

Bond No. LPM9213158

PAYMENT AND PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS,

THAT we, Tabula Rasa Energy, LLC, as Principal, and Fidelity and Deposit Company of Maryland, 1400 American Lane, Schaumburg, IL 60196, as Surety, are held and firmly bound unto the County Commissioners of Huerfano County, Colorado, Huerfano County Courthouse, Walsenburg, Colorado 81089, as Oblige, in the sum of Five Thousand and No/100 Dollars (\$5,000.00) for which sum, well and truly to be paid, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT,

Whereas, the Principal has been or is about to be granted a permit by the Oblige to drill and/or operate the Location ID #324578; Location Name/Area: Andreatta NESW of Section10, Township 29 South, Range 69 West, Huerfano County, Colorado; Well Name/API: Andreatta #2 / 55-06302; County CUP: 08-040.

NOW, THEREFORE, if the Principal shall indemnify and save harmless the Oblige against loss to which the Oblige may be subject by reason of the Principal's breach of any ordinance, rule or regulation relating to the above described license or permit and shall plug and abandon the well and remediate the well site, then this obligation shall be null and void, otherwise to remain in full force and effect.

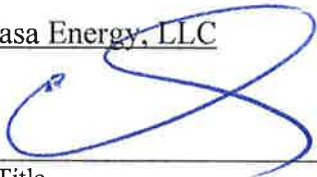
THIS IS A CONTINUING OBLIGATION and shall not be discharged by one recovery by the Oblige but for each breach hereof a successive recovery may be had until the total amount of recoveries exhausts the amount of this Bond. This Bond is to cover all work done by said Principal, his agent or contractor under the aforesaid order for a period of one (1) year from the date hereof.

PROVIDED, FURTHER, that the liability of the Principal and the Surety shall in no event exceed Five Thousand and No/100 Dollars (\$5,000.00) regardless of the number of years this Bond shall remain in force and effect.

SIGNED, sealed and dated this 18th day of March 2016.

Tabula Rasa Energy, LLC

By: _____
Name and Title



Carla D. Nims
Controller
Tabula Rasa Partners, LLC

Fidelity and Deposit Company of Maryland



Desiree E. Westmoreland, Attorney-in-Fact

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **THOMAS O. MCCLELLAN, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Bret S. BURTON, Tim H. HEFFEL, Desiree E. WESTMORELAND, Timothy Craig Smith, David B. McKinney, Simon KINDEL and Ivey M. BECK, all of Wichita, Kansas, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York, the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 11th day of February, A.D. 2016.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



Eric D. Barnes

By: _____

*Secretary
Eric D. Barnes*

Thomas O. McClellan

*Vice President
Thomas O. McClellan*

State of Maryland
County of Baltimore

On this 11th day of February, A.D. 2016, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **THOMAS O. MCCLELLAN, Vice President, and ERIC D. BARNES, Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Maria D. Adamski

*Maria D. Adamski, Notary Public
My Commission Expires: July 8, 2019*



Bond No. LPM9213159

PAYMENT AND PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS,

THAT we, Tabula Rasa Energy, LLC , as Principal, and Fidelity and Deposit Company of Maryland, 1400 American Lane, Schaumburg, IL 60196, as Surety, are held and firmly bound unto the County Commissioners of Huerfano County, Colorado, Huerfano County Courthouse, Walsenburg, Colorado 81089, as Oblige, in the sum of Ten Thousand and No/100 Dollars (\$10,000.00) for which sum, well and truly to be paid, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT,

Whereas, the Principal has been or is about to be granted a permit by the Oblige to drill and/or operate the Location ID#32565; Location Name/Area: Caddell SESE #1 of Section 4, Township 29 South, Range 69 West, Huerfano County, Colorado; Well Name/API: Caddell #1 / 55-06285; County CUP: 02-044.

