

Well will not be drilled or Permit Expired Date: _

Signature of Operator or Agent:

For KCC	Use:			
Effective	Date:			
District #				
SGA?	Yes	No		

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

Expected Spud Date:	Spot Description:
monun day year	
PERATOR: License#	foot from N / S Line of Soction
ame:	feet from E / W Line of Section
ddress 1:	Is SECTION: Regular Irregular?
ddress 2:	
State: Zip: +	County:
Contact Person:	Lease Name: Well #:
Phone:	Field Name:
CONTRACTOR: License#	Is this a Prorated / Spaced Field?
lame:	Target Formation(s):
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage):
	Ground Surface Elevation:feet MS
Oil Enh Rec Infield Mud Rotary Gas Storage Pool Ext. Air Rotary	Water well within one-quarter mile:
Disposal Wildcat Cable	Public water supply well within one mile:
Seismic ; # of Holes Other	Depth to bottom of fresh water:
Other:	Depth to bottom of usable water:
	Surface Pipe by Alternate: III
If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set:
Operator:	Length of Conductor Pipe (if any):
Well Name:	Projected Total Depth:
Original Completion Date: Original Total Depth:	Formation at Total Depth:
	Water Source for Drilling Operations:
Directional, Deviated or Horizontal wellbore?	Other:
f Yes, true vertical depth:	DWR Permit #:
Bottom Hole Location:	(Note: Apply for Permit with DWR)
(CC DKT #:	viii cores de taken:
	If Yes, proposed zone:
	AFFIDAVIT
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SEWARD CO. 3390' FEL

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: _							_ Lo	cation of W	ell: Cour	nty:				
Lease:										fe	eet from	N /	S Line	of Section
Well Number:Field:					feet from E / W Line of Sectio						of Section			
				_				S. R		E	W			
Number of QTR/QTR/							15	Section:	Regu	lar or	Irregular			
		·					If S	Section is ction corne	_	, locate w			rner boun SW	dary.
				rell. Show to	d electric		required b	y the Kans	as Surfac		Notice Act	(House B		
				: 				:		0	Tank I	END location Battery L ne Locat		
2685 ft					<u></u>							ic Line L Road Lo		
				1	8		: :	: : : :		EXAMPL	E :			
				·						·····				
											0-7			1980' FSL

NOTE: In all cases locate the spot of the proposed drilling locaton.

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.



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:		License Number:				
Operator Address:						
Contact Person:		Phone Number:				
Lease Name & Well No.:		Pit Location (QQQQ):				
Type of Pit: Emergency Pit Burn Pit Settling Pit Drilling Pit Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit is: Proposed Existing If Existing, date constructed: Pit capacity:		SecTwpR East WestFeet from North / South Line of SectionFeet 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?	No	How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits):	Length (fee	et)	Width (feet) N/A: Steel Pits			
Depth fro	om ground level to dee	epest point:	(feet) No Pit			
Distance to nearest water well within one-mile of	of pit:	Depth to shallo Source of infor	west fresh water feet. nation:			
feet Depth of water well	feet	measured	well owner electric log KDWR			
Emergency, Settling and Burn Pits ONLY: Producing Formation: Number of producing wells on lease: Barrels of fluid produced daily: Does the slope from the tank battery allow all s		Type of materia	over and Haul-Off Pits ONLY: Il utilized in drilling/workover: xing pits to be utilized: procedure:			
Submitted Electronically						
	KCC	OFFICE USE O	NLY Liner Steel Pit RFAC RFAS			
Date Received: Permit Num	ber:	Permi	t Date: Lease Inspection: Yes No			



1220351

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

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

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 #				
Name:	SecTwpS. R East West			
Address 1:	•			
Address 2:				
City:	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:	sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the			
Address 2:	county, and in the real estate property tax records of the county treasurer.			
City:				
the KCC with a plat showing the predicted locations of lease roads, tar are preliminary non-binding estimates. The locations may be entered Select one of the following: I certify that, pursuant to the Kansas Surface Owner Notice owner(s) of the land upon which the subject well is or will be CP-1 that I am filing in connection with this form; 2) if the form form; and 3) my operator name, address, phone number, fax, I have not provided this information to the surface owner(s). I KCC will be required to send this information to the surface of task, I acknowledge that I must provide the name and address that I am being charged a \$30.00 handling fee, payable to the	acknowledge that, because I have not provided this information, the owner(s). To mitigate the additional cost of the KCC performing this as of the surface owner by filling out the top section of this form and a KCC, which is enclosed 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 CF Submitted Electronically	⁷ -1 will be returned.			
1				

