### KOLAR Document ID: 1413160

For	ксс	Use:
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Effective	Dat
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District	#	
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SGA?	Yes	No

Form I

### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form C-1 March 2010 Form must be Typed Form must be Signed All blanks must be Filled

### NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

KSONA-1, Certification of Comp	oliance with	the Kansas	Surface Owner	Notification Act,	MUST be submitted with the	is form.

Expected Spud Date:	Spot Description:
month day year	
OPERATOR: License#	feet from N / S Line of Section
Name:	feet from L E / W Line of Section
Address 1:	Is SECTION: Regular Irregular?
Address 2:	(Note: Locate well on the Section Plat on reverse side)
City: State: Zip: +	County:
Contact Person:	Lease Name: Well #:
Phone:	Field Name:
CONTRACTOR: License#	Is this a Prorated / Spaced Field?
Name:	Target Formation(s):
Well Drilled For:       Well Class:       Type Equipment:         Oil       Enh Rec       Infield       Mud Rotary         Gas       Storage       Pool Ext.       Air Rotary         Disposal       Wildcat       Cable         Seismic ;       # of Holes       Other         Other:	Nearest Lease or unit boundary line (in footage):         Ground Surface Elevation:
Directional, Deviated or Horizontal wellbore?	Well Farm Pond Other:
If Yes, true vertical depth:	DWR Permit #:
Bottom Hole Location:	( <b>Note:</b> Apply for Permit with DWR )
KCC DKT #:	Will Cores be taken?
	If Yes, proposed zone:

### AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.

It is agreed that the following minimum requirements will be met:

- 1. Notify the appropriate district office *prior* to spudding of well;
- 2. A copy of the approved notice of intent to drill shall be posted on each drilling rig;
- 3. The minimum amount of surface pipe as specified below **shall be set** by circulating cement to the top; in all cases surface pipe **shall be set** through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
- 4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
- 5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
- 6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within 120 DAYS of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. In all cases, NOTIFY district office prior to any cementing.

Submitted E	Electronically
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For KCC Use ONLY	
API # 15	
Conductor pipe required	feet
Minimum surface pipe required	feet per ALT.
Approved by:	
This authorization expires:	
Spud date: Agent:	

### Remember to:

- File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;
- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed (within 60 days);
- Obtain written approval before disposing or injecting salt water.
- If well will not be drilled or permit has expired (See: authorized expiration date) please check the box below and return to the address below.

ш

Well will not be drilled or Permit Expired Date: \_ Signature of Operator or Agent: For KCC Use ONLY

API # 15 - \_\_\_\_

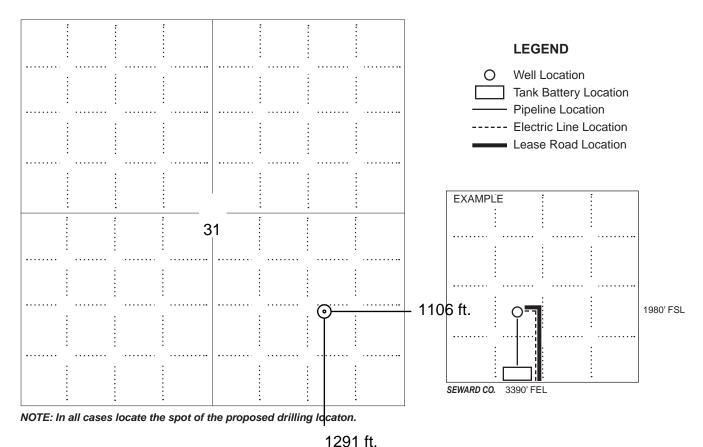
### IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator:	Location of Well: County:
Lease:	feet from N / S Line of Section
Well Number:	feet from E / W Line of Section
Field:	Sec Twp S. R E 📃 W
Number of Acres attributable to well: QTR/QTR/QTR/QTR of acreage:	Is Section: Regular or Irregular
	If Section is Irregular, locate well from nearest corner boundary.
	Section corner used: NE NW SE SW

PLAT

Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.



### In plotting the proposed location of the well, you must show:

- 1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
- 2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
- 3. The distance to the nearest lease or unit boundary line (in footage).
- 4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).
- 5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

Side Two

### KOLAR Document ID: 1413160

### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 May 2010 Form must be Typed

### **APPLICATION FOR SURFACE PIT**

Submit in Duplicate			
Operator Name:	Operator Name:		License Number:
Operator Address:			
Contact Person:			Phone Number:
Lease Name & Well No.:			Pit Location (QQQQ):
Type of Pit:	Pit is:		·
Emergency Pit Burn Pit	Proposed	Existing	SecTwpR East West
Settling Pit Drilling Pit	If Existing, date co	nstructed:	Feet from North / South Line of Section
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:		Feet from East / West Line of Section
		(bbls)	County
Is the pit located in a Sensitive Ground Water A	rea? Yes	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)
Is the bottom below ground level?	Artificial Liner?		How is the pit lined if a plastic liner is not used?
		No	
Pit dimensions (all but working pits):	-		Width (feet)N/A: Steel Pits
Depth fro	m ground level to dee	epest point:	(feet) No Pit
material, thickness and installation procedure. liner integrity, including any special monitoring.			
Distance to nearest water well within one-mile of pit: Depth to shall Source of info		west fresh water feet. nation:	
		measured	well owner electric log KDWR
Emergency, Settling and Burn Pits ONLY:		Drilling, Worko	ver and Haul-Off Pits ONLY:
Producing Formation:		Type of materia	l utilized in drilling/workover:
Number of producing wells on lease:		Number of wor	king pits to be utilized:
Barrels of fluid produced daily:		Abandonment	procedure:
Does the slope from the tank battery allow all spilled fluids to         flow into the pit?       Yes       No		Drill pits must b	e closed within 365 days of spud date.
Submitted Electronically			
Liner       Steel Pit       RFAC       RFAS         Date Received:       Permit Number:       Permit Date:       Lease Inspection:       Yes       No			
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### KOLAR Document ID: 1413160

### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

### CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

Form KSONA-1
January 2014
Form Must Be Typed
Form must be Signed
All blanks must be Filled

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)

OPERATOR: License #	Well Location:		
Name:			
Address 1:	County:		
Address 2:	Lease Name: Well #:		
City: State: Zip:+	If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:		
Contact Person:			
Phone: ( ) Fax: ( )			
Email Address:			
Surface Owner Information:			
Name:	When filing a Form T-1 involving multiple surface owners, attach an additional		
Address 1:	<ul> <li>sheet listing all of the information to the left for each surface owner. Surface</li> <li>owner information can be found in the records of the register of deeds for the</li> </ul>		
Address 2:	county, and in the real estate property tax records of the county treasurer.		
City: State: Zip:+			

