

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

Form KSONA-1 Continuation of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this for

OPERATOR License# 9313	Form KS	ONA-1, Certification of Cor 9/29/2010	npliance with the Kansas	Surface Owner Notification Act, MUST be submitted with Spot Description:	this form.
OPERATOR Licensual Name D. Licensual Name Medium D. Licensual Name D. Licensual Name D. Licensual Name Medium Licensual Name Medium Name Medium Name Medium Name Medium Name Medium Name Medium Name Name Name Name Medium Name	Expected Spud Date:	month day	year	-NE NE SE NW Sec 18 Two 30	S. R. 22 X E W
Same State Same Discount Same	OPERATOR: License#	9313 /		(0/0/0/0) 3,795 feet from	N / X S Line of Section
Monte Locate well on the Section Plat on reverse sides				<u></u>	E / W Line of Section
Courty Commission Contract Pressor. James D. Lorenz Phone 828429-9389 CONTRACTOR. Licenself 9831 Mell Drilled For: Well Class Well Brance. Seateruc: # of Holes Other Gas Storage Disposal Disposal Drilled For: Well Class Drilled For: Well Well Research Drilled For: Well Information as follows: Coefficient Drilled For: Well Well Research Drilled For: Well Information as follows: Coefficient Drilled For: Well Research Drilled For: Well Information as follows: Coefficient Drilled For: Well Research Drilled For: Well Information as follows: Coefficient Drilled For: Well Research Drilled For: Well Information as follows: Coefficient Drilled For: Well Research Drilled For: Well Information as follows: Coefficient Drilled For: Well Research Drilled For: Well Resea		load	<u>. </u>	Is SECTION: X Regular Irregular?	
Contact Person. James D. Lorenz Phone : 2042-9390 CONTRACTOR. Lorensef : 5931 Contractor. Lorensef :					reverse side)
Contact Person. James 1980	City: Cherryvale		<u> 67335-</u> + <u>8515</u>	County: Crawford	
Field Mame. MCCane Field Mame. MCCane Well Class Well Class Type Equipment. Well Diffied For. Well Class Seasmic	Contact Person: James D). Lorenz		Lease Name: Amershek	Well #: <u>3</u>
Marte Mote Drillog	Phone: 620-423-9360			Field Name: McCune	
Motest Drilled For Well Class Type Equipment Mode Drilled For Well Class Type Equipment Mode Drilled For Well Class Type Equipment Mode Drilled For Mode Drilled F	CONTRACTOR: Licenset	_‡ 5831		Is this a Prorated / Spaced Field?	☐Yes XNo
Ground Surface Elevation. Self Estimated Seet MSL Springer Storinger Storing	Name: Mokat Drilling, Inc.			Target Formation(s): Bartlesville	
Ground Surface Elevation. 906 Estimated Seet MSL Sprage Signage Signag	Moll Drillod For:	Woll Class	Type Fauloment:	Nearest Lease or unit boundary line (in footage): 165	; /
Seamin Storage Shoop and Storage Shoop and Storage Shoop and S				Ground Surface Elevation: 906 Estimated -	
Seismic		····			Yes XNo
Depth to bottom of fesh water. 50' Depth to bottom of fesh water. 50' Depth to bottom of usable water. 50' Depth to water. 50' Dept				Public water supply well within one mile:	☐Yes X No
Depth to bottom of usable water: 100 Surface Pipe by Alternate 100 Surface Pipe Plannet to be set 20' Surface Pipe by Alternate 100 Surface Pipe Plannet to be set 20' Surface Pipe by Alternate 100 Surface Pipe Plannet to be set 20' Surface Pipe by Alternate 100 Surface Pipe Plannet to be set 20' Surface Pipe By Alternate 100 Surface Pipe Plannet to be set 20' Surface Pipe Plannet to be set 20' Surface Pipe By Alternate 100 Surface Pipe Plannet to be set 20' Surface Pipe By Alternate 100 Surface Pipe Plannet to be set 20' Surface Pipe By Alternate 100 Surface Pipe Plannet to be set 20' Surface Pipe By Alternate 100 Surface Pipe Plannet to be set 20' Surface Pipe By Alternate 100 Surface Pipe Plannet to be set 20' Surface Pipe By Alternate 100 Surface Pipe Plannet to be set 20' Surface Pipe By Alternate 100 Surface Pipe Plannet to be set 20' Surface Pipe Plannet to By Alternate 20' Surface Pipe Plannet to By Alternate 20' Surface Pipe Plannet to Pipe Plannet 20' Surface Pipe Plannet	`		Cable	Depth to bottom of fresh water: _50'	