For KCC Use ONLY	
API # 15	

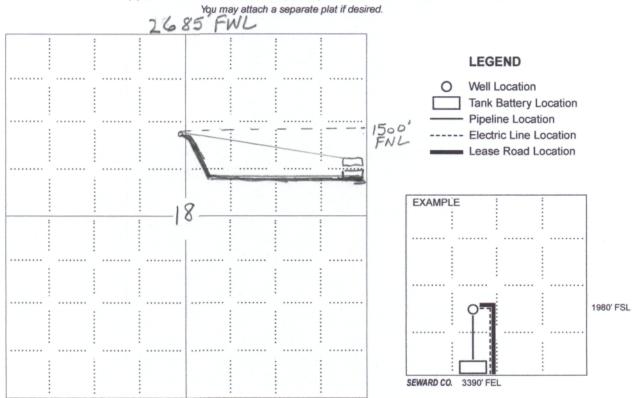
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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

Operator: Mai Oil Operations, Inc.	Location of Well: County: R	tussell
Lease: Mighell-Weeks Trust Unit	1,500	feet from X N / N S Line of Section
Well Number: 1	2,685	feet from E / X W Line of Section
Field: Trapp	Sec. 18 Twp. 15	S. R. <u>13</u>
Number of Acres attributable to well:	Is Section: Regular of	or X Irregular
		ate well from nearest corner boundary. 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).

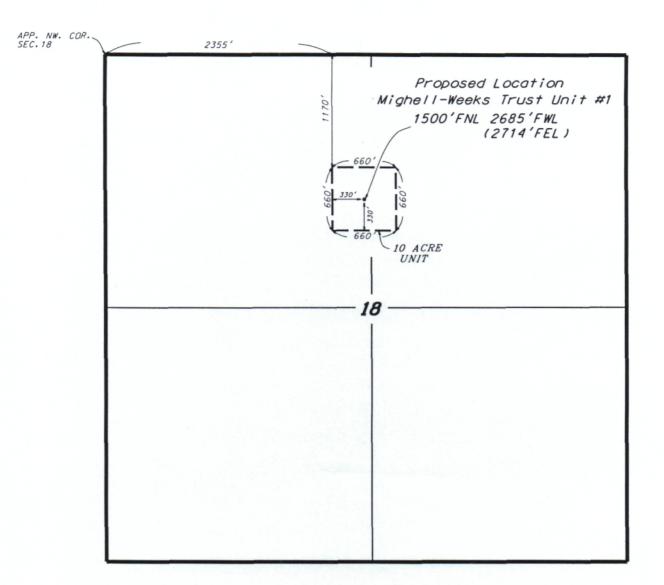


NOTE: In all cases locate the spot of the proposed drilling locaton.

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).
- 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.

MAI OIL OPERATIONS, INC. MIGHELL-WEEKS TRUST UNIT LEASE IN NE. 1/4 & NW. 1/4, SECTION 18, T155, R13W RUSSELL COUNTY, KANSAS



UNIT DESCRIPTION

That part of the Northwest Quarter and Northeast Quarter of Section 18. Townsh 15 South. Range 13 West of the 6th Principal Meridian. Russell County, Kansas, described as follows:

Commencing at the northwest corner of said Section 18: thence on an assumed bearing of East, along the north line of the Northwest Quarter of said section, a distance of 2355.00 feet: thence on a bearing of South a distance of 1170.00 feet to the point of beginning of the unit to be described; thence continuing on a bearing of South a distance of 660.00 feet; thence on a bearing of East a distance of 660.00 feet; thence on a bearing of North a distance of 660.00 feet; thence on a bearing of West a distance of 660.00 feet to the point of beginning. The above described unit contains 10.0 acres.

- Controlling data is based upon the best maps and photographs available to us and upon a regular section of land containing 640 acres.
- * Approximate section lines were determined using the normal standard of care of alifield surveyors practicing in the state of Kansas. The section corners, which establish the precise section lines, were next necessary in the state of Kansas. The section corners, which establish the precise section lines, not guaranteed. Therefore, the aperator securing this service and accepting this plot and all other parties relying thereon agree to hold Central Kansas Olifield Services. Inc., its officers and employees harmless from all lasses, costs and expenses and said entities released from any liability from inclidental or consequential damages.

 * Elevations derived from National Geodetic Vertical Datum.

August 18, 2014 Dote -

CENTRAL KANSAS OILFIELD SERVICES, INC. (620)792-1977

104093-00

SCANNED

OIL AND GAS LEASE PAID UP

AGREEMENT: Made and entered into the __7th__day of __December ___, 2006, by and between __Orval E. Weeks, Trustee for the Orval E. Weeks Revocable Trust dated June 8, 2001, whose mailing address is, 1804 Apollo Ave, Great Bend, Kansas 67530

Bend, Kansas 67530
hereinafter called Lessor (whether one or more), and ABARTA Oil & Gas Company, Inc. of 1000 RIDC Plaza, Pittsburg, Pennsylvania 15238, hereinafter called Lessee:

Township 15 South Range 13 West

Section 18: NE/4

containing 160 acres, more or less, and including all lands and interests therein, contiguous or appurtenant to said described lands and owned or claimed by Lessor, whether or not specifically described above. If said lands are riparian to, bound, or embrace- within its boundaries a stream, lake or other body of water, then all of Lessor's oil and/or gas rights and lands under said bodies of water, and all area now or hereafter added by accretion, are included and covered by this lease. The term "oil" when used in this lease shall mean crude oil and other hydrocarbons, regardless of gravity, produced at the well in liquid form by ordinary production methods, including condensate separated from gas at the well. The term "gas" shall specifically include coal bed methane gas and occluded gas from coal seams, helium, carbon dioxide, gaseous sulfur compounds, and other commercial gases, as well as normal hydrocarbon gases.

- 3. Lessee covenants and agrees to pay the following royalties: (a) To deliver to the credit of Lessor into storage tanks or into the pipeline to which Lessee may connect its wells, one-eighth (1/8th) of the oil produced and saved from said lands, Lessor's interest to bear one-eighth (1/8th) of the cost of treating oil to render it marketable pipeline oil, or from time to time, at the option of Lessee, Lessee may sell the oil produced and saved from said land and pay Lessor one-eighth (1/8th) of the net amount realized by Lessee, computed at the wellhead; (b) To pay Lessor on gas produced from said lands (1) when sold by Lessee, one-eighth (1/8th) of the net amount realized by Lessee, computed at the wellhead, or (2) when used by Lessee for purposes other than those specified in Paragraph numbered 7 of this Lease, one-eighth (1/8th) of the net market value at the wellhead of the gas so used. As used in this Lease, the term "net amount realized by Lessee, computed at the wellhead" shall mean the gross proceeds received by Lessee from the sale of oil and gas minus post-production costs incurred by Lessee between the wellhead and the point of sale, and the term "net market value at the wellhead" shall mean the current market value (at the time of production) of the gas at a market point where gas produced in the general area is commonly purchased and sold, minus the post-production costs that would be incurred by Lessee between the wellhead and such market point in order to realize that market value. As used in this Lease, the term "post-production costs" shall mean all cost and expenses of: (a) treating and processing oil and/or gas to separate and remove non-hydrocarbons including but not limited to water, carbon dioxide, hydrogen sulfide and nitrogen, and (b) separating liquid hydrocarbons from gas, other than condensate separated at the well, and (c) transporting oil and/or gas, including but not limited to transportation between the wellhead and any production or treating facilities, and transportati

services, or it may engage others to provide such services; and if Lessee uses its own pipelines and/or equipment, post-production costs shall include reasonable depreciation and amortization expenses relating to such facilities, together with Lessee's cost of capital and a reasonable return on its investment in such facilities. Prior to payment of royalty, Lessor shall execute a Division Order certifying Lessor's interest in production. Lessee may pay all taxes and fees levied upon the oil and/or gas produced, including, without limitation, severance taxes, privilege and surveillance fees, and deduct a proportionate share of the amount so paid from any monies payable to Lessor hereunder.