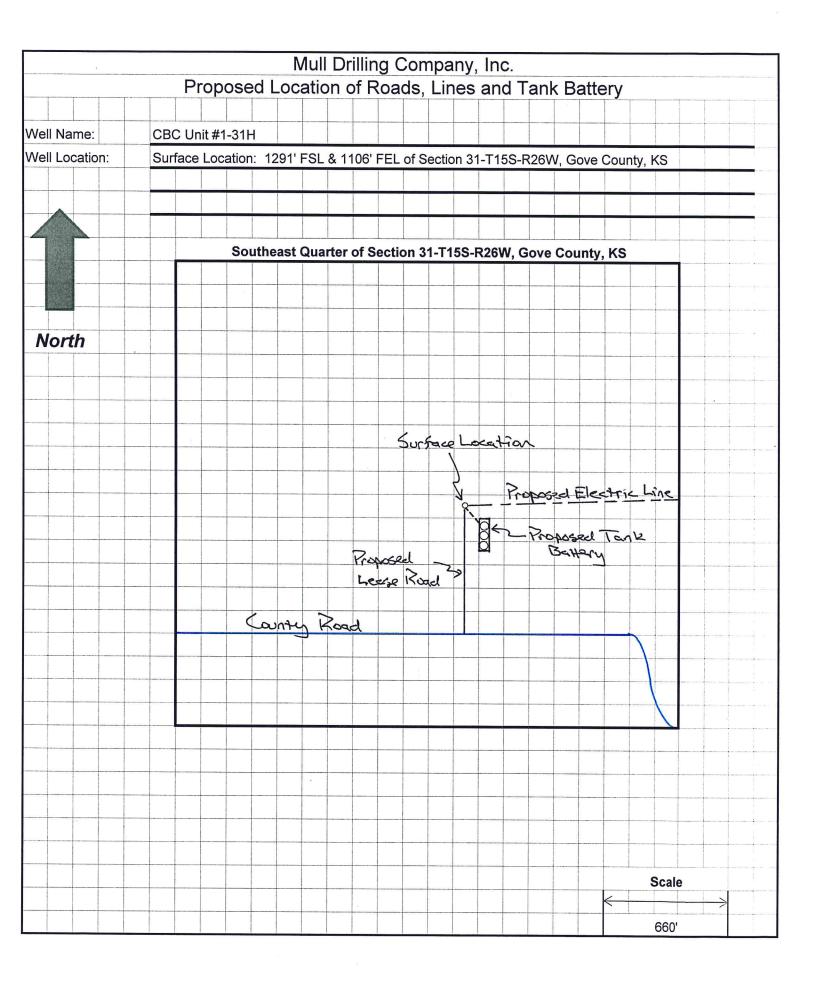
If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

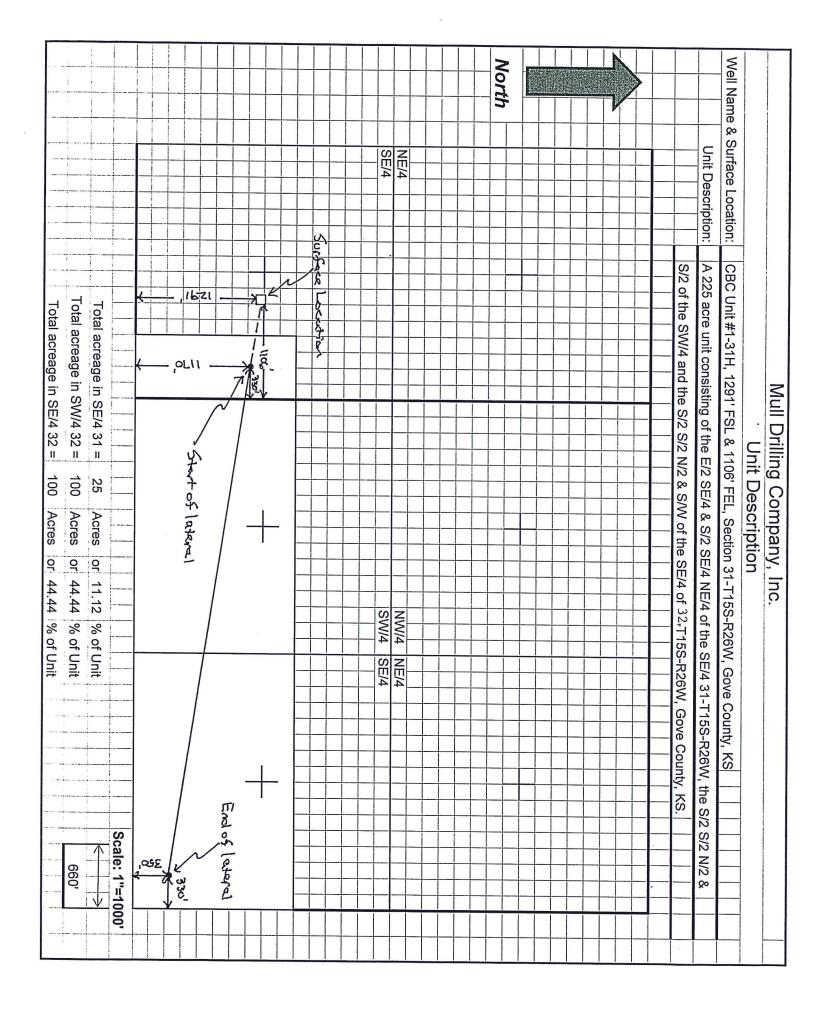
### Select one of the following:

- □ I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

### Submitted Electronically





FORV. 88 - (PRODUCER'S SPECIAL) (PAID)

2005 hereinafter called Lessor (whether one or more). single person b June Wichita, Kansas 67201 OIL AND GAS LEASE 67584 whose mailing address is BD BOX 161, Utrica, KS and MULL DRILLING COMPANY, INC., P.O. Box 2758, day Babcock <u>16th</u> Ross D. F into Made and entered CM63U (Rev. 1981) AGREEMENT, by and between

hereinafter caller Lessee: 

scribed as follows Kansas 
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 Kat

 Township 15 South, Range 26 West
 Section 29: NF/4; W/SE/4
 Kat

 Section 21: E/2
 Section 31: E/2W/4; N/SE/4
 Mage

 Section 31: E/2W/4; NE/4; N/SE/4
 Mage
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County of

Section thereto.

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Later heely warrants and agrees to defend the title to the lands herein described, and agrees that the lease shall have the right at any time to redeem for leaso, by payment are more constraints and agrees loss of the moler lines on the above described lands, in the vert of defaults of payment by leasor, and he subrgated to the right at any time to redeem for leasor, by payment grand leasons, for themesives and that helts. Are averation ad agrees that the leason, for themesives and homesteed may in any way affect the purposes for which this lease in made, as recided herein, in so for the meetives and that helts are versenous and agrees to two is of the order and the molecular of the holder thereed, and the under and in any way affect the purposes for which this lease in made, as recided herein in the premise us as to pornote the complete vising thereof. Women is a very given the regerstor and payment was an expensioned to the constraint of the adverse to pool or combine the exceeder and that may be produced for an index and the molecular and that may be produced for an adverse to be obtined to properiy devolps and operate and lease and payment was a constraint or constraint with the treated and that may be produced for main and premises, use possibly devolps and operate and lease and payment was the convegance records of the constraint of an adverse that may the produced for the possible door and and the made adverse that and the adverse adverse to be adversed to a situated an instrument lease of the constraint to an other the adverse adverse adverse adverse adverse adverse adverse adverse that and the adverse adverse the adverse to a produced for the possible door adverse adverse

written. and year first above instrument as of the day this 3 ala IN WITNESS WHEREOF, the 00 B 2 (Ross D. 1 da