NOW, THEREFORE, if the Principal shall indemnify and save harmless the Oblige against loss to which the Oblige may be subject by reason of the Principal's breach of any ordinance, rule or regulation relating to the above described license or permit and shall plug and abandon the well and remediate the well site, then this obligation shall be null and void, otherwise to remain in full force and effect.

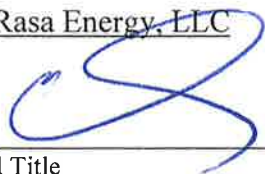
THIS IS A CONTINUING OBLIGATION and shall not be discharged by one recovery by the Oblige but for each breach hereof a successive recovery may be had until the total amount of recoveries exhausts the amount of this Bond. This Bond is to cover all work done by said Principal, his agent or contractor under the aforesaid order for a period of one (1) year from the date hereof.

PROVIDED, FURTHER, that the liability of the Principal and the Surety shall in no event exceed Ten Thousand and No/100 Dollars (\$10,000.00) regardless of the number of years this Bond shall remain in force and effect.

SIGNED, sealed and dated this 18th day of March 2016.

Tabula Rasa Energy, LLC

By: _____
Name and Title



Carla D. Nims
Controller
Tabula Rasa Partners, LLC

Fidelity and Deposit Company of Maryland



Desiree E. Westmoreland, Attorney-in-Fact

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **THOMAS O. MCCLELLAN, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Bret S. BURTON, Tim H. HEFFEL, Desiree E. WESTMORELAND, Timothy Craig Smith, David B. McKinney, Simon KINDEL and Ivey M. BECK, all of Wichita, Kansas, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York, the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 11th day of February, A.D. 2016.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



By: *Eric D. Barnes*
Secretary
Eric D. Barnes

Thomas O. McClellan
Vice President
Thomas O. McClellan

State of Maryland
County of Baltimore

On this 11th day of February, A.D. 2016, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **THOMAS O. MCCLELLAN, Vice President, and ERIC D. BARNES, Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Maria D. Adamski



Maria D. Adamski, Notary Public
My Commission Expires: July 8, 2019

Bond No. LPM9213160

PAYMENT AND PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS,

THAT we, Tabula Rasa Energy, LLC , as Principal, and Fidelity and Deposit Company of Maryland, 1400 American Lane, Schaumburg, IL 60196, as Surety, are held and firmly bound unto the County Commissioners of Huerfano County, Colorado, Huerfano County Courthouse, Walsenburg, Colorado 81089, as Obligee, in the sum of Five Thousand and No/100 Dollars (\$5,000.00) for which sum, well and truly to be paid, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT,

Whereas, the Principal has been or is about to be granted a permit by the Obligee to drill and/or operate the Location ID# 324577; Location Name/Area: Cougar NENW of Section 9, Township 29 South, Range 69 West, Huerfano County, Colorado; Well Name/API: Cougar #1A / 55-06301; County CUP: 08-018 as amended.

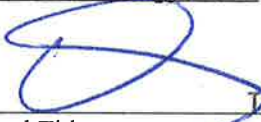
NOW, THEREFORE, if the Principal shall indemnify and save harmless the Obligee against loss to which the Obligee may be subject by reason of the Principal's breach of any ordinance, rule or regulation relating to the above described license or permit and shall plug and abandon the well and remediate the well site, then this obligation shall be null and void, otherwise to remain in full force and effect.

THIS IS A CONTINUING OBLIGATION and shall not be discharged by one recovery by the Obligee but for each breach hereof a successive recovery may be had until the total amount of recoveries exhausts the amount of this Bond. This Bond is to cover all work done by said Principal, his agent or contractor under the aforesaid order for a period of one (1) year from the date hereof.

PROVIDED, FURTHER, that the liability of the Principal and the Surety shall in no event exceed Five Thousand and No/100 Dollars (\$5,000.00) regardless of the number of years this Bond shall remain in force and effect.

