

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OF THE FOLLOWING INFORMATION FROM THIS INSTRUMENT BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

MEMORANDUM OF PRODUCTION ALLOCATION AGREEMENT

THE STATE OF TEXAS §
 §
COUNTY OF HOWARD §

KNOW ALL MEN BY THESE PRESENTS:

THAT this Memorandum of Production Allocation Agreement is made effective the 1st day of April, 2016, between **Kaitlin Elise Melka**, whose address is 410 E. 6th Street, Apt. 6, Odessa, TX 79761-4538 ("**Interest Owner**") and **Laredo Petroleum, Inc.**, whose address is 15 West 6th Street, Suite 900, Tulsa, Oklahoma 74119 ("**Operator**").

WITNESSETH:

1.
Interest Owner and Operator have entered into that certain Production Allocation Agreement ("**Agreement**") dated effective April 1, 2016 covering the Oil, Gas and Mineral Lease dated November 16, 1982, recorded in Vol. 543, Page 732, Official Public Records of Howard County, Texas, which includes the following Lands associated therewith and described herein in Howard County, Texas;

N/2 of Section 36, Blk. 34, T-1-S, T&P RR Co. Survey, Howard County, Texas

2.

The sole purpose of the Agreement is to govern the allocation of royalties from any and all oil and/or gas produced from a horizontal well intended to be drilled and that will traverse the above described tracts of land. This instrument is executed and recorded solely for the purpose of affording notice of the existence of such Production Allocation Agreement and shall not amend, alter or otherwise affect the terms, provisions and conditions of said agreement.

IN WITNESS WHEREOF, this instrument is executed on the date first above written.

INTEREST OWNER:

By: Kaitlin Elise Melka

Name: Kaitlin Elise Melka

OPERATOR:

LAREDO PETROLEUM, INC., a Delaware corporation

By: Greg G. Brown
Greg G. Brown, Attorney-In-Fact GG

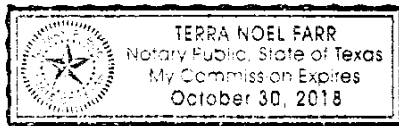
NOTARY ACKNOWLEDGMENTS

STATE OF TEXAS §

COUNTY OF Ector §

This instrument was acknowledged before me on May 2nd, 2016, by

Kaitlin Elise Melka.



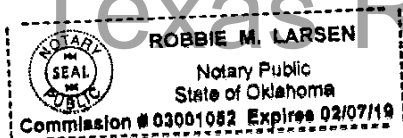
Terra Noel Farr
Notary Public in and for the State of Texas

STATE OF OKLAHOMA §

COUNTY OF TULSA §

This instrument was acknowledged before me on May 10, 2016, by

Greg G. Brown, as Attorney-In-Fact for and on behalf of Laredo Petroleum, Inc., a Delaware corporation.



Robbie M. Larsen
Notary Public in and for the State of Oklahoma

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First B/V/P of this recording: B: OPR V: 1539 P: 446 Page 3 of 3



STATE OF TEXAS
COUNTY OF HOWARD

I hereby certify that this instrument was filed on the date and time stamped hereon by me and was duly recorded in the Volume and Page stamped here on of the Named Records of Howard County, as stamped hereon by me.

Donna Wright, County Clerk

Recorded By: Angela Wiley Deputy

ANY PROVISION CONTAINED IN ANY DOCUMENT WHICH RESTRICT THE SALE, RENTAL, OR USE OF THE REAL PROPERTY DESCRIBED THEREIN BECAUSE OF RACE OR COLOR IS INVALID UNDER FEDERAL LAW AND IS UNENFORCEABLE.

Record and Return To: LAREDO PETROLEUM INC
15 WEST 6TH STREET
SUITE 900
TULSA, OK 74119