GOVEZZ7

STATE OF COUNTY OF The foregoing instrument by of	NO OIL AND GAS LEASE FROM	My cummission expires	STATE OF COUNTY OF The foregoing instrument was by	STATE OF COUNTY OF The foregoing instrument by	My commission expires	STATE OF COUNTY OF The foregoing ins hy
nt was acknowledged before	TO	- ŝ	acknowledged	ument was acknowledged before me this	nt was acknowledged	Kansas Ness instrument was acknowledged before me this Ross D. <u>Rahcock</u> , a sirg
me this	Section Twp Rge No. of Acres Term County	-	ACKNOWLEDG1 before me this day of		WILLIAM C. WAKEFIELD, II MY CONMISSION EXPIRES April 26, 2009 ACKNO WLEDGN before me this day of	ACKNOWLEI before me this <u>16th</u> day cock, a single person
ACKNOWLEDGMENT FOR CORPORATION (KsOkCoNe)	STATE OF <u>Kansas</u> County <u>Gove</u> This instrument was filed for record on the S day of <u>July</u> 18,2005 at <u>8:00</u> o-clock <u>A. M.</u> , and duly recorded in Book <u>148</u> Page <u>741-743</u> of		Notary Public ACKNOWLEDGMENT FOR INDIVIDUAL (KsOkCoNe)	MENT FOR INDIVID	William C.	ACKNOWLEDGMENT FOR INDIVIDUAL (KsOkCoNe <u>16th</u> day of June le person "Ind
(KsOkCoNe)	the records of this office. Custy J. Luttle Register of Deeds. By NUMERICAL DIRECT INDEX INDRECT INDEX	y Public	ry Public (KsOkCoNe)	Notary Publić UAL (KsOkCoNe)	AL (KSOKCoNe)	AL (KsokCoNe)

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If at the end of the primary term, this lease is not otherwise continued in force under the provisions hereof, this lease shall expire, unless Lessee on or before the end of the primary term shall pay or tender to Lessor, the sum of  $\underline{\$5.00}$  multiplied by the number of net mineral acres owned by the Lessor in the land above described and then subject to this lease; and subject to the other provisions of this lease, the primary term shall be extended for an additional term of <u>one (1)</u> year from the end of the primary term hereof.

(Juss D. Babcock) (Ross D. Babcock)

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KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, on June 16<sup>th</sup>, 2005, Ross D. Babcock, a single person, did execute and deliver to Mull Drilling Company, Inc. (hereinafter referred to as "Lessee"), an Oil and Gas Lease which was recorded at Book 148, Page 741 of the records of Gove County, Kansas (hereinafter referred to as "said Lease"), covering the following-described lands in said county:

<u>Township 15 South, Range 26 West, 6th P.M.</u> Section 29: NE/4, W/2SE/4 Section 32: E/2 Section 33: E/2NV/4, NE/4, N/2SW/4;

and

WHEREAS, the mineral interest covered by said Lease is presently owned of record by Patty C. Bollinger, a single woman (hereinafter referred to as "Lessor"); and

WHEREAS, it is the desire of Lessor and Lessee that said Lease be modified and amended in the manner hereinafter set forth.

NOW, THEREFORE, in consideration of the premises, of the mutual benefits and advantages to be derived therefrom by each of the parties hereto, and the further consideration of the sum of One hereby acknowledged, the parties hereto do hereby agree that said Lease shall be, and the same is, Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby amended by deleting therefrom the following provision:

lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit "Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 80 acres each in the event of an oil well, or into a unit or units not exceeding 640 acres each in the event of a gas well. Lessee shall execute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had <u>\_</u> from this lease, whether the well or wells be located on the premises covered by this lease or not. involved."

And replacing said deleted provision with the following:

in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had from this lease, whether the well or this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 80 acres each in the event of a vertical oil well and 640 acres for a or into a unit or units not exceeding 640 acres each in the event of a vertical or "Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by horizontal gas well. Lessee shall execute in writing and record in the conveyance records of the county horizontal oil well,

Notary Public		
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KNOW ALL MEN BY THESE PRESENTS:

Mull Drilling Company, Inc. (hereinafter referred to as "Lessee"), an Oil and Gas Lease which was recorded at Book 148, Page 741 of the records of Gove County, Kansas (hereinafter referred to as WHEREAS, on June 16<sup>th</sup>, 2005, Ross D. Babcock, a single person, did execute and deliver to "said Lease"), covering the following-described lands in said county:

<u>Township 15 South, Range 26 West, 6th P.M.</u> Section 29: NE/4, W/2SE/4 Section 32: E/2 Section 33: E/2NV/4, NE/4, N/2SVV/4;

and

WHEREAS, the mineral interest covered by said Lease is presently owned of record by Patty C. Bollinger, a single woman (hereinafter referred to as "Lessor"); and

WHEREAS, it is the desire of Lessor and Lessee that said Lease be modified and amended in the manner hereinafter set forth.

to be derived therefrom by each of the parties hereto, and the further consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are NOW, THEREFORE, in consideration of the premises, of the mutual benefits and advantages hereby acknowledged, the parties hereto do hereby agree that said Lease shall be, and the same is, hereby amended by <u>deleting</u> therefrom the following provision:

exceeding 640 acres each in the event of a gas well. Lessee shall execute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had from this lease, whether the well or wells be located on the premises covered by this lease or not. In lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit "Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 80 acres each in the event of an oil well, or into a unit or units not involved."

And replacing said deleted provision with the following:

lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had from this lease, whether the well or essee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said oil well and 640 acres for a horizontal oil well, or into a unit or units not exceeding 640 acres each in the event of a vertical or horizontal gas well. Lessee shall execute in writing and record in the conveyance records of the county into a unit or units not exceeding 80 acres each in the event of a vertical

wells be located on the premises covered by this lease or not. In lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit involved."	None of the other terms and provisions of said Lease are hereby changed or altered, and all of the terms and provisions hereof shall inure to the benefit and be binding upon the undersigned, and their respective successors and assigns. This Amendment may be executed in any number of counterparts, with the same effect as if all parties had executed the same copy.	EXECUTED as of the 12th day of April, 2018.	MULL DRILLING COMPANY, INC.	Patty C. Bollinger Dollinger Mark A. Shreve, President/COO		STATION Derek Scott Buttler Notary Public Maricopa County, Arizona CCOMPANDER SQ3-15-19	The foregoing instrument was acknowledged before me this 11 <sup>th</sup> day of April, 2018, by Mark A. Shreve, President and COO of MULL DRILLING COMPANY, INC., a Kansas corporation, on behalf of the corporation.	WITNESS my hand and official seal.	My commission expires: <u>October 25, 2018</u> Michael A. Massaglia, Notary Public		STATE OF A2 )	) ss. COUNTY OF <u>M.ゆをいしのゆ</u> )	The foregoing instrument was acknowledged before me this <u>し</u> t day of <u>し</u> いって ) by <u>Patty C. Bollinger, a single woman</u> .	WITNESS my hand and official seal. My commission expires: $o \ge 1.5/1.9$ Notary Public			
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Ward Constants

Mr. No I Gat Ve

2 of 2

1 -Pokk 88-- (PRODUCER'S SPECIAL) (PAII CM63U (Rev. 1081) 17.

	1000	a single person			nereinalier called Lessor (whether one or more),
OIL AND GAS LEASE	AGREEMENT, Made and entered into the <u>16th</u> day of JUPS			where mailing address is 3871 E. Colonial Dr., Chardler, AZ 85249	and MULL DRILLING COMPANY, INC., P.O. Box 2758, Wichita, Kansas 67201

more),

Lestor, in consideration of <u>ten and introve</u> <u>Dollars (s 10,00 & more</u>) in hand paid, receipt of which it here have and of the royatica herein provided and of the agreements of the lastee herein examines, propertient, exopines and provided and of the agreements of the lastee herein examines, propertient, and paid, receipt of which it here by staticating by grouphed, including but not limited to 3.D stimit, and other means, propertient, and inling, mining and operating for and provedeng of it juid to by grouphed and of but attacts on the proper of the purpose of the purpose of the purpose of a statications, telephone intervents, propertient, including her not limited to gas associated with out life, and other means, propertient, including her not limited for and prover stations, telephone and other means, propertient, including her not produce and it must be and the respective constituent produces and in the statications, telephone and other produces and interventing there on the prover stations, telephone and other produces and the fraction operating the statications and here respective constituents produces and a strategard the and, prover stations, telephone and other produces and the fractorn operating the statications (is employeed, therein structures and high the encounter of the statications (is employeed, the following descerbed and, orgenter with any revisionary telephones and other produces and the fraction, and houring and operating the and structure for the statications (is employeed, the following descerbed land, orgenter with any revisionary tilther arguired interest, therein situated in hereinafter caller Lessce

lescribed as follows Kansas Township 15 South, Range 26 West Section 29: NE/4; W/25E/4 Section 22: E/2/4; W/25E/4 Section 33: E/2W/4; NV/25W/4 Manke Amake Amake Amake Amake

County of

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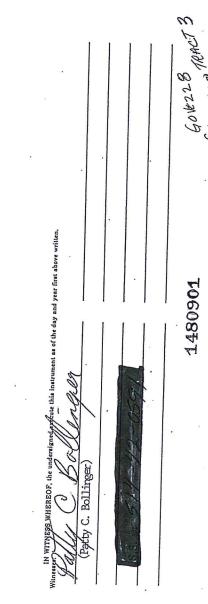
Township In Section accretions thereto.