SIGNED, sealed and dated this 18th day of March, 2016

Tabula Rasa Energy, LLC

By:  **Carla D. Nims**
Controller
Name and Title Tabula Rasa Partners, LLC

Fidelity and Deposit Company of Maryland


Desiree E. Westmoreland, Attorney-in-Fact

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **THOMAS O. MCCLELLAN, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Bret S. BURTON, Tim H. HEFFEL, Desiree E. WESTMORELAND, Timothy Craig Smith, David B. McKinney, Simon KINDEL and Ivey M. BECK, all of Wichita, Kansas, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York, the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 11th day of February, A.D. 2016.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



Eric D. Barnes

By: _____

*Secretary
Eric D. Barnes*

Thomas O. McClellan

*Vice President
Thomas O. McClellan*

**State of Maryland
County of Baltimore**

On this 11th day of February, A.D. 2016, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **THOMAS O. MCCLELLAN, Vice President, and ERIC D. BARNES, Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Maria D. Adamski

*Maria D. Adamski, Notary Public
My Commission Expires: July 8, 2019*



Bond No. LPM9213161

PAYMENT AND PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS,

THAT we, Tabula Rasa Energy, LLC , as Principal, and Fidelity and Deposit Company of Maryland, 1400 American Lane, Schaumburg, IL 60196, as Surety, are held and firmly bound unto the County Commissioners of Huerfano County, Colorado, Huerfano County Courthouse, Walsenburg, Colorado 81089, as Oblige, in the sum of Five Thousand and No/100 Dollars (\$5,000.00) for which sum, well and truly to be paid, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT,

Whereas, the Principal has been or is about to be granted a permit by the Oblige to drill and/or operate the Location ID#334513; Location Name/Area: Harry Willis SENE of Section 4, Township 29 South, Range 69 West, Huerfano County, Colorado; Well Names/API: Harry Willis #1 / 55-06142 and Harry Willis #2 / 55-06143; County CUP: 96-33B.

NOW, THEREFORE, if the Principal shall indemnify and save harmless the Oblige against loss to which the Oblige may be subject by reason of the Principal's breach of any ordinance, rule or regulation relating to the above described license or permit and shall plug and abandon the well and remediate the well site, then this obligation shall be null and void, otherwise to remain in full force and effect.

THIS IS A CONTINUING OBLIGATION and shall not be discharged by one recovery by the Oblige but for each breach hereof a successive recovery may be had until the total amount of recoveries exhausts the amount of this Bond. This Bond is to cover all work done by said Principal, his agent or contractor under the aforesaid order for a period of one (1) year from the date hereof.

PROVIDED, FURTHER, that the liability of the Principal and the Surety shall in no event exceed Five Thousand and No/100 Dollars (\$5,000.00) regardless of the number of years this Bond shall remain in force and effect.

SIGNED, sealed and dated this 18th March 2016

Tabula Rasa Energy, LLC

By: _____
Name and Title


Carla D. Nims
Controller
Tabula Rasa Partners, LLC

Fidelity and Deposit Company of Maryland


Desiree E. Westmoreland, Attorney-in-Fact

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **THOMAS O. MCCLELLAN, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Bret S. BURTON, Tim H. HEFFEL, Desiree E. WESTMORELAND, Timothy Craig Smith, David B. McKinney, Simon KINDEL and Ivey M. BECK, all of Wichita, Kansas, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York, the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 11th day of February, A.D. 2016.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



By: *Eric D. Barnes*
Secretary
Eric D. Barnes

Thomas O. McClellan
Vice President
Thomas O. McClellan

State of Maryland
County of Baltimore

On this 11th day of February, A.D. 2016, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **THOMAS O. MCCLELLAN, Vice President, and ERIC D. BARNES, Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Maria D. Adamski



Maria D. Adamski, Notary Public
My Commission Expires: July 8, 2019

Bond No. LPM9213162

PAYMENT AND PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS,

THAT we, Tabula Rasa Energy, LLC , as Principal, and Fidelity and Deposit Company of Maryland, 1400 American Lane, Schaumburg, IL 60196, as Surety, are held and firmly bound unto the County Commissioners of Huerfano County, Colorado, Huerfano County Courthouse, Walsenburg, Colorado 81089, as Obligees, in the sum of Five Thousand and No/100 Dollars (\$5,000.00) for which sum, well and truly to be paid, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT,

Whereas, the Principal has been or is about to be granted a permit by the Obligees to drill and/or operate the Location ID#324510; Location Name/Area: Harry Willis SENW of Section 4, Township 29 South, Range 68 West, Huerfano County, Colorado; Well Name/API: Harry Willis #3 / 55-06144; County CUP: 97-09.


