

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

month day year	Spot Description:
PERATOR: License#	feet from N / S Line of Section
ame:	
ddress 1:	
ddress 2:	
ity:	County
ontact Person:hone:	Lease Name: Well #:
none.	Field Name:
ONTRACTOR: License#	Is this a Prorated / Spaced Field? Yes No
lame:	Target Formation(s):
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage):
Oil Enh Rec Infield Mud Rotary	Ground Surface Elevation:feet MS
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:
If OWWO: old well information as follows:	Surface Pipe by Alternate: III
	Length of Surface Pipe Planned to be set:
Operator:	
Well Name:	Projected Total Depth:
Original Completion Date: Original Total Depth:	
Directional, Deviated or Horizontal wellbore?	Water Source for Drilling Operations:
f Yes, true vertical depth:	
Bottom Hole Location:	DWK Permit #
KCC DKT #:	(Note: Apply to I territe with BVI )
	Will Cores be taken? Yes No
	ii res, proposed zone.
	AFFIDAVIT
The undersigned hereby affirms that the drilling, completion and eventual	al plugging of this well will comply with K.S.A. 55 et. seq.
t is agreed that the following minimum requirements will be met:	
1. Notify the appropriate district office <i>prior</i> to spudding of well;	
	each drilling rig;
2. A copy of the approved notice of intent to drill <b>shall be</b> posted on	
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
<ol> <li>The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet int</li> </ol>	to the underlying formation.
<ul><li>3. The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet int</li><li>4. If the well is dry hole, an agreement between the operator and the</li></ul>	to the underlying formation. e district office on plug length and placement is necessary <i>prior to plugging;</i>
<ol> <li>The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet int</li> <li>If the well is dry hole, an agreement between the operator and the</li> <li>The appropriate district office will be notified before well is either p</li> </ol>	to the underlying formation.  e district office on plug length and placement is necessary <i>prior to plugging;</i> plugged or production casing is cemented in;
<ol> <li>The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet int</li> <li>If the well is dry hole, an agreement between the operator and the</li> <li>The appropriate district office will be notified before well is either p</li> <li>If an ALTERNATE II COMPLETION, production pipe shall be cem</li> </ol>	to the underlying formation.  e district office on plug length and placement is necessary <i>prior to plugging</i> ;  colugged or production casing is cemented in;  lented from below any usable water to surface within 120 DAYS of spud date.
<ol> <li>The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet int</li> <li>If the well is dry hole, an agreement between the operator and the</li> <li>The appropriate district office will be notified before well is either p</li> <li>If an ALTERNATE II COMPLETION, production pipe shall be cem Or pursuant to Appendix "B" - Eastern Kansas surface casing order</li> </ol>	to the underlying formation.  e district office on plug length and placement is necessary <i>prior to plugging;</i> plugged or production casing is cemented in;
<ol> <li>The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet int</li> <li>If the well is dry hole, an agreement between the operator and the</li> <li>The appropriate district office will be notified before well is either p</li> <li>If an ALTERNATE II COMPLETION, production pipe shall be cem Or pursuant to Appendix "B" - Eastern Kansas surface casing order</li> </ol>	to the underlying formation. e district office on plug length and placement is necessary <i>prior to plugging;</i> colugged or production casing is cemented in; ented from below any usable water to surface within <i>120 DAYS</i> of spud date. er #133,891-C, which applies to the KCC District 3 area, alternate II cementing
<ol> <li>The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet int</li> <li>If the well is dry hole, an agreement between the operator and the</li> <li>The appropriate district office will be notified before well is either p</li> <li>If an ALTERNATE II COMPLETION, production pipe shall be cem Or pursuant to Appendix "B" - Eastern Kansas surface casing order</li> </ol>	to the underlying formation. e district office on plug length and placement is necessary <i>prior to plugging;</i> colugged or production casing is cemented in; ented from below any usable water to surface within <i>120 DAYS</i> of spud date. er #133,891-C, which applies to the KCC District 3 area, alternate II cementing
<ol> <li>The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet int</li> <li>If the well is dry hole, an agreement between the operator and the</li> <li>The appropriate district office will be notified before well is either p</li> <li>If an ALTERNATE II COMPLETION, production pipe shall be cem Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be completed.</li> </ol>	to the underlying formation. e district office on plug length and placement is necessary <i>prior to plugging;</i> plugged or production casing is cemented in; ented from below any usable water to surface within <i>120 DAYS</i> of spud date. er #133,891-C, which applies to the KCC District 3 area, alternate II cementing
<ol> <li>The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet int</li> <li>If the well is dry hole, an agreement between the operator and the</li> <li>The appropriate district office will be notified before well is either p</li> <li>If an ALTERNATE II COMPLETION, production pipe shall be cem Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be completed.</li> </ol>	to the underlying formation.  e district office on plug length and placement is necessary <i>prior to plugging;</i> plugged or production casing is cemented in;  eented from below any usable water to surface within 120 DAYS of spud date.  er #133,891-C, which applies to the KCC District 3 area, alternate II cementing  all be plugged. In all cases, NOTIFY district office prior to any cementing.
<ol> <li>The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet int</li> <li>If the well is dry hole, an agreement between the operator and the</li> <li>The appropriate district office will be notified before well is either p</li> <li>If an ALTERNATE II COMPLETION, production pipe shall be cem Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be completed.</li> </ol>	to the underlying formation. e district office on plug length and placement is necessary <i>prior to plugging;</i> colugged or production casing is cemented in; ented from below any usable water to surface within <i>120 DAYS</i> of spud date. er #133,891-C, which applies to the KCC District 3 area, alternate II cementing all be plugged. <i>In all cases, NOTIFY district office</i> prior to any cementing.  Remember to:
3. The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet int  4. If the well is dry hole, an agreement between the operator and the 5. The appropriate district office will be notified before well is either p. 6. If an ALTERNATE II COMPLETION, production pipe shall be cem Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be completed.  **Description**  **Des	to the underlying formation. e district office on plug length and placement is necessary prior to plugging; blugged or production casing is cemented in; ented from below any usable water to surface within 120 DAYS of spud date. er #133,891-C, which applies to the KCC District 3 area, alternate II cementing all be plugged. In all cases, NOTIFY district office prior to any cementing.  Remember to:  - File Certification of Compliance with the Kansas Surface Owner Notification
3. The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet interest.  4. If the well is dry hole, an agreement between the operator and the 5. The appropriate district office will be notified before well is either p. 6. If an ALTERNATE II COMPLETION, production pipe shall be cem Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be completed.  **Libmitted Electronically**  **For KCC Use ONLY**  API # 15	to the underlying formation.  de district office on plug length and placement is necessary <i>prior to plugging;</i> plugged or production casing is cemented in;  ented from below any usable water to surface within 120 DAYS of spud date.  er #133,891-C, which applies to the KCC District 3 area, alternate II cementing all be plugged. In all cases, NOTIFY district office prior to any cementing.  Remember to:
3. The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet int  4. If the well is dry hole, an agreement between the operator and the 5. The appropriate district office will be notified before well is either personant of the first office will be notified before well is either personant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be completed.  Ibmitted Electronically  For KCC Use ONLY  API # 15	to the underlying formation. e district office on plug length and placement is necessary prior to plugging; clugged or production casing is cemented in; cented from below any usable water to surface within 120 DAYS of spud date. er #133,891-C, which applies to the KCC District 3 area, alternate II cementing all be plugged. In all cases, NOTIFY district office prior to any cementing.  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;
3. The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet int  4. If the well is dry hole, an agreement between the operator and the 5. The appropriate district office will be notified before well is either personant of the first office will be notified before well is either personant of the first office will be notified before well is either personant of the first office will be notified before well is either personant of the first office will be notified before well is either personant of the first office will be notified before well is either personant of the first office will be notified before well is either personant of the first office will be notified before well is either personant office will be notified before well is either personant of the first office will be notified before well is either personant office will be notified befor	to the underlying formation. e district office on plug length and placement is necessary prior to plugging; clugged or production casing is cemented in; eented from below any usable water to surface within 120 DAYS of spud date. er #133,891-C, which applies to the KCC District 3 area, alternate II cementing all be plugged. In all cases, NOTIFY district office prior to any cementing.  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;
3. The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet int  4. If the well is dry hole, an agreement between the operator and the 5. The appropriate district office will be notified before well is either personant of the first office will be notified before well is either personant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be completed.  Identitied Electronically  For KCC Use ONLY  API # 15	to the underlying formation.  district office on plug length and placement is necessary prior to plugging; blugged or production casing is cemented in; lented from below any usable water to surface within 120 DAYS of spud date.  er #133,891-C, which applies to the KCC District 3 area, alternate II cementing lall be plugged. In all cases, NOTIFY district office prior to any cementing.  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;
3. The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet interpretation. If the well is dry hole, an agreement between the operator and the 5. The appropriate district office will be notified before well is either p. 6. If an ALTERNATE II COMPLETION, production pipe shall be ceme. Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be completed.  **Description**  **Descriptio	to the underlying formation.  district office on plug length and placement is necessary prior to plugging; blugged or production casing is cemented in; ented from below any usable water to surface within 120 DAYS of spud date. er #133,891-C, which applies to the KCC District 3 area, alternate II cementing all be plugged. In all cases, NOTIFY district office prior to any cementing.  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);
3. The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet interpretation. If the well is dry hole, an agreement between the operator and the 5. The appropriate district office will be notified before well is either precision. If an ALTERNATE II COMPLETION, production pipe shall be cemed or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be completed.  **The appropriate district office will be notified before well is either propriate to approve the spud date or the spud be cemed to approve the spud date or the well shall be completed.  **The appropriate district office will be notified before well is either propriate to approve date or propriate date of the spud date or the well shall be completed.  **The appropriate district office will be notified before well is either propriate date or propriate date or propriate date or propriate date or the well shall be completed.  **The appropriate district office will be notified before well is either propriate date or	to the underlying formation.  district office on plug length and placement is necessary prior to plugging; blugged or production casing is cemented in; ented from below any usable water to surface within 120 DAYS of spud date. er #133,891-C, which applies to the KCC District 3 area, alternate II cementing all be plugged. In all cases, NOTIFY district office prior to any cementing.  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;

