARKS AND TRADEMARK APPLICATIONS

(see attached)

EXHIBIT A

Intellectual Property, Source Code Escrow Agreements

Geophysical Development Corporation - Trademark Applications

	Description	1st Used	Filing Date	Office action submission	Response due
GDC Tiles	Rock property database segmented by geographic area for well modeling.	2004	24-Mar-05	28-Oct-05	18-July-07


Geophysical Development Corporation - Registered Trademarks

Trademark Name	Description	1st Used	Filing Date	Office action submission	Date Registered	Registration No.
Solid	Full elastic modeling package	1982	24-Mar-05	19-Oct-05	17-Oct-06	3,136,555
Jrouge	Rock property analysis application for specific geographic areas	2000	24-Mar-05	18-Oct-05	26-Sept-06	3,147,814
GDCMOD	Well log modeling application for AVO	1989	24-Mar-05	6-Feb-06	10-Apr-07	3,226,728
ETHOS	Proprietary seismic data processing system	1995	24-Mar-05	25-Oct-05	10-Oct-06	3,153,091
ETVIEW	Seismic data processing viewing application	1995	24-Mar-05	9-Jan-06	11-July-06	3,114,007

Grant Geophysical, Inc.

Trademark Name	Description of Trademark	First Used	Filing Date	Date Registered	Registration Number
Cajun Exploration	Louisiana Trademark Class 35-Data Acquisition Services for Geophysical Analysis Class 42-Seismic Exploration Services	February 10, 1982	February 27, 1995	March 1, 1995	030195
G Design	Federal Trademark Class 42-Geophysical Exploration Services for the Oil and Gas Industry	August 17, 1999	August 25, 1999	August 7, 2001	2,476,496
Grant Geophysical	Federal Trademark Class 42-Geophysical Data Acquisition Services	September 1993	April 28, 1995	February 27, 1996	1,959,013

Geokinetics Inc. – REGISTERED TRADEMARKS

<u>Name of Grantor</u>	<u>Trademark</u>	<u>Registration Date</u>	<u>Registration Number</u>
Geokinetics Inc.	“Geokinetics” for Geophysical Services for the Oil and gas Industries, Namely, Seismic Data Acquisition and Processing, in Class 42	November 11, 2008	3,530,976
Geokinetics Inc.	 <p>for Geophysical Services for the Oil and gas Industries, Namely, Seismic Data Acquisition and Processing, in Class 42</p>	February 3, 2009	3,569,707