NOW, THEREFORE, if the Principal shall indemnify and save harmless the Obligees against loss to which the Obligees may be subject by reason of the Principal's breach of any ordinance, rule or regulation relating to the above described license or permit and shall plug and abandon the well and remediate the well site, then this obligation shall be null and void, otherwise to remain in full force and effect.

THIS IS A CONTINUING OBLIGATION and shall not be discharged by one recovery by the Obligees but for each breach hereof a successive recovery may be had until the total amount of recoveries exhausts the amount of this Bond. This Bond is to cover all work done by said Principal, his agent or contractor under the aforesaid order for a period of one (1) year from the date hereof.

PROVIDED, FURTHER, that the liability of the Principal and the Surety shall in no event exceed Five Thousand and No/100 Dollars (\$5,000.00) regardless of the number of years this Bond shall remain in force and effect.

SIGNED, sealed and dated this 18th March 2016.

Tabula Rasa Energy, LLC

By: 
Name and Title **Carla D. Nims**
Controller
Tabula Rasa Partners, LLC

Fidelity and Deposit Company of Maryland


Desiree E. Westmoreland, Attorney-in-Fact

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **THOMAS O. MCCLELLAN, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Bret S. BURTON, Tim H. HEFFEL, Desiree E. WESTMORELAND, Timothy Craig Smith, David B. McKinney, Simon KINDEL and Ivey M. BECK, all of Wichita, Kansas, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York, the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 11th day of February, A.D. 2016.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



By: *Eric D. Barnes*
Secretary
Eric D. Barnes

Thomas O. McClellan
Vice President
Thomas O. McClellan

State of Maryland
County of Baltimore

On this 11th day of February, A.D. 2016, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **THOMAS O. MCCLELLAN, Vice President, and ERIC D. BARNES, Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Maria D. Adamski



Maria D. Adamski, Notary Public
My Commission Expires: July 8, 2019

Bond No. LPM9213163

PAYMENT AND PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS,

THAT we, Tabula Rasa Energy, LLC, as Principal, and Fidelity and Deposit Company of Maryland, 1400 American Lane, Schaumburg, IL 60196, as Surety, are held and firmly bound unto the County Commissioners of Huerfano County, Colorado, Huerfano County Courthouse, Walsenburg, Colorado 81089, as Oblige, in the sum of Five Thousand and No/100 Dollars (\$5,000.00) for which sum, well and truly to be paid, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT,

Whereas, the Principal has been or is about to be granted a permit by the Oblige to drill and/or operate the Location ID#334522; Location Name/Area: Harry Willis NWNE of Section 4, Township 29 South, Range 69 West, Huerfano County, Colorado; Well Names/API: Harry Willis #7 / 55-06225 and Harry Willis #4 / 55-06287; County CUP: 00-024 and 02-046.

NOW, THEREFORE, if the Principal shall indemnify and save harmless the Oblige against loss to which the Oblige may be subject by reason of the Principal's breach of any ordinance, rule or regulation relating to the above described license or permit and shall plug and abandon the well and remediate the well site, then this obligation shall be null and void, otherwise to remain in full force and effect.

THIS IS A CONTINUING OBLIGATION and shall not be discharged by one recovery by the Oblige but for each breach hereof a successive recovery may be had until the total amount of recoveries exhausts the amount of this Bond. This Bond is to cover all work done by said Principal, his agent or contractor under the aforesaid order for a period of one (1) year from the date hereof.