\_ Agent: .

Side Two



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: County:
Lease:									feet from N / S Line of Section
Well Numb									feet from E / W Line of Section
Field:							_ 3e	U	IWP S. R [_] E [_] W
Number of QTR/QTR/							— ls :	Section:	Regular or Irregular
							If S	Section is	Irregular, locate well from nearest corner boundary.
							Se	ction corne	er used: NE NW SE SW
							PLAT		
					_				dary line. Show the predicted locations of
	iease roa	ias, tank b	aπeries, p	ipeiines an			requirea b a separate		as Surface Owner Notice Act (House Bill 2032).
					100 11	ay allaoir i	а ворагато	piat ii acci	nou.
		:	:	:		:	:	: :	
		:		:		:		:	LEGEND
		:	:	:		:	:	•	LEGEND
					•••••		:		O Well Location
		:	:			:	:	:	Tank Battery Location
		:	:	:		:	:	•	Pipeline Location
					•••••				
		:	:	:		:	:	:	Electric Line Location
		:	:				:	:	Lease Road Location
			• • • • • • • • •		•••••		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
		:	:	:		:	:	: :	
		:		:	l	:		: :	EXAMPLE : :
		•	<u>.                                      </u>	•		•	<u>.                                      </u>	•	
		:	:	1	3	:	:		: : : : : : : : : : : : : : : : : : : :
		:	:	:		:	:		
		:	:	:		:	:		
		:	:	:		:	:		
			•						1980' FSL
		:	:	:		:	:		Y-1
1500 ft		:	<u>:</u>	:		:	:		
. 505 16			·				:		
		:	:	:		:	:	:	
		:	:	:		:	:		:;
		:	:	:		:	:		SEWARD CO. 3390' FEL