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section interior. Subject to the provisiona herein contained, this lease shall remain in force for a term of <u>two (2)</u> <sup>we</sup> from this data (called "primary term"), and as long thereafter In consideration of the premises the and lease covenut product, or any of them, is produced from said land or land with which said land is pooled. In the consideration of the premises the and lease covenuts and agrees: from the leased premises.

Tail reactor prices the second whatever nature or kind produced and old, or used for the present second by the manufacture of any products thereform, one-sighth (so the present reserved by the manufacture of any products thereform, and sympath or tender 18 made 11 will be considered that gas and which we have the second by the present reserved by the present reserved by the present reserved by the present reserved by the present on the products thereform, and the products thereform, and the above thereform of the present on the above described band that have the right to whole and undivided fermions. If the target here and thereform, the target band, and if of lase may prove tender that are and products there and thereform on the above described band that there and band thereform there and band thereform. The target band that there and thereform the above described band that there and the above described band that for there are and thereform the above described band. The tende will have there are and thereform the above described band thereform. The target band that are than above described band that the tende will be therefore there are there are

Tasson. Leason hereby warrants and agrees to defend the title to the lands hrein described and agrees that the lease shall have the right at my time to redeem for leason, by payment are morgane. Leason there have described lands, in the second of described and agrees that the lease shall have the right at my time to redeem for leason, by payment are morgane. Leason the right are on the above described lands, in the second of advertant of have rand homethead in the predict more thread ight of dower and homethead may in may way direct the purpose for which this larest, and be anothead and an intervention and antique. A network and homethead in the predict more are also are addressed. The property event the right of dower and homethead in the predict derived with other and/illease or leasen it the meridiate vicinity threator, when in leases' lugfment it is receasary to advisable to a on in order to properly derived and threade with other land'illease or leasen in the constraints of the order of the outh of the advisable to do a on in order to properly derived with other land'illease or leasen in the constraint of the convergent of the out other in the second to a nite or the properly derived and derived here in the lease of homethead in the second and the rest or unish not exceeding 80 network of the out other inductions and predict from here and illease premises described here in constraints are all perpose resceeding 80 networks and the land here indor of the rest of the second in the rest of the second in the lease in the could into a treat of rest of the converging of the land here in the rest which are and the rest of the land the lease the rest of the land here in a product in the rest of the land here in a product of the lease and the rest of the land here in a second be been as a distraint of the rest of the land here in a second be been as a distributed in the lease the rest of the land here in a distraint and the rest of the land here in a second be been asecond the land here in a second bere



STATE OF       Arrizona       ACKNOWLEDGMENT FOR INDIVIDUAL (KsOkCoNe)         COUNTY OF       Datty C. Bollinger, assingle person       JINE       2005         My vurmissiun vzpirus       Datty C. Bollinger, assingle person       IIId       2005         My vurmissiun vzpirus       Datty C. Bollinger, assingle person       IIId       2005         My vurmissiun vzpirus       Datty C. Bollinger, assingle person       IIId       2005         My vurmissiun vzpirus       Datty C. Bollinger, assingle person       IIId       2005         My vurmissiun vzpirus       Datt Datty C. Bollinger, assingle person       IIId       2005         My vurmissiun vzpirus       Datt Datty C. Bollinger, assingle person       IIId       2005         My vurmissign expirus       Datt Datty C. Bollinger, assingle person       IIId       2005	STATE OF       Notary Public         STATE OF       ACKNOWLEDGMENT FOR INDIVIDUAL (KsOkCoNe)         The foregoing instrument was acknowledged before me this       day of	No.         No.         No.         Total         NDAP         PRAM         Total         Total	TATE OF TATE OF OUNTY OF ACKNOWLEDGMENT FOR CORPORATION (KeOkCoNe) he foregoing instrument was acknowledged before me this day of hor corporation. a day of broation.	commission
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If at the end of the primary term, this lease is not otherwise continued in force under the provisions hereof, this lease shall expire, unless Lessee on or before the end of the primary term shall pay or tender to Lessor, the sum of  $\underline{\$5.00}$  multiplied by the number of net mineral acres owned by the Lessor in the land above described and then subject to this lease; and subject to the other provisions of this lease, the primary term shall be extended for an additional term of <u>one (1)</u> year from the end of the primary term hereof.

22 (Patty C. Bollinger) A 0 al

) <u>o S</u>, before me per-(name cf he basis ci acilitatclory evi-ibed to this focument, and veratached document. Funder Puello Tune I Security of Artel Con this 27. 4 4 9 4 2 Con this 20 2 2 4 4 2 2 Sonally appression and the foreign with signed, with we the person winds dence to be the person winds (seal)-

DALE LEVESQUE NOTARY PUBLIC - ARIZONA PINAL COUNTY My Commission Expires April 12, 2009 

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# KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, on June 16<sup>th</sup>, 2005, Patty Bollinger, a single person, did execute and deliver to Mull Drilling Company, Inc. (hereinafter referred to as "Lessee"), an Oil and Gas Lease which was recorded at Book 148, Page 901 of the records of Gove County, Kansas (hereinafter referred to as "said Lease"), covering the following-described lands in said county:

Township 15 South, Range 26 West, 6th P.M. Section 29: NE/4, W/2SE/4 Section 32: E/2 Section 33: E/2NW/4, NE/4, N/2SW/4;

and

WHEREAS, it is the desire of Lessor and Lessee that said Lease be modified and amended in the manner hereinafter set forth.

NOW, THEREFORE, in consideration of the premises, of the mutual benefits and advantages to be derived therefrom by each of the parties hereto, and the further consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto do hereby agree that said Lease shall be, and the same is, hereby amended by <u>deleting</u> therefrom the following provision:

may be produced from said premises, such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 80 acres each in the event of an oil well, or into a unit or units not exceeding 640 acres each in the event of a gas well. Lessee shall execute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had lease premises so as to promote the conservation of oil, gas or other minerals in and under and that this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit at its option, is hereby given the right and power to pool or combine the acreage covered by in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said L from this lease, whether the well or wells be located on the premises covered by this lease or not. involved." "Lessee,