PROVIDED, FURTHER, that the liability of the Principal and the Surety shall in no event exceed Five Thousand and No/100 Dollars (\$5,000.00) regardless of the number of years this Bond shall remain in force and effect.

SIGNED, sealed and dated this 18th March 2016.

Tabula Rasa Energy, LLC

By: _____
Name and Title

Carla D. Nims
Controller
Tabula Rasa Partners, LLC

Fidelity and Deposit Company of Maryland


Desiree E. Westmoreland, Attorney-in-Fact

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **THOMAS O. MCCLELLAN, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Bret S. BURTON, Tim H. HEFFEL, Desiree E. WESTMORELAND, Timothy Craig Smith, David B. McKinney, Simon KINDEL and Ivey M. BECK, all of Wichita, Kansas, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York, the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 11th day of February, A.D. 2016.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



By: *Eric D. Barnes*
Secretary
Eric D. Barnes

Thomas O. McClellan
Vice President
Thomas O. McClellan

State of Maryland
County of Baltimore

On this 11th day of February, A.D. 2016, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **THOMAS O. MCCLELLAN, Vice President, and ERIC D. BARNES, Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Maria D. Adamski

Maria D. Adamski, Notary Public
My Commission Expires: July 8, 2019



Bond No. LPM9213164

PAYMENT AND PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS,

THAT we, Tabula Rasa Energy, LLC , as Principal, Fidelity and Deposit Company of Maryland, 1400 American Lane, Schaumburg, IL 60196, as Surety, are held and firmly bound unto the County Commissioners of Huerfano County, Colorado, Huerfano County Courthouse, Walsenburg, Colorado 81089, as Oblige, in the sum of Five Thousand and No/100 Dollars (\$5,000.00) for which sum, well and truly to be paid, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT,

Whereas, the Principal has been or is about to be granted a permit by the Oblige to drill and/or operate the Location ID #324535; Location Name/Area: White ET AL NWSE of Section 9, Township 29 South, Range 69 West, Huerfano County, Colorado, Well Name/API: White ET AL #1 / 55-06209; County CUP: 99-60.

NOW, THEREFORE, if the Principal shall indemnify and save harmless the Oblige against loss to which the Oblige may be subject by reason of the Principal's breach of any ordinance, rule or regulation relating to the above described license or permit and shall plug and abandon the well and remediate the well site, then this obligation shall be null and void, otherwise to remain in full force and effect.

THIS IS A CONTINUING OBLIGATION and shall not be discharged by one recovery by the Oblige but for each breach hereof a successive recovery may be had until the total amount of recoveries exhausts the amount of this Bond. This Bond is to cover all work done by said Principal, his agent or contractor under the aforesaid order for a period of one (1) year from the date hereof.

PROVIDED, FURTHER, that the liability of the Principal and the Surety shall in no event exceed Five Thousand and No/100 Dollars (\$5,000.00) regardless of the number of years this Bond shall remain in force and effect.

SIGNED, sealed and dated this 18th day of March 2016

Tabula Rasa Energy, LLC

By: _____
Name and Title


Carla D. Nims
Controller
Tabula Rasa Partners, LLC

Fidelity and Deposit Company of Maryland


Desiree E. Westmoreland, Attorney-in-Fact

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **THOMAS O. MCCLELLAN, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Bret S. BURTON, Tim H. HEFFEL, Desiree E. WESTMORELAND, Timothy Craig Smith, David B. McKinney, Simon KINDEL and Ivey M. BECK, all of Wichita, Kansas, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 11th day of February, A.D. 2016.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



By: *Eric D. Barnes*
Secretary
Eric D. Barnes

Thomas O. McClellan
Vice President
Thomas O. McClellan

State of Maryland
County of Baltimore

On this 11th day of February, A.D. 2016, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **THOMAS O. MCCLELLAN, Vice President, and ERIC D. BARNES, Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Maria D. Adamski

Maria D. Adamski, Notary Public
My Commission Expires: July 8, 2019