- 4. If any well, capable of producing oil and/or gas located on the leased lands, or on lands pooled or communitized with all or part of the leased lands, is at any time shut-in and production therefrom is not sold or used off the premises, nevertheless such shut-in well(s) shall be considered a well(s) producing oil and/or gas and this lease will continue in force while such well(s) is shut-in, whether before or after expiration of the primary term. Lessee shall use reasonable diligence to market oil and/or gas capable of being produced from such shut-in well(s), but shall be under no obligation to reinject or re-cycle gas, or to market such oil and/or gas under terms, conditions, or circumstances which in Lessee's judgment are uneconomic or otherwise unsatisfactory. In the absence of a producing well on the leased lands, or on lands pooled or communitized with all or part of the leased lands, and a shut-in well or wells exist, Lessee shall be obligated to pay or tender to Lessor at the above address, shut-in royalties, within 60 days after expiration of each period one year in length (annual period) during which such well(s) is shut-in, as royalty, the sum of \$5.00 multiplied by the number of acres subject to this lease, provided, however, that if production from said well or wells is sold or used off the premises before the end of any such period, or, if at the end of any such annual period this lease is being maintained in force and effect other than by reason of such shut-in well, Lessee shall not be obligated to pay or tender said sum of money for that annual period for shut-in well(s) on the leased lands. This shut-in royalty payment may be made in currency, draft or check, at the option of Lessee, and the depositing of such payment in any post office, with sufficient postage and properly addressed to Lessor, within 60 days of the expiration of the annual period shall be deemed sufficient as herein provided.
- 5. If this lease covers less than the entire undivided interest in the oil and gas in said land (whether Lessor's interest is herein specified or not), then the royalties, shut-in royalties and any extension payment pursuant to Paragraph numbered 15 below shall be paid to Lessor only in the proportion which the interest in oil and gas covered by this lease bears to the entire undivided interest herein
- 6. If Lessee is prevented from, or delayed in commencing, continuing, or resuming operations, or complying with its express or implied obligations hereunder by circumstances not reasonably within Lessee's control, this lease shall not terminate and Lessee shall not be liable in damages so long as said circumstances continue (the "period of suspension"). These circumstances include, but are not limited to the following: conflict with federal, state or local laws, rules, regulations and executive orders; acts of God; strikes; lockouts; riots; wars; improper refusal or undue delay by any governmental agency in issuing a necessary approval, license or permit applied for by Lessee; equipment failures; and inability to obtain materials in the open market or to transport said materials. If the period of suspension commences more than 90 days prior to the end of the primary term of this lease, then that period of suspension shall be added to the primary term. If the period of suspension commences less than 90 days prior to the end of the primary term or at any time after the primary term, then this lease shall not terminate if Lessee shall commence or resume operations within 90 days after the end of the period of suspension.
- 7. Lessee shall have the right to use, free of cost, gas, oil and water produced on said lands for Lessee's operation thereon except water from the wells of Lessor. When requested by Lessor, Lessee shall bury Lessee's pipeline below plow depth. No well shall be drilled nearer than 200 feet to any house or barn now on said premises without written consent of Lessor. Lessee shall pay for damages caused by Lessee's operations to growing crops on said lands. The amount of such damage payment shall be based upon the fair market value of actual crops destroyed. Lessee shall have the right at any time to remove all machinery and fixtures placed on said premises, including the right to draw and remove casing.
- 8. For the purpose of oil and gas development and production under this lease, Lessor does hereby grant to Lessee the right to pool or communitize said premises, or any part thereof, with other lands to comprise an oil development unit of not more than one hundred sixty (160) acres, more or less, and/or a gas development unit of not more than six hundred forty (640) acres, more or less, but Lessee shall in no event be required to drill more than one well on said unit. Lessee's recording in the Register of Deeds office within the county or counties in which said unit is situated, an instrument identifying the unit so created, will create each unit. If such well or wells as contemplated by this clause are not drilled on the leased premises said well or wells shall nevertheless be deemed to be upon the leased premises within the meaning of all covenants, expressed or implied, in this lease and Lessor shall participate in the royalty, as detailed in Paragraph numbered 3, from such oil and or/gas development unit in the proportion that the number of acres owned by the Lessor within the limitations of such development unit bears to the total number of acres included therein.
- 9. This lease is subject to laws and to rules, regulations and orders of any governmental agency having jurisdiction, from time to time in effect, pertaining to well spacing, pooling, unitization, uniform spacing plans, drilling or production units, or use of material and equipment.
- 10. If Lessor considers that Lessee has not complied with all its obligations hereunder, both express and implied, Lessor shall give written notice to Lessee specifically describing Lessee's non-compliance. Lessee shall have 90 days from receipt of such notice to commence, and shall thereafter pursue with reasonable diligence, such action as may be necessary or proper to satisfy such obligation of Lessee, if any, with respect to Lessor's notice. Neither the service of said notice nor the doing of any acts by Lessee in response thereto shall be deemed an admission or create a presumption that Lessee has failed to perform all its obligations hereunder. No judicial action may be commenced by Lessor for forfeiture of this lease or for damages until after said 90 day period. Lessee shall be given a reasonable opportunity after a final court determination to prevent forfeiture by discharging its express or implied obligation as established by the court. If this lease is canceled for any cause, it shall, nevertheless remain in force and effect as to (a) sufficient acreage around each well as to which there are operations, so as to constitute a drilling or maximum allowable unit under applicable governmental regulations, such acreage to be designated by Lessee in such shape as then existing spacing rules permit and (b) any part of said land included in a pooled or unitized unit on which there are operations. Lessee shall also have such easements on said land as are necessary or convenient for operations on the acreage so retained.