#### In plotting the proposed locations 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.

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



## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1044100

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:	Pit is:					
Emergency Pit Burn Pit	Proposed	Existing	SecTwp R			
Settling Pit Drilling Pit	If Existing, date co	nstructed:	Feet from North / South Line of Section			
Workover Pit Haul-Off Pit	Pit capacity:		Feet from East / West Line of Section			
(If WP Supply API No. or Year Drilled)		(bbls)	County			
Is the pit located in a Sensitive Ground Water A	rea? Yes	No	Chloride concentration: mg/l			
To the processing in a content of country training			(For Emergency Pits and Settling Pits only)			
Is the bottom below ground level?  Yes No	Artificial Liner?  Yes  N	No	How is the pit lined if a plastic liner is not used?			
			NAC data (for a)			
Pit dimensions (all but working pits):	Length (feet)	,	Width (feet) N/A: Steel Pits No Pit			
If the pit is lined give a brief description of the li			dures for periodic maintenance and determining			
material, thickness and installation procedure.			cluding any special monitoring.			
Distance to nearest water well within one-mile	of pit:	Depth to shallo Source of inforr	west fresh water feet. nation:			
feet Depth of water well	feet	measured well owner electric log KDWR				
Emergency, Settling and Burn Pits ONLY:		Drilling, Workover and Haul-Off Pits ONLY:				
Producing Formation:		Type of material utilized in drilling/workover:				
Number of producing wells on lease:		Number of worl	Number of working pits to be utilized:			
Barrels of fluid produced daily:		Abandonment p	procedure:			
Does the slope from the tank battery allow all s flow into the pit? Yes No	pilled fluids to	Drill nite must h	e closed within 365 days of spud date.			
Submitted Electronically						
	KCC	OFFICE USE O	NLY			
			Liner Steel Pit RFAC RFAS			
Date Received: Permit Num	ber:	Permi	t Date: Lease Inspection: Yes No			



#### Kansas Corporation Commission Oil & Gas Conservation Division

1044100

Form KSONA-1
July 2010
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 (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:	If filing a Form T-1 for multiple wells on a lease, enter the legal description of
Contact Person:	the lease below:
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, tank	dic Protection Borehole Intent), you must supply the surface owners and a batteries, pipelines, and electrical lines. The locations shown on the plat in the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.
☐ I certify that, pursuant to the Kansas Surface Owner Notice A owner(s) of the land upon which the subject well is or will be to CP-1 that I am filing in connection with this form; 2) if the form to form; and 3) my operator name, address, phone number, fax, at ☐ I have not provided this information to the surface owner(s). I at KCC will be required to send this information to the surface owner(s).	cknowledge that, because I have not provided this information, the vner(s). To mitigate the additional cost of the KCC performing this
task, I acknowledge that I am being charged a \$30.00 handling  If choosing the second option, submit payment of the \$30.00 handling form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-	fee with this form. If the fee is not received with this form, the KSONA-1
Submitted Electronically	

For KCC Use ONLY
API # 15

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

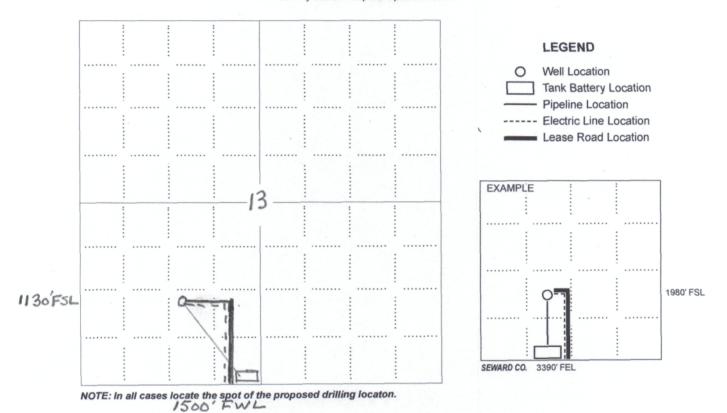
In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator: Mai Oil Operations, Inc.	Location of Well: County: Saline
Lease: Carlin-Commerford Unit	
Well Number: 1	feet from E / X W Line of Section
Field: Mentor	Sec. 13 Twp. 15 S. R. 3
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).
- 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.