And replacing said deleted provision with the following:

lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 80 acres each in the event of a vertical oil well and 640 acres for a horizontal oil well, or into a unit or units not exceeding 640 acres each in the event of a vertical or horizontal gas well. Lessee shall execute in writing and record in the conveyance records of the county this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said "Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment on the pooled acreage, it shall be treated as if production is had from this lease, whether the well or wells be located on the premises covered by this lease or not. In lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty in which the land herein leased is situated an instrument identifying and describing the pooled acreage. of royalties on production from the pooled unit, as if it were included in this lease. If production is found

stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on acreage basis bears to the total acreage so pooled in the particular unit involved."	iis royalty interest therein on an it involved."
None of the other terms and provisions of said Lease are hereby changed or altered, and all of the terms and provisions hereof shall inure to the benefit and be binding upon the undersigned, and their respective successors and assigns. This Amendment may be executed in any number of counterparts, with the same effect as if all parties had executed the same copy.	y changed or altered, and all of ling upon the undersigned, and e executed in any number of me copy.
EXECUTED as of the 12th day of April, 2018.	
MULL DRILLING COMPANY, INC	PANY, INC.
Patty C. Bollinger Mark A. Shreve, President/COO	ent/COO
STATE OF <u>Kansas</u> ) COUNTY OF <u>Sedgwick</u> ) ss.	
The foregoing instrument was acknowledged before me this 11 <sup>th</sup> day of April, 2018, by Mark A. Shreve, President and COO of MULL DRILLING COMPANY, INC., a Kansas corporation, on behalf of the corporation.	' day of April, 2018, by Mark A. ansas corporation, on behalf of
WITNESS my hand and official seal. My commission expires: October 25, 2018 Michael A. Massagli	Michael A. Massaglia, Notary Public
IBU-7 YARTEN AND THE OF STATE OF STATE OF STATE OF	NJTARY PUBLIC - State of KEIIsas MICHAEL A. MASSAGLIA RV Appt Expires 10/1457/9
COUNTY OF ss.	
The foregoing instrument was acknowledged before me this day of by <u>Patty C. Bollinger, a single woman</u> . WITNESS my hand and official seal.	day of, 2018,
Notary Public	
2 of 2	

# KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, on June 16<sup>th</sup>, 2005, Patty Bollinger, a single person, did execute and deliver to Mull Drilling Company, Inc. (hereinafter referred to as "Lessee"), an Oil and Gas Lease which was recorded at Book 148, Page 901 of the records of Gove County, Kansas (hereinafter referred to as "said Lease"), covering the following-described lands in said county:

<u>Township 15 South, Range 26 West, 6th P.M.</u> Section 29: NE/4, VV/2SE/4 Section 32: E/2 Section 33: E/2NV/4, NE/4, N/2SVV/4;

and

WHEREAS, it is the desire of Lessor and Lessee that said Lease be modified and amended in the manner hereinafter set forth.

NOW, THEREFORE, in consideration of the premises, of the mutual benefits and advantages to be derived therefrom by each of the parties hereto, and the further consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto do hereby agree that said Lease shall be, and the same is, hereby amended by <u>deleting</u> therefrom the following provision:

"Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 80 acres each in the event of an oil well, or into a unit or units not exceeding 640 acres each in the event of a gas well. Lessee shall execute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit L from this lease, whether the well or wells be located on the premises covered by this lease or not. involved."

# And replacing said deleted provision with the following:

lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 80 acres each in the event of a vertical oil well and 640 acres for a horizontal oil well, or into a unit or units not exceeding 640 acres each in the event of a vertical or "Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found horizontal gas well. Lessee shall execute in writing and record in the conveyance records of the county on the pooled acreage, it shall be treated as if production is had from this lease, whether the well or wells be located on the premises covered by this lease or not. In lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty in which the land herein leased is situated an instrument identifying and describing the pooled acreage.

Michael A. Massaglia, Notary Public
None of the other terms and provisions of said Lease are hereby changed or attered, and all of the terms and provisions hereof shall inure to the benefit and be binding upon the undersigned, and their respective successors and assigns. This Amendment may be executed in any number of counterparts, with the same effect as if all parties had executed the same copy. EXECUTED as of the 12th day of April, 2018. MULL DRILLING COMPANY, INC. EXECUTED as of the 12th day of April, 2018. MULL DRILLING COMPANY, INC. PatryC. Builtoger Mark A. Shreve, President/COO Nary OF Sedowick Mulcu DRILL DRILLING COMPANY, INC., a Kansas corporation, on behalf of the corporation. The foregoing instrument was acknowledged before me this 11 <sup>th</sup> day of April, 2018, by Mark A. WITNESS my hand and official seal. My commission expires. October 25, 2018
as of the 12th day of April, 2018. MULL DRILLING COMPANY, INC. Multer Notary Public Mark A. Shreve, President/COO Derek Scott Buttler Notary Public Maricopa County, Arizona My Comm. Expires 03-15-19 instrument was acknowledged before me this 11 <sup>th</sup> day of April, 2018, by dick instrument was acknowledged before me this 11 <sup>th</sup> day of April, 2018, by d COO of MULL DRILLING COMPANY, INC., a Kansas corporation, on in official seal. es: October 25, 2018
MULL DRILLING COMPANY, INC. Mark A. Shreve, President/COO Derek Scott Buttler Notary Public Maricopa County, Arizona My Comm. Expires 03-15-19 My Comm. Expires 03-15-19 instrument was acknowledged before me this 11 <sup>th</sup> day of April, 2018, by d COO of MULL DRILLING COMPANY, INC., a Kansas corporation, on instrument was acknowledged before me this 11 <sup>th</sup> day of April, 2018, by d COO of MULL DRILLING COMPANY, INC., a Kansas corporation, on instrument seal. es: October 25, 2018
Mark A. Shreve, President/COO Derek Scott Buttler Notary Public Maricopa County, Arizona My Comm. Expires 03-15-19 My Comm. Expires 03-15-19 instrument was acknowledged before me this 11 <sup>th</sup> day of April, 2018, by d COO of MULL DRILLING COMPANY, INC., a Kansas corporation, on d COO of MULL DRILLING COMPANY, INC., a Kansas corporation, on d cotober 25, 2018
Derek Scott Buttler Notary Public Maricopa County, Arizona Maricopa County, Arizona My Comm. Expires 03-15-19 My Comm. Expires 03-15-19 instrument was acknowledged before me this 11 <sup>th</sup> day of April, 2018, by d COO of MULL DRILLING COMPANY, INC., a Kansas corporation, on d COO of MULL DRILLING COMPANY, INC., a Kansas corporation, on a cotober 25, 2018
instrument was acknowledged before me this 11 <sup>th</sup> day of April, 2018, by d COO of MULL DRILLING COMPANY, INC., a Kansas corporation, on ind official seal. es: <u>October 25, 2018</u>
ind official seal. es: <u>October 25, 2018</u>
STATE OF AZ ) COUNTY OF MARICO PD ) SS.
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$\frac{1}{2} - \frac{A_{2}}{A_{2}}$ ) ss. OF <u>MAALCO PP</u> ) ss. OF <u>MAALCO PP</u> ) ss. foregoing instrument was acknowledged before me this <u>Jul</u> <sup>4</sup> day of <u>June</u> 201 . Foregoing instrument was acknowledged before me this <u>Jul</u> <sup>4</sup> day of <u>June</u> 201 . Bollinger, a single woman. my hand and official seal. my hand and official seal. sion expires: <u>e3</u> <u>L5</u> <u>L1</u> Notary Public Notary Public
) ss. strument was acknowledged before me this <u>14</u> <sup>4</sup> day of <u>June</u> , 201 strument was acknowledged before me this <u>14</u> <sup>4</sup> day of <u>June</u> , 201 single woman. official seal. <u>e3</u> [15] 1 q Notary Public
- ) ss. strument was acknowledged before me this <u>14</u> <sup>4</sup> day of <u>June</u> 201 single woman. official seal. e3 [15] 1 9 Notary Public Notary Public