- 11. If the estate of either party hereto is assigned, and the privilege of assigning in whole or in part is expressly allowed, the covenants hereof shall extend to their heirs, executors, administrators, successors or assigns. Notwithstanding any other actual or constructive knowledge of Lessee, no change in the ownership of the lands or assignment of royalties or other monies shall be binding on the Lessee until thirty (30) days after Lessee has been furnished with a written transfer or assignment or a true copy thereof that has been properly filed for record and that shall be necessary in the opinion of Lessee to establish the validity of such change of ownership or division of interests. No change or division in the ownership of said lands, royalties or other monies, or any part thereof, however accomplished, shall increase the obligations or diminish the rights of Lessee, including, but not limited to, rights and obligations relating to the location and drilling of wells and the measurement of production. Upon assignment by Lessee, its successors or assigns, the assignor shall be released from, and the assignee shall assume, the responsibility to fulfill the conditions and to perform the covenants of this lease, express or implied, with regard to the interest assigned. Breach of any covenant or failure to fulfill any condition by an owner of any part of the leasehold interest created by this lease shall not defeat or affect the rights of the owner(s) of any other part
- 12. Lessor expressly grants to Lessee the right to inject water, brine or other fluids produced from these leased premises into the subsurface strata for disposal. The injection of water, brine, or other fluids into subsurface strata shall be made only into strata below those furnishing domestic fresh water.
- 13. Lessor hereby warrants and agrees to defend the title to said lands herein described, and agrees that the Lessee shall have the right at any time to redeem for Lessor, by payments, any mortgage, taxes, or other liens on the above described lands, in the event of default of payment by Lessor, and be subrogated to the rights of the holder thereof and the undersigned Lessors for themselves and their heirs, successors, and assigns, hereby surrender and release all rights of dower and homestead in the premises herein described, insofar as said right of dower and homestead may in any way affect the purposes for which this lease is made as recited herein.
- 14. Lessee may at any time surrender this lease as to all or any part of the lands covered thereby, by delivering or mailing a release thereof to the Lessor, if lease is not recorded, or by placing a release thereof of record in the proper county, if lease is recorded; and if surrendered only as to a part of said lands, any delay rentals or acreage payments which may thereafter be payable hereunder shall be reduced proportionately.
- 15. At Lessee's option, the primary term of this lease may be extended from _Two (2) years to Three (3) years by paying or tendering to Lessor, on or before the expiration of said primary term, a bonus of \$\frac{10.00}{10.00}\$ per acre for the lands then covered hereby, said bonus to be paid or tendered to Lessor by U.S. Mail at the above address.
- 16. If during the primary term of this Lease, or any extension thereof, Lessor receives a bona fide written offer to enter into a new Oil and Gas Lease from any third party and such offer is acceptable to Lessor, Lessee shall have the right to have the new lease executed in its favor, upon the same terms and conditions. Said right shall be exercised by Lessee within thirty (30) days from the date Lessee receives written notice from Lessor or said right shall terminate.
- 17. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original but all of which together will constitute one and the same instrument.

IN TESTIMONY WHEREOF WE SIGN, This the 7th Orval E. Weeks Revocable Trust Orval E. Weeks, Trustee Orval E. Weeks, Trustee	day of Docsuper, 2006	
STATE OF KANSAS SS. COUNTY OF Barton	ACKNOWLEDGMENT	ComputerNumberical
On this		the same to the sa
	Notary Public County, Kansas. My Commission Expires: 3-8-09	
NOTARY PUBLIC - State of Kansas STEVE C. BOONE SR. My Appt. Exp. 28-04	State of Kansas, Russell County, ss This instrument filed for record February 6, 2007	Senl &
BOOK 207 PAGE 0271	Book 207 Page 269-271 Register of Deeds \$16.00	OFFI COUNTY !