# OIL AND GAS LEASE

A	REAL Made and enterer	Mile the service ?	24 <sup>th</sup>	day of	Septemb	per	. 2008
	Causage Claren	20 1	1-1-1260		din Trusta	•	
by and between	John La Carlin Rev	12	dated 3-6-9	//, John E. Ca	nn, Truște		
	an eller o de lament l'ading any madeur	t with the second state of					
whose mailing a	ddress is Box 32, Mar	hattan, KS	56502				hereinafter called Lessor (whether one or more),
and Mast	Drilling, Inc.						
					1		hereinafter called Lessee:
of which is here investigating, ex- products, injecting produce, save, to	scknowledged and of the royalt ploring by geophysical and othing gas, water, other fluids, and a like care of, treat, manufacture,	er means, prospe- ir into subsurface process, store an	and of the agree cting drilling, m strata, laying pir d transport said	ining and operating be lines, storing oil, oil, liquid hydrocau	building tanks, bons, gases and	ong oil, liquid hy power stations, tel I their respective	Dollars (\$1.00) in fand paid, receipt eases and lets exclusively unto lessee for the purpose of ordrocarbons, all gases, and their respective constituent ephone lines, and other structures and things thereon to constituent products and other products manufactured
	ousing and otherwise caring for	its employees, the	tollowing descri		ith any reverse	meany rights and at	te-seduned meion;
therein situated	in County of Saline		State of	Kansas			described as follows to wit:
	of the Southwest Quar from the SE corner.	ter (S/2SW/4	), less 10 ac	cres centered a	round the	existing well	bore located 990' North,
	13 Township	155	Range	3 W and	containing	70.00	Acres, more or less, and all accretions thereto.
In Section					4		od "primary term"), and as long thereafter as oil, liquid
hydrocarbons, ga	pect to the provisions herein co as or other respective constituen onsideration of the premises the	products, or any	of them, is produ	nced from said land	or land with whi	om this date (calle ch said land is poo	od "primary term" ), and as long thereafter as oil, ilquid oled.
1#.	To deliver to the credit of lesso			which lessee may con	meet wells on s	aid land, the equal	one-eighth (%) part of all oil produced and saved from
the leased premis		one waters or bi	nd produced and	leold or used off th	e premises of I	sed in the manufi	acture of any products therefrom, one-eighth (1/4), at the
market price at the manufacture of p	he well, (but, as to gas sold by laroducts, said payments to be m	ade monthly. Who	more than one-ei	ighth (%) of the pro-	eeds received b ly is not sold or	y lessee from such used, lessee may	hales), for the gas sold, used off the premises, or in the pay or tender as royalty One Dollar (\$1.00) per year per aning of the preceding paragraph.
lease or any exte	ension thereof, the lessee shall	have the right to d	trill such well to	completion with re	asonable diliger	ace and dispatch,	shall commence to drill a well within the term of this and if oil or gas, or either of them, be found in paying
	ase shall continue and be in for aid lessor owns a less interest is						the royalties herein provided for shall be paid the said
lessor only in the	proportion which lessor's inter	est bears to the wi	nole and undivide	ed fee.			
	see shall have the right to use, b on requested by lessor, lessee sh				lessee's operat	ion thereon, excep	of water from the wells of lessor.
	well shall be drilled nearer than				hout written con	nacmt of lessor.	*
	see shall pay for damages cause						
	see shall have the right at any ti						
administrators, s a written transfe	uccessors or assigns, but no cha	nge in the owners thereof. In case le	hip of the land or	assignment of rent	als or royalties s	hall be binding or	covenants hereof shall extend to their heirs, executors, the lessee until after the lessee has been furnished with of all obligations with respect to the assigned portion or
Les	see may at any time execute at	d deliver to lesso			ring any portio	n or portions of th	he above described premises and thereby succender this
All		f this lease shall	be subject to all	Federal and State I			Regulations, and this lease shall not be terminated, in
							result of, any such Law, Order, Rule or Regulation.  right at any time to redeem for lessor, by payment any
mortgages, taxes themselves and	or other liens on the above des	cribed lands, in thi gns, hereby surre	e event of defaul nder and release	it of payment by less all right of dower	or, and be sube	ogated to the right	ts of the holder thereof, and the undersigned lessors, for described herein, in so far as said right of dower and
							portion thereof with other land, lease or leases in the
gas or other min- in the event of a which the land h payment of roya lesse, whether the	erals in and under and that may n oil well, or into a units or unit erein leased is situated an instru lities on production from the po ne well or wells be located on the in portion of the royalty stipulate	be produced from a not exceeding 64 ment identifying a cled unit, as if it he premises cover	said premises, so to acres each in the and describing the were included in the by this lease	uch pooling to be of the event of a gas we be pooled acreage. To this lease. If produ or not. In lieu of the	tracts contiguously. Lessee shall he entire acreag action is found he royalties else	is to one another a l execute in writing se so pooled into a on the pooled acro where herein spec	lease premises so as to promote the conservation of oil, und to be into a unit or units not exceeding 40 acres each ag and record in the conveyance records of the county in a tract or unit shall be treated, for all purposes except the eage, it shall be traded as if production is had from this cified, lessor shall receive on production from a unit so an acreage basis bears to the total acreage so pooled in
'IN Witnesses:	WITNESS WHEREOF, the und	ersigned execute t	his agreement as	of the day and year	first above writ	ten.	
JOHN E. C.	ARLIN REVOCABLE	TRUST					
	16 6100		200		-		
John E. Car	In Trustee	Town	Xe			-	
SS#X	, 214500						
00127							k: 1183 Page: 663
					D	Pages Record	nded: 3 CN Recording Fee: \$16, Ravecon. Sheema