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ACKNOWLEDGMEN'T FOR INDIVIDUAL (KsOkCoNe) ACKNOWLEDGMEN'T FOR INDIVIDUAL (KsOkCoNe) 2005 all day of August 2005 all bene an Notary Public Del E. Wiedeman Notary Public ACKNOWLEDGMEN'T FOR INDIVIDUAL (KsOkCoNe) day of and and	ACKNOWLEDGMENT FOR INDIVIDUAL (KsOkCoNe)  ACKNOWLEDGMENT FOR INDIVIDUAL (KsOkCoNe)  ACKNOWLEDGMENT FOR INDIVIDUAL (KsOkCoNe)  aday of	This instrument was filed for record on the 20 day of	ACKNOWLEDGMENT FOR CORPORATION (KaOkCoNe)	Notary Public
Kanses       ACKNOWLEDGMENT FO         Mess       ACKNOWLEDGMENT FO         Mess       ACKNOWLEDGMENT FO         Mess       ACKNOWLEDGMENT FO         Mess       ACKNOWLEDGMENT FO         Mass       Bargell Completenes         May APPT. EXPIRES       STATE OF KANSAS         May APPT. EXPIRES       Del E. Wiedeman         Mass acknowledged before me this       day of	A I before me this AC	I)ale	this	149031
STATE OF Kansas COUNTY OF Mess The foregoing instrument was ackin by Country OF APT My runmissium expires APT STATE OF ANY APT COUNTY OF COUNTY OF ANY APT The foregoing instrument was acknow	My cummissign expires	No. TO No. No. No. No. No. No. No. No.	STATE OF COUNTY OF The foregoing instrument was acknowledged before me by	Corporation. My commission expires Ac corporation.

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Lessee, or his assigns, agrees to consult with Lessor regarding routes of ingress and egress prior to commencing operations.

Lessee, or his assigns, further agrees in the event of drilling operations to restore the surface of the land to its original contour as nearly as is practicable.

If at the end of the primary term, this lease is not otherwise continued in force under the provisions hereof, this lease shall expire, unless Lessee on or before the end of the primary term shall pay or tender to Lessor, the sum of  $\underline{\$5.00}$  multiplied by the number of net mineral acres owned by the Lessor in the land above described and then subject to this lease; and subject to the other provisions of this lease, the primary term shall be extended for an additional term of <u>one (1)</u> year from the end of the primary term hereof.

arrell Blaney (Darrel Cheney) 

AMENDMENT TO OIL AND GAS LEASE KNOW ALL MEN BY THESE PRESENTS:	WHEREAS, on July 24 <sup>th</sup> , 2005, Darrell Cheney, a single person, did execute and deliver to Mull Drilling Company, Inc. (hereinafter referred to as "Lessee"), an Oil and Gas Lease which was recorded at Book 149, Page 313 of the records of Gove County, Kansas (hereinafter referred to as "said Lease"), covering the following-described lands in said county:	Township 15 South, Range 26 West, 6th P.M. Section 32: W/2; and WHEREAS, the mineral interest covered by said Lease is presently owned of record by the Dorothy C. Cheney, a single woman, Zack J. Cheney, a single man and Kimberley G. Gdovin, Trustee	of the Dodrill Family dated January 27, 2003 (hereinafter referred to as "Lessor"); and WHEREAS, it is the desire of Lessor and Lessee that said Lease be modified and amended in the manner hereinafter set forth. NOW, THEREFORE, in consideration of the premises, of the mutual benefits and advantages to be derived therefrom by each of the parties hereto, and the further consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto do hereby agree that said Lease shall be, and the same is,	"Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 80 acres each in the event of an oil well, or into a unit or units not exceeding 640 acres each in the event of a gas well. Lessee shall execute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had from this lease. If production is found on the pooled acreage or production from the production is not for allow of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit involved."	And replacing said deleted provision with the following:	"Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 80 acres each in the event of a vertical oil well and 640 acres for a horizontal oil well, or into a unit or units not exceeding 640 acres each in the event of a vertical or horizontal gas well. Lessee shall execute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found
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# KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, on July 24<sup>th</sup>, 2005, Darrell Cheney, a single person, did execute and deliver to Mull Drilling Company, Inc. (hereinafter referred to as "Lessee"), an Oil and Gas Lease which was recorded at Book 149, Page 313 of the records of Gove County, Kansas (hereinafter referred to as "said Lease"), covering the following-described lands in said county:

<u>Township 15 South, Range 26 West, 6th P.M.</u> Section 32: W/2;

and

Dorothy C. Cheney, a single woman, Zack J. Cheney, a single man and Kimberley G. Gdovin, Trustee WHEREAS, the mineral interest covered by said Lease is presently owned of record by the of the Dodrill Family dated January 27, 2003 (hereinafter referred to as "Lessor"); and

WHEREAS, it is the desire of Lessor and Lessee that said Lease be modified and amended in the manner hereinafter set forth.

THEREFORE, in consideration of the premises, of the mutual benefits and advantages to be derived therefrom by each of the parties hereto, and the further consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto do hereby agree that said Lease shall be, and the same is, hereby amended by deleting therefrom the following provision: NOW,

exceeding 640 acres each in the event of a gas well. Lessee shall execute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had from this lease, whether the well or wells be located on the premises covered by this lease or not. In lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit "Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said into a unit or units not exceeding 80 acres each in the event of an oil well, or into a unit or units not nvolved

And replacing said deleted provision with the following:

lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 80 acres each in the event of a vertical oil well and 640 acres for a in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had from this lease, whether the well or "Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when a vertical or gas well. Lessee shall execute in writing and record in the conveyance records of the county horizontal oil well, or into a unit or units not exceeding 640 acres each in the event of horizontal

wells be located on the premises covered by this lease or not. In lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit involved."
None of the other terms and provisions of said Lease are hereby changed or altered, and all of the terms and provisions hereof shall inure to the benefit and be binding upon the undersigned, and their respective successors and assigns. This Amendment may be executed in any number of counterparts, with the same effect as if all parties had executed the same copy.
Dorotny C. Cheney
Dodrill Family Trust dated January 27, 2003 MULL DRILLING COMPANY, INC.
Kimberly G. Gdovin, Trustee Mark A. Shreve, President/COO
STATE OF Kansas )
I L
The foregoing instrument was acknowledged before me this 12 <sup>th</sup> day of April, 2018, by Mark A. Shreve, President and COO of MULL DRILLING COMPANY, INC., a Kansas corporation, on behalf of the corporation.
WITNESS my hand and official seal.
My commission expires: <u>October 25, 2018</u> Michael A. Massaglia, Notary Public
STATE OF ss.
I he foregoing instrument was acknowledged before me this day of, 2018, by <u>Dorothy C. Cheney, a single woman</u> .
WITNESS my hand and official seal.
My commission expires:Notary Public
STATE OF Kansey STATE OF STATE OF STATE OF STATE OF SS.
(-)
by <u>Zack J. Cheney, a single man.</u> 2018, Row FEHR of Another this with day of the provision of the provision of the state
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2005, Darrell Cheney, a single person, did execute and deliver to Mull Drilling Company, Inc. (hereinafter referred to as "Lessee"), an Oil and Gas Lease which was recorded at Book 149, Page 313 of the records of Gove County, Kansas (hereinafter referred to as "said Lease"), WHEREAS, the mineral interest covered by said Lease is presently owned of record by the Gdovin, Trustee WHEREAS, it is the desire of Lessor and Lessee that said Lease be modified and amended in THEREFORE, in consideration of the premises, of the mutual benefits and advantages to be derived therefrom by each of the parties hereto, and the further consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are ທົ in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 80 acres each in the event of an oil well, or into a unit or units not "Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when exceeding 640 acres each in the event of a gas well. Lessee shall execute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 80 acres each in the event of a vertical oil well and 640 acres for a The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had from this lease, whether the well or acres each in the event of a vertical or at its option, is hereby given the right and power to pool or combine the acreage covered by horizontal gas well. Lessee shall execute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and describing the pooled acreage. hereby acknowledged, the parties hereto do hereby agree that said Lease shall be, and the same from this lease, whether the well or wells be located on the premises covered by this lease or not. of the Dodrill Family dated January 27, 2003 (hereinafter referred to as "Lessor"); and Dorothy C. Cheney, a single woman, Zack J. Cheney, a single man and Kimberley G. AND GAS LEASE Township 15 South, Range 26 West, 6th P.M. hereby amended by <u>deleting</u> therefrom the following provision: horizontal oil well, or into a unit or units not exceeding 640 And replacing said deleted provision with the following: covering the following-described lands in said county: AMENDMENT TO OIL KNOW ALL MEN BY THESE PRESENTS: Section 32: W/2; the manner hereinafter set forth. WHEREAS, on July 24<sup>th</sup>, . 'MON nvolved." "Lessee, and