		OIL	AND GAS	LEASE			
AGREEMENT, Made and entered	into the 13	th day of	June		, 201	13	
by and between Lorraine	I. Krug, Tru	stee of the Lo	orraine I. Krug	Revocabl	e Trust		142 ·
				Sec.		18684	
whose mailing address is 3	339 187 th Stre	et, Russell, KS	67665			nereinafter called L	essor (whether one or m
and MAST DRILLING,	INC.						
		A FINEL WI	29.17.56		£71.37	9. 10. 11	hereinafter called Le
Lessor, in consideratic receipt of which is here acknowle unto lessee for the purpose of i hydrocarbons, all gases, and their tanks, power stations, telephone liquid hydrocarbons, gases and the following described land, togo	dged and of the r nvestigating, exp respective consti lines, and other s heir respective co	oloring by geophysic ituent products, inject structures and things onstituent products a	cal and other mean cting gas, water, oth thereon to produce and other products a	ns, prospecting ner fluids, and ai e, save, take car manufactured the	drilling, minin ir into subsurfa e of, treat, ma	g and operating for ice strata, laying pip nufacture, process,	s, leases and lets exclusion and producing oil, lippe lines, storing oil, built store and transport said
therein situated in County of	Russell	State of	Kansas			described as fo	illows to wit:
		The	Northwest Quarte	r (NW4)			
In Section 18 Tow	nship 15S	Range		ontaining	160	Acres, more or les	ss, and all accretions
Lease or any portion thereof woo of the acreage described herein to fthe sum equal to the original Lessor in the land above descriadditional three (3) years from the tother address as Lessor may be purposes as though this Lease or hereby, Lessee shall designate sum in consideration of the	hing to the contr- uld expire in acc hat is expiring, per acre bonus pa bed and then su he primary term? reinafter furnish riginally provide ich portion by a repression of the premises the said credit of lessor, a	ary contained herein ordance with its ten. The only action req- aid to lessor under the bject to this lease, hereof. Such tender I Lessee via writter d for a primary terr recordable instrument d lessee covenants as	n, Lessee is hereby ms and provisions, uired by Lessee to he original primary and subject to the shall be via check or notice). Should m of Six (6) years. nt. nd agrees:	granted the exc of extending th exercise this op term of said le other provision or sight draft in this option be If this Lease i	clusive option, his Lease for an attion being pay- ease multiplied as of this leas- lailed to or del exercised as I is extended as	to be exercised pri a additional period ment to Lessor of by the number of; e, the primary terr ivered to Lessor at acrein provided it to only a portion of	for to the date on which of Three (3) years as a an additional consider, net mineral acres owne m shall be extended for t the above address (or shall be considered for
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lessor, by payment any mortgage holder thereof, and the undersign premises described herein, in so f Lessee, at its option, it leases in the immediate vicinity t as to promote the conservation or another and to be into a unit or u well. Lessee shall execute in well. Lessee shall execute in wells be located on the premise of the proceed on the premise of the premis	s, taxes or other I del lessors, for the dar as said right of Is hereby given the hereof, when in I f oil, gas or other ministry and record he entire acreage in this lease. If ses covered by the bysalty stipulated I ur unit involved.	liens on the above de emselves and their hi dower and homeste e right and power to essee's judgment it in minerals in and un- ig 40 acres each in t in the conveyance- so pooled into a tra- production is found his lease of not. In I herein as the amount	escribed lands, in it cirs, successors and and may in any way pool or combine th is necessary or adv der and that may be he event of an oil or records of the cou ct or unit shall be to on the pooled acre ieu of the royalties of his acreage place.	e event of defat assigns, hereby affect the purpo e acreage covern isable to do so in produced from well, or into a un aty in which the eated, for all pu age, it shail be t elsewhere here e in the unit or I	alt of payment is surrender and sees for which the deby this lease in order to prope a said premises nit or units not a land herein be traded as if proposes except the property of the proper	by lessor, and be st release all right of his lease is made, at or any portion there erly develop and of such poeling to be exceeding 640 acre eased is situated at the payment of roya duction is had from ssor shall receive or	dower and homestead is se recited herein. reof with other land, lea perate said lease premise e of tracts contiguous to ese each in the event of in instrument identifying alties on production from u this lease, whether the on production from a u
Witnesse WHEREOF, the under	A rue	Towns	on Deep	S. S			

Lorraine I. Krug, Trustee

OIL AND GAS LEASE

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	o octaveen	mario	o re mig	nion and bank	oo migiren, w	ic and nusban	u		
whos	e mailing ad	dress is	PO Box 4	406, Russell, KS	6 67665			hereinafter called Lessor (whether one or more)
and		DRILLING		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	01000			netenianer caned Lessor ((whether one or more)
			3, 1110.					her	reinafter called Lessee
	Lessor	in considera	tion of	One and O.V	C				
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there	n situated in	County of	Russel	II St	ate of Kan	sas		described as follows	to wit:
					The Northwest	Quarter (NW4)			
Sect	on.	18 To	ownship	15S Range		and containing	160	Acres, more or less, and thereto.	d all accretions
	-		*	, , ,	the second section is a second section of the section of the second section of the section o			rom this date (called "prima	uni tarm") and as land
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	When r	equested by	lessor, lessee	e shall bury lessee's	pipe lines below pl	ow depth.			
	No wel	I shall be dri	lled nearer th	han 200 feet to the l	ouse or barn now o	n said premises withou	ut written cor	sent of lessor.	
				used by lessee's op					
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essee	eirs, execut until after th	ors, administ he lessee has	rators, succe been furnis	essors or assigns, b hed with a written t	ut no change in the transfer or assignme	ownership of the lar	nd or assignment of. In case	essly allowed, the covenants nent of rentals or royalties si lessee assigns this lease, in v signment.	hall be binding on the
harak	Lessee	may at any	time execute	e and deliver to les	sor or place of reco	ord or releases covering	ng any portio	n or portions of the above d	lescribed premises and
	All exp	ress or impli	ed covenant	ts of this lease shall	be subject to all Fe	deral and State Laws,	Executive O	rders, Rules or Regulations, prevented by, or if such fail	and this lease shall no ure is the result of, and
		Rule or Regu		or nero more m dan	inges, for familie to	rompiy marring in			
holde	by paymen thereof, and	t any mortga i the undersi	ges, taxes or gned lessors	other liens on the	above described lan d their heirs, success	ds, in the event of def sors and assigns, herel	ault of payme by surrender	essee shall have the right at a ent by lessor, and be subroga and release all right of dowe the this lease is made, as recit	ited to the rights of the r and homestead in the
noth	in the imme promote the rand to be Lessee shall bing the pool lunit, as if i be occated fonly such;	ediate vicinity eonservation into a unit of the execute in sted acreage. It were include the on the pro- portion of the	of oil, gas of units not extract writing and The entire is led in this led in section of the entire is royalty stip	then in lessee's judg op other minerals in second in the conva- acreage so pooled/in- acreage so pooled/in- ac	and under and that each in the event of gyance records of ato a tract or unit sh is found on the pop not. In view of the	or advisable to do so may be produced fro an oil well, or into a the county in which t all be treated, for all p ted acreage, it shall be ovatives elsewhere pe	in order to form said premit or units he land here outposes exceptraded as if rein specified	roperly-develop-grid-operate sess, such pooling-to-he-of-tr-not-exceeding-640-acres-each-least-each	said lease premises a acts contiguous to on h in the event of a ga ument identifying an on production from the lease, whether the we duction from a units
poole or we poole	e so pooled	mi tire pentre	nar unit my	OLI BUIL					
poole poole acrea	INESS WHE	REOF, the und	11	ute this agreement as	of the day and year firs	t above written.	100	2.0:	
poole poole acrea Wine	INESS WHE	REOF, the und	11		of the day and year firs	above written.	W. S	aulis	S.S.#