2008-05-31 02:41

Page 12/15

# Book: 1183 Page: 664

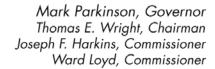
ALUXII LUC X	1 100		_		N INDIVIDUAL (	120100110)
OUNTY OF the foregoing instrument was John E. Carlin as Trustee of	s acknowledged before the John E. Carli	fore me this <u>19</u> on Revocable Trust.	lay of X Se	pt_		2008
y commission expires	July 29.	2010	A)	y Cour	Numos	4
	0.0		· Notury Fu		MARY LA NOTAL STATE LA MY APRI EXE	OU GRIMES RY PUBLIC OF KANBAS
TATE OF		AC	KNOWLEDGM	ENT FOR A	N INDIVIDUAL (	The Personal Property of the Party of the Pa
OUNTY OF						<i></i>
<i>y</i>						
fy commission expires			Notary Pu	iblic ·	· · · · · ·	
TATE OF			KNOWLEDOM	ENT FOR A	N INDIVIDUAL (	(KsOkCoNe)
OUNTY OF the foregoing instrument was	s acknowledged be	fore me this	lay of			
			•			
fy commission expires			Notary Pu	iblic		
TATE OF		AC	KNOWLEDGM	ENT FOR A	N INDIVIDUAL (	(KsOkCoNo)
OUNTY OF			iay of			
ly commission expires			Notary Pu	iblic		
	j 4 [	1	+ 1			1 .
	1 1 1	1 1 1 1	1 1 1			
SE					orded	
ASE					dy recorded	
LEASE		Rge.		on the	and duly recorded	
AS LEASE		Rge.		record on the	M, and duly recorded of	
GAS LEASE		RgeTermCounty		ed for record on the	M., and	
ND GAS LEASE		Count		ras filed for record on the	M., and	otum io
AND GAS LEASE		Twp.		nent was filed for record on the	M., and	Deeds ded, return to
OIL AND GAS LEASE	ТО	Count	STATE OF	County This instrument was filed for record on the	o'clock M., and Page rds of this office.	Register of Deeds By When recorded, return to
OIL AND GAS LEASE	TO	Twp.		County This instrument was filed for record on the	ook Page records of this office.	Register of Deeds  By  When recorded, return to
OIL AND GAS LEASE	То	Twp.		County This instrument was filed for record on the day of	o'clock M., and Page rds of this office.	Register of Deeds  By  When recorded, return to
OIL AND	То	Date Section Twp. No. of Acres Coun	STATE OF		at o'clock M, and in Book Page  The records of this office.	
OIL AND GAS LEASE PROM PROBLEM OF THE		Date Section Twp.	STATE OF	ENT FOR C	at o'clock M, and in Book Page The records of this office.	