wells be located on the premises covered by this lease or not. In lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit involved."
None of the other terms and provisions of said Lease are hereby changed or altered, and all of the terms and provisions hereof shall inure to the benefit and be binding upon the undersigned, and their respective successors and assigns. This Amendment may be executed in any number of counterparts, with the same effect as if all parties had executed the same copy. EXECUTED as of the 12th day of April, 2018.
Dorothy C. Cheney Zack J. Cheney
amily Trust dated January 27, 2003
Nillbeiry G. Guown, i rustee Mark A. Shreve, President/COO
STATE OF Kansas ) COUNTY OF <u>Sedgwick</u> ) ss.
The foregoing instrument was acknowledged before me this 12 <sup>th</sup> day of April, 2018, by Mark A. Shreve, President and COO of MULL DRILLING COMPANY, INC., a Kansas corporation, on behalf of the corporation.
WITNESS my hand and official seal.
My commission expires: <u>October 25, 2018</u> Michael A. Massaglia, Notary Public
STATE OF ) ss.
The foregoing instrument was acknowledged before me this day of, 2018, by <u>Dorothy C. Cheney, a single woman</u> .
WITNESS my hand and official seal.
My commission expires:
NOTARY PUBLIC
STATE OF ) ss ) ss.
The foregoing instrument was acknowledged before me this day of, 2018, by <u>Zack J. Cheney, a single man</u> .
WITNESS my hand and official seal.
My commission expires:

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2 of 3

SS. Missouri Janey COUNTY OF STATE OF

, 2018, The foregoing instrument was acknowledged before me this <u>1</u>1 day of <u>Apr.(</u> by <u>Kimberly G. Gdovin, Trustee of the Dodrill Family dated January 27, 2003</u>.

WITNESS my hand and official seal.

My commission expires:  $\partial |\partial \delta|$ 

R D.ARCK 1 Ndtary Public

NORINA DESROCHERS Notary Public - Notary Seal STATE OF MISSOURI Tanay County Commission Number 12484567 2020 Commission (

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, on July 24<sup>th</sup>, 2005, Darrell Cheney, a single person, did execute and deliver to Mull Drilling Company, Inc. (hereinafter referred to as "Lessee"), an Oil and Gas Lease which was recorded at Book 149, Page 313 of the records of Gove County, Kansas (hereinafter referred to as "said Lease"), covering the following-described lands in said county:

<u>Township 15 South, Range 26 West, 6th P.M.</u> Section 32: W/2;

and

WHEREAS, the mineral interest covered by said Lease is presently owned of record by the Dorothy C. Cheney, a single woman, Zack J. Cheney, a single man and Kimberley G. Gdovin, Trustee of the Dodrill Family dated January 27, 2003 (hereinafter referred to as "Lessor"); and

WHEREAS, it is the desire of Lessor and Lessee that said Lease be modified and amended in the manner hereinafter set forth.

NOW, THEREFORE, in consideration of the premises, of the mutual benefits and advantages to be derived therefrom by each of the parties hereto, and the further consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto do hereby agree that said Lease shall be, and the same is, hereby amended by <u>deleting</u> therefrom the following provision: "Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 80 acres each in the event of an oil well, or into a unit or units not exceeding 640 acres each in the event of a gas well. Lessee shall execute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, and describing the pooled acreage. The entire acreage so pooled into a tract or unit snall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his from this lease, whether the well or wells be located on the premises covered by this lease or not. nvolved."

And replacing said deleted provision with the following:

this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 80 acres each in the event of a vertical oil well and 640 acres for a in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had from this lease, whether the well or essee, at its option, is hereby given the right and power to pool or combine the acreage covered by horizontal oil well, or into a unit or units not exceeding 640 acres each in the event of a vertical or horizontal gas well. Lessee shall execute in writing and record in the conveyance records of the county

wells be located on the premises covered by this lease or not. In lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit involved."
None of the other terms and provisions of said Lease are hereby changed or altered, and all of the terms and provisions hereof shall inure to the benefit and be binding upon the undersigned, and their respective successors and assigns. This Amendment may be executed in any number of counterparts, with the same effect as if all parties had executed the same copy. EXECUTED as of the 12th day of April, 2018.
Dorothy C. Cheney Zack J. Cheney
Dodrill Family Trust dated January 27, 2003 MULL DRILLING COMPANY, INC.
Kimberly G. Gdovin, Trustee Mark A. Shreve, President/COO
STATE OF <u>Kansas</u> ) ss.
COUNTY OF Sedgwick )
The foregoing instrument was acknowledged before me this 12 <sup>th</sup> day of April, 2018, by Mark A. Shreve, President and COO of MULL DRILLING COMPANY, INC., a Kansas corporation, on behalf of the corporation.
WITNESS my hand and official seal.
My commission expires: <u>October 25, 2018</u> Michael A. Massaglia, Notary Public
STATE OF SS
The foregoing instrument was acknowledged before me this day of, 2018, by <u>Dorothy C. Cheney, a single woman</u> .
WITNESS my hand and official seal.
My commission expires:
Notary Public
STATE OF ) ss.
The foregoing instrument was acknowledged before me this day of, 2018, by <u>Zack J. Cheney, a single man</u> .
WITNESS my hand and official seal.
My commission expires:
notary Public