AMENDMENT TO OIL AND GAS LEASE

The undersigned, being the owners of the interest in the oil, gas and other minerals in and under and that may be produced from the Northwest Quarter (NW/4) of Section 18-T15S-R13W, Russell County, Kansas, which interest is subject to the terms of that certain oil and gas lease dated June 13, 2013, from Marlene K. Mighell and James Mighell, wife and husband, as Lessors, to Mast Drilling, Inc., as Lessee, recorded in book 219, Page 286-287 in the office of the Register of Deeds in and for the aforesaid County and State, hereby agrees as follows:

"The lessee under said lease, and its successors and assigns, is hereby given the right and power to pool or consolidate the acreage covered by said lease, or any portion or portions thereof, into such tracts contiguous to each other and to be into a unit or units not exceeding 40 acres each in the event of an oil well, or into a unit or units not exceeding 160 acres in the event of a gas well. Lessee shall execute in writing and record in the conveyance records of Russell County, Kansas, an instrument identifying and describing the pooled or unitized acreage. The entire acreage as 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 the leases covering the interest of the undersigned. If production is found on the pooled acreage, it shall be treated as if production is had from the leases covering the interest of the undersigned. In lieu of the royalties otherwise specified in said leases, the undersigned shall receive on production from a unit so pooled only such portion of the royalty stipulated in said lease as the amount of interest of the undersigned placed into said unit bears to the total acreage so pooled or unitized in the particular unitization."

In the event the terms hereof conflict with the terms of any of said leases covering the interest of the undersigned in the above lands, the terms of this amendment shall control.

2013

Executed this 27 Day of Aug., 2014, to be effective the	
Marlene K. Mighell ACKNOWLEDGEMENT	James Mighell Wing hill
County of Russell) State of Kansas)	
The foregoing instrument was executed this 27 Day of 6 and James Mighell, wife and husband. My commission expires: $8-14-15$	Printed Name: Kathleen Newton Notary Public
	KATHLEEN NEWTON Notary Public - State of Kansas My Appt. Expires