# OIL AND GAS LEASE

AGREEMENT, Made and entered into the 7 <sup>th</sup>	ay of October	2008
by and between Donald C. Commerford and Catherine B. Commer	ford, husband and wife	
whose mailing address is 2829 E. Ray Ave., Salina, K\$ 67402		hereinafter called Lessor (whether one or more),
and Mast Drilling, Inc.		
		hereinafter called Lessee:
Lessor, in consideration ofOne and O.V.C.		Dollars (\$1.00 ) in hand paid, receipt
of which is here acknowledged and of the royalties begein provide and of the agreements of investigating, exploring by geophysical and other means, prospecting drilling, muning and products, injecting ags, water, other fluids, and air into subsurface strata, laying pipe lines, st produce, save, take care of, treat, manufacture, process, store and transport said oil, liquid therefrom, and housing and otherwise caring for its employees, the following described land,	operating for and producing oil, liqui- oring oil, building tanks, power stations hydrocarbons, gases and their respect	ts, leases and lets exclusively unto lesses for the purpose of d hydrocarbons, all gases, and their respective constituent is, telephone lines, and other structures and things thereon to tive constituent products and other products manufactured
therein situated in County of Saline State of Kar	nsas	described as follows to wit:
Northwest Quarter (NW/4), North Half of the Southwest Quarter	(N/2SW/4)	
In Section13, Township15 SRange3 W	and containing 240.00	Acres, more or less, and all accretions thereto.
Subject to the provisions herein contained, this lease shall remain in force for a		
payment of \$ 10.00 per year per acre, and as long thereafter as oil, liquid hydrocarbons, gas which said land is pooled.	or other respective constituent product	ts, or any of them, is produced from said land or land with
In consideration of the premises the said lessee covenants and agrees:		
$l^{\pi}.$ To deliver to the credit of lessor, free of cost, in the pipe line to which lesse the leased premises.	may connect wells on said land, the ea	qual one-eighth (%) part of all oil produced and saved from
2 <sup>nd</sup> . To pay lessor for gas of whatsoever nature or kind produced and sold, or u market price at the well, (but, as to gas sold by lessee, in no event more than one-eighth (14) o manufacture of products, said payments to be made monthly. Where gas from a well product	f the proceeds received by lessee from ; ng gas only is not sold or used, lessee m	such sales), for the gas sold, used off the premises, or in the
net mineral acre retained hereunder, and if such payment or tender is made it will be consider		
This lease may be maintained during the primary term hereof without further p lease or any extension thereof, the lessee shall have the right to drill such well to completic quantities, this lease shall continue and be in force with like effect as if such well had been co	n with reasonable diligence and dispate appleted within the term of years first m	ch, and if oil or gas, or either of them, be found in paying entioned.
If said lessor owns a loss interest in the above described land than the entire an lessor only in the proportion which lessor's interest bears to the whole and undivided fee.	d undivided fee simple estate therein, t	hen the royalties herein provided for shall be paid the said
Lessee shall have the right to use, free of cost, gaz, oil and water produced on set	land for lesser's operation thereon, an	cept water from the wells of lesser.
When requested by lessor, lessee shall bury lessee's pipe lines below plow depth		
No well shall be drilled nearer than 200 feet to the house or barn now on said pre		
Lessee shall pay for damages caused by lessee's operations to growing crops on		
Lessee shall have the right at any time to remove all machinery and fixtures place		
If the estate of either party hereto is assigned, and the privilege of assigning in administrators, successors or assigns, but no change in the ownership of the land or assignment a written transfer or assignment or a true copy thereof. In case lessee assigns this lease, in portions arising subsequent to the date of assignment.	at of rentals or royalties shall be binding	on the lessee until after the lessee has been furnished with
Lessee may at any time execute and deliver to lessor or place of record or rele lease as to such portion or portions and be relieved of all obligations as to the acreage surrend		of the above described premises and thereby surrender this
All express or implied covenants of this lease shall be subject to all Federal at whole or in part, nor lessee held liable in damages, for failure to comply therewith, if complia		
Lessor hereby warrants and agrees to defend the title to the londs herein describ- mortgages, taxes or other liens on the above described lands, in the event of default of payme the survey of the liens, successors and assigns, hereby surrender and release all right homestead may in any way affect the purposes for which this lesse is made, as recited herein.	nt by lessor, and be subrogated to the ri	ights of the holder thereof, and the undersigned lessors, for
Lessee, at its option, is hereby given the right and power to pool or combine	the acreage covered by this lease or a	my portion thereof with other land, lease or leases in the
immediate vicinity thereof, when n lessee's judgment it is necessary or advisable to do so in gas or other minerals in and under and that may be produced from said premises, such pooling in the event of an oil well, or into a units or units not exceeding 640 acres each in the event or which the land herein lessed is situated an instrument identifying and describing the pooled at payment of royalties on production from the pooled unit, as if it were included in this lease, lease, whether the well or wells be located on the premises covered by this lease or not. In pooled only such portion of the royalty stipulated herein as the amount of his acreage place is the particular unit involved.	to be of tracts contiguous to one anoth a gas well. Lessee shall execute in wr scage. The entire acreage so pooled in If production is found on the pooled a lieu of the coyaltics olsowhere herein s	er and to be into a unit or units not acceeding 40 acres each iting and record in the conveyance records of the county in to a treet or unit shall be treated, for all purposes except the acreage, it shall be traded as if production is had from this peotified, lessor shall receive on production from a unit so
	Beceint	OF REBECCA SEEMAN OF DEED'S SALINE COUNTY KANSAS OOK: 1183 Page: 689 1: 52608 Recording Fee: \$16.0 Reverse & Basing
	A State of the Sta	rded: 12/4/2008 2:57:03 PM
IN WITNESS WHEREOF, the undersigned execute this agreement as of the day Witnesses:		Tues. 12/7/2008 2:3/:03 PT
Donald C. Commerford	Catherine B. Commer	B. Commercial
5.5.#x 5/6-44-2374	5.S.# x = 27-3-0	68-85-48
		0 00 10