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Book: 200 Page: 575-576 Receipt #: 25706 Pages Recorded: 2 Date Recorded: 4/10/2017 11:57:39 AM		CAS LEASE GAS LEASE	th day of March 20 17 Ks 67584 hereinafter called Lessor (whether one or more).	Lessor, in consideration of <u>One and More</u> <u>Dollars (\$ 1.00 &amp; More</u> ) in hand paid, the receipt of which is hereby acknowledged and of the royalties herein provided and of the agreements of the lessee herein contained, hereby grants, leases and lets exclusively unto lessee producing oil, liquid hydrocarbons, all gases, and their respective constituent products, injecting gas, water, other fluids, and air into subsurface strata, laying pipe lines, transports and oil, liquid hydrocarbons, gases and their respective constituent products and other produce, save, take care of, treat, manufacture, process, store and transports and their respective constituent products and other products and there in struated in <u>Gove</u> literating to rand the respective constituent products and other means, prospecting, and housing and otherwise caring for county of <u>Gove</u> literating to respective constituent products and other means for the rectine and thereform, and housing and otherwise caring for county of <u>Gove</u> literating to a described as follows, to-wit: <u>Township 15 South, Range 26 West</u> Section 31: SE/4	Three (3) matituent products, or any of the for oil produced and sold from if the premises, or used in the r an one-eighth (1/8) of the proc arts to be made monthly. When all acre retained hereunder, and is effect as if such well had b like effect as if such well had b like effect as if such well had b ded fee simple estate therein, th ded fee. for lessee's operation thereon, or without written consent of lesso diffec. for lessee's operation thereon, or without written consent of lesso diffec. for lesses is operation thered. for lesses is provent as the areage surrendered. Laws, Executive Orders, Rules with, if compliance is prevent agrees that the lesse shall hav default of payment by lessor, a by surrender and release all is poses for which this lease is m age covered by this lease or an default of payment by lessor, a by surrender and release all in poses for which this lease or an age covered by this lease or an e to do so in order to properly oduced from said premises, suc- well and 640 acres each for a h
E.V.E. G. CORRECTIONAL	Thomas Energy, Inc. 200 W. Douglas Ave., Suite 555 Wichita, Kansas 67202	FORM 88 - (PRODUCER'S SPECIAL) (PAID-UP) M63U (Rev. 1981) OIL AND	THIS AGREEMENT, Made and entered into the 20th day of by and between <u>Greg D. Curtis, a single man</u> whose mailing address is 7031 County Road A, Utica, Ks 67584 and <u>MULL DRILLING COMPANY, INC., 1700 N. Water</u>	Lessor, in consideration ofOne and More is hereby acknowledged and of the royalties herein provided and of the agreement for the purpose of investigating, exploring by geophysical, including but not limite producing oil, liquid hydrocarbons, all gases, and their respective constituent produ- storing oil, building tanks, power stations, telephone lines, and other structures and its employees, the following described land, together with any reversionary rights County of	underto. Subject to the provisions herein contained, this lease shall remain in force for a term of "primary term") and as long thereafter as oil, liquid hydrocarbons, gas or other respective of the nonsideration of the premises the said lessee covenants and agrees: 1st. To tender to lessor, free of cost, onc-eighth (1/8) of all proceeds received by lessee 2nd. To pay lessor for gas of whatsover nature or kind produced and sold, or used of eighth (1/8), at market prices at the well, (but, as to gas sold by lessee, in no event more the free gas sold, used off the premises, or in the manufacture of producst therefrom, said paynes the gas sold, used off the premises, or in the manufacture of producst therefrom, said paynes of eight (1/8), at market prices at the well, (but, as to gas sold y lessee, in no event more the gas sold, used off the premises, or in the manufacture of producst therefrom, said paynes of eight of tab. This lease may be maintained during the meaning of the preceding paragraph. This lease may be maintained during the primary term hereof without further payment the term of this lease or any extension thereof, this lease to any extension thereof, this lease or any extension thereof, this lease to any list of the proceeding paragraph. This lease or any extension thereof, this lease or any extension thereof, the lease of the term of this lease or any extension thereof, the lease shall continue and be in force with uncetimed. This lease or any extension thereof, this lease shall bay the drilled nearer than 200 feet to the house of motion or an undividuated to word shall be drilled nearer than 200 feet to the house of motions and an exceed or stift the estate of either pay for damages caused by lesse's operations to proving crops on said matures. Lessee shall have the right to use, free of cost, gas, oil and water produced an and undividuated with whote or preventes and and the the estate of either and the net term of the lease of the lease of the term of the term of the esta

exceeding 640 acres each in the event of a vertical or horizontal gas well. Lessee shall exceute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all proposes except the payment of royalities on the provision is had from this lease, whether the well or wells be located on the premises covered by this lease or not. In lieu of the royalities elsewhere herein royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit involved. If the end of the primary term this lease is not otherwise continued in force under the provisions hereof, this lease the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the provisions hereof, this lease the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the provisions hereof, this lease shall expire, unless lease on or before the end of the primary term shall pay or tender to lessor a tend and the nubject to this lease; and subject to the privary term shall pay or tender for an additional term loved. Take the end of the primary term shall be extended for an additional term of the lease; and subject to the other provisions of this lease this lease, this lease shall thereby the multer acrease on whether the end of the primary term shall be extended for an additional term of the lease; and subject to the other provisions of this lease the additional threeby of the primary term. Said payment may be made by check or darft of lesses or any assignce thereof, mailed or delivered litect to lessor at the address first provide of the primary term. Said payment may be made by check or darft of lesses or any assignce thereof, mailed or delivered litect to lessor at the address first provide adove, on or	of the county in which ihall be treated, for all led acreage, it shall be ultics elsewhere herein laced in the unit or his e on or before the end tiplied by the number is lease shall thereby is lease shall thereby address first provided other land if and only
IN WITNESS WHEREOF, the undersigned execute this instrument as of the day and year first above written.	
Greg D. Curtis	
STATE OF <u>KANSAS</u> ) COUNTY OF <u>N(ers County</u> ) The foregoing instrument was acknowledged before me this こつ <sup>たら</sup> dav of 110 AAA C	
a single man.	
My commission expires: 2-5-2-02-0 MIKE A. JOHNSON NOTARY PUBLIC STATE OF KANSAS MY COMMISION EXPIRES 25-202.0	Notary Public
STATE OF) COUNTY OF)ss. ACKNOWLEDGMENT FOR INDIVIDUAL The foregoing instrument was acknowledged before me this day of day of	
My commission expires:	Notary Public
Book: 200 Page: 575 Page #: 576	175

AMENDMENT TO OIL AND GAS LEASE
KNOW ALL MEN BY THESE PRESENTS:
WHEREAS, on March 20 <sup>th</sup> , 2017, Greg D. Curtis, a single man\did execute and deliver to Mull Drilling Company, Inc. (hereinafter referred to as "Lesse"), an Oil and Gas Lease which was recorded at Book 200, Page 575-576 of the records of Gove County, Kansas (hereinafter referred to as "said Lease"), covering the following-described lands in said county:
Township 15 South, Range 26 West, 6th P.M. Section 31: SE/4;
WHEREAS, it is the desire of Lessor and Lessee that said Lease be modified and amended in the manner hereinafter set forth. NOW, THEREFORE, in consideration of the premises, of the mutual benefits and advantages to be derived therefrom by each of the parties hereto, and the further consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto do hereby agree that said Lease shall be, and the same is, hereby amended by <u>deleting</u> therefrom the following provision:
"Notwithstanding anything herein to the contrary. Lessee shall have have to pool or combine any acreage covered by this lease into a unit with other land if and only if the wellbore in said unit is not on the leased premises."
None of the other terms and provisions of said Lease are hereby changed or altered, and all of the terms and provisions hereof shall inure to the benefit and be binding upon the undersigned, and their respective successors and assigns. This Amendment may be executed in any number of counterparts, with the same effect as if all parties had executed the same copy.
EXECUTED as of the 29th day of June, 2018.
Greg D. Curtis Mult DRILLING COMPANY, INC.
STATE OF <u>Kansas</u> ) ) ss. COUNTY OF <u>Sedgwick</u> )
The foregoing instrument was acknowledged before me this <u>30</u> <sup>T</sup> day of <u>500</u> , 2018, by Mark A. Shreve, President and COO of MULL DRILLING COMPANY, INC., a Kansas corporation, on behalf of the corporation.
WITNESS my hand and official seal.
My commission expires: October 25, 2018 Michael A. Massaglia, Notary Public
NOTARY PUBLIC - State of Mansas MICHAEL A. MASSAGLIA 1 of 2

Appl. Expires 10/25/18

, 2018, The foregoing instrument was acknowledged before me this  $\frac{2^{4}}{2^{4}}$  day of  $\frac{500}{500}$  by Greg D. Curtis, a single man. \* Notary Public hem 2 of 2 MICHARY PUBLIC - State of Kansas MICHAEL A. MASSAGLIA My Appt. Expires <u>10/25/1</u>8 My commission expires: 10/25/16 WITNESS my hand and official seal. SS. COUNTY OF Ne55 STATE OF Kansas