OIL AND GAS LEASE

			OIL A	טאט טאט	LLAOL	•			
AGREEMENT, Made and	entered into the	_13 th	day of	June		, 20	13		
by and between Ric	hard D. Krug	g and Susa	n Krug, I	nusband and	wife				
whose mailing address is	PO Box 5	87, Russell,	KS 67665				hereinafter called Less	sor (whether one or	more),
and MAST DRILL	ING, INC.								
							-	hereinafter called	Lessee:
Lessor, in cons		One and C					Dollars (\$		
receipt of which is here ac unto lessee for the purpo hydrocarbons, all gases, at tanks, power stations, tele liquid hydrocarbons, gase the following described la	se of investigating of their respective sphone lines, and of and their respective sphone their respect	e constituent pro other structures tive constituent	geophysica ducts, injecti and things t products and	I and other means ing gas, water, other hereon to produce, I other products ma	, prospecting r fluids, and a save, take can mufactured th	drilling, minir ir into subsurfi re of, treat, ma	ng and operating for ace strata, laying pipe mufacture, process, st	and producing oil, lines, storing oil, b ore and transport s	liquid uilding aid oil;
therein situated in County	of Russell	1	State of	Kansas			described as folio	ows to wit:	
			The N	orthwest Quarter	(NW4)	. , :			
In Section 18	Township	15S , Rai	noe	13W and co	ntaining	160	Acres, more or less, thereto.	and all accretions	
thereafter as oil, liquid hyd	rocarbons, gas or ng anything to the eof would expire herein that is expiriginal per acre by described and the from the primary may hereinafter f lease originally pi	other respective contrary conta in accordance v ring. The only onus paid to less een subject to term hereof. So turnish Lessee rovided for a p	constituent ined herein, with its terms action requi sor under the this lease an uch tender sl via written a rimary term	products, or any of Lessee is hereby g s and provisions, o red by Lessee to e: original primary t d subject to the o tall be via check o notice). Should the of Six (6) years.	them, is produ- ranted the exc f extending the cercise this op- erm of said le ther provision r sight draft mass option be	ceed from said clusive option, his Lease for a ption being pay ease multiplied as of this leas nailed to or del exercised as	to be exercised prior n additional period o yment to Lessor of ar by the number of ne e, the primary term livered to Lessor at therein provided it sh	ch said land is pool to the date on whi f Three (3) years a a additional considet mineral acres ow shall be extended he above address (call be considered	ed. ich this s to all eration ned by for an or such for all
	n of the premises t								
I". To deliver			st, in the pip	e line to which less	see may conne	oct wells on sa	id land, the equal one	eighth (%) part of	all oil
one-eighth (%), at the mar for the gas sold, used off t used, lessee may pay or considered that gas is bein This lease may within the term of this leas	ket price at the we he premises, or in tender as royalty g produced within be maintained do se or any extension	ell, (but, as to go the manufactur One Dollar (\$1) the meaning of oring the primar in thereof, the less	as sold by lesse of products .00) per year the preceding y term herecosee shall have	see, in no event man, said payments to reper net mineral and general paragraph. If without further payer the right to drill:	be made montaged retained I ayment or drisuch well to co	righth (%) of the thirty. Where go hereunder, and illing operation ompletion with	as from a well product if such payment or as. If the lessee shall reasonable diligence	y lessee from such ing gas only is not tender is made it commence to drill and dispatch, and i	sales), sold or will be a well f oil or
	wns a less interest	t in the above d	escribed land	I than the entire an	d undivided fe	ce simple estat	ell had been complete e therein, then the roy		
shall be paid the said lesso							therean event water	from the smalle of h	annor
				below plow depth		ce s operation	thereon, except water	nom the wens of h	28801.
				arn now on said pre		written conser	nt of lessor.		
				growing crops on					
If the estate of their heirs, executors, adm lessee until after the lesser shall be relieved of all obli	either party hereto ninistrators, success has been furnished gations with respe	o is assigned, a ssors or assigns ed with a writte act to the assigne	nd the privile , but no char n transfer or ed portion or	ege of assigning in age in the ownersh assignment or a tra portions arising sul	whole or in p ip of the land ie copy thereo esequent to the	eart is expressly or assignment of. In case less e date of assign	ee assigns this lease, ment.	nts hereof shall extends shall be binding in whole or in part,	on the lessee
thereby surrender this leas	e as to such portion implied covenants	n or portions an of this lease shi	d be relieved all be subject	of all obligations a to all Federal and	s to the acreag State Laws, Ex	ge surrendered. xecutive Order	s, Rules or Regulation	ns, and this lease sh	all not
Lessor hereby Lessor, by payment any mo holder thereof, and the un premises described herein,	Regulation. warrants and agree ortgages, taxes or of dersigned lessors, it in so far as said ri	es to defend the other liens on th for themselves a ight of dower an	title to the lessend their heir	ands herein describ cribed lands, in the s, successors and a may in any way af	ed, and agrees event of defau ssigns, hereby fect the purpos	s that the lesse alt of payment surrender and ses for which t	e shall have the right by lessor, and be sub- release all right of do his lease is made, as n	at any time to rede ogated to the rights wer and homestead ecited herein.	em for s of the l in the
Lessee, at its of leases in the immediate via as to promote the conservamenter and to be into a unwell. Lessee shall execut describing the pooled acre pooled unit, as if it were in or wells be located on the pooled only such portion of acreage so pooled in the pooled.	cinity thereof, who ation of oil, gas or nit or units not exte e in writing and r age. The entire ac neluded in this lea premises covered of the royalty stipu	en in lessee's ju r other minerals ceeding 40 acre record in the co creage so pooled se. If productio l by this lease o lated herein as t	dgment it is in and under seach in the inveyance red into a tract on is found or not. In lies	necessary or advisar and that may be perent of an oil we cords of the county or unit shall be treat the pooled acreage of the royalties e	ble to do so in roduced from Il, or into a un in which the ted, for all pure, it shall be to isewhere herei	n order to prop said premises, it or units not land herein la rposes except t raded as if pro in specified, le	, such pooling to be of exceeding 640 acressessed is situated an in- the payment of royalti- duction is had from the asor shall receive on	ate said lease prem if tracts contiguous each in the event o astrument identifyit es on production from its lease, whether it production from a	to one f a gas ng and om the he well unit so
IN WITNESS WHEREOF, the Witnesses:	undersigned execut	e this agreement a	s of the day an	d year first above writ	ten.	7	trum		