Book: 1183 Page: 670

STATE OF KANSAS COUNTY OF X SAL	he	-	EDGMENT FOR AN IN		,
The foregoing instrument was ack by Donald C. Commerford and Co	nowledged before the unis A	day of z	Movent	er_	, 2008
My commission expires	2-21-09	Moi	ary Public		JODI L. FEIST NOTARY PUBLIC STATE OF KANSAS
STATE OF		ACKNOWLE	EDGMENT FOR AN IN	NDIVIDUAL (Ks	
The foregoing instrument was ack					,
My commission expires		Not	tary Public		
STATE OF					
COUNTY OF	mowledged before me this	day of	EDGMENT FOR AN II		
My commission expires			tary Public	-	
STATE OF					
STATE OF  COUNTY OF The foregoing instrument was ack by	nowledged before me this_	ACKNOWLI day of	EDGMENT FOR AN IN	NDIVIDUAL (Ks	OkCoNe)
My commission expires		Not	tary Public		
OIL AND GAS LEASE PROM	Date Twp. Ree.	Acres Term County	County  This instrument was filed for record on the day of the octood of the day of the	Book Page	Register of Deeds  By  When recorded, return to
STATE OF		ACKNOWLE	EDGMENT FOR CORP	ORATION (KsO	kCoNe)
The foregoing instrument was ack By Of Corporation, on behalf of the corp		day of			





September 13, 2010

Allen Bangert Mai Oil Operations, Inc. 8411 PRESTON RD STE 800 DALLAS, TX 75225-5520

Re: Drilling Pit Application Carlin-Commerford Unit 1 SW/4 Sec.13-15S-03W Saline County, Kansas

#### Dear Allen Bangert:

District staff has inspected the above referenced location and has determined that an unsealed condition will present a pollution threat to water resources.

District staff has recommended that the reserve pit be lined with bentonite or native clay, constructed <u>without slots</u>, the bottom shall be flat and reasonably level and the free fluids must be removed. The fluids should be removed within 7 days of completion of drilling operations.

If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.

The fluids should be taken to an authorized disposal well. Please call the District Office at (316) 630-4000 when the fluids have been removed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, through KOLAR within 30 days of fluid removal.

A copy of this letter should be posted in the doghouse along with the approved Intent to **Drill**. If you have any questions or concerns please feel free to contact the District Office at (316) 630-4000.