Surface Pipe by Alternate:	J	of Hotes Durier			
Comparator:	L_Outer			Surface Dine by Alternate:	
Operator: Well Name: Original Completion Date: Original Control Pote Ind. Original Control Pote Ind. Original Control Date: Original Control Date: Original Control Date: Original	If OWWO: old wel	If information as follows:		Length of Surface Pipe Planned to be set: 20'	
Nell Name: Original Completion Date: Original Total Depth: Directional, Deviated or Horizontal Medical Pepth Bottom Hote Location: KCC DKT #. SEP 7 3 2010 KCC WICHIT/ The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq. If 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 comented from below any usable water to surface within 120 DAYs of spud date. Or pursuant to Appendix "F" - 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. For KCC Use ONLY API #15 - 0.37 - 22 21 - 00-00 Conductor pipe required Money feet Mill Cores be taken? Will Cores be taken? Notify appropriate district office prior with DWR Yes Notice prior to pursuant or Appendix of the prior to any cementing.	0			Length of Conductor Pipe (if any): n/a	
Original Completion Date Original Total Depth: Service Servic	*			Projected Total Depth: 350'	
Water Source for Orilling Operations: Water Source for Orilling Operations: Water Apply for Permit with DWR			Total Depth:	Formation at Total Depth: Bartlesville	
If yes, the vertical depth: SEP 2 3 2010 Well Farm Fond Other: DWR Permit ## DWR Permit ## DWR Permit ## DWR Permit ##			,		
SEP 2 3 2010 Will Cores be taken? If Yes, proposed zone: If Yes	Directional, Deviated or H	orizontal wellpered - 1	Yes ⊠No		
Note: Apply for Permit with DWR Yes Note: Apply for Permit Note: Ap	If Yes, true vertical depth:	RECEIVEL)		
KCC WICHITA 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. I hereby certify that the statements made herein are true and to the best of my knowledge and belief. Poate: 9/21/10 Signature of Operator or Agent: For KCC Use ONLY API # 15 - 0.3.7 - 2.2.1.2.1 - 0.0.00 Feet Minimum surface pipe required Approved by With 9 - 2.4.2.00 Feet Minimum surface pipe required Approved by 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	Bottom Hole Location:	OFR A A AA			RP /
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 it 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 it 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. I hereby certify that the statements made herein are true and to the best of my knowledge and belief. Date: 9/21/10 Signature of Operator or Agent: For KCC Use ONLY API # 15 - O 37 - 22121 - OO OO feet production pipe required	KCC DKT #:	SEP 2 3 20	10		/
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For KCC Use ONLY API # 15 - 037 - 22121-00-00 Conductor pipe required None feet Minimum surface pipe required 20 feet per ALT.	 A copy of the appi The minimum amount through all uncons If the well is dry his The appropriate do If an ALTERNATE Or pursuant to Apmust be complete 	roved notice of intent to drount of surface pipe as sponsolidated materials plus a sole, an agreement betwee district office will be notified at ICOMPLETION, product pendix "B" - Eastern Kansed within 30 days of the sponsolidate in the sponsolida	ill shall be posted on each ecified below shall be set minimum of 20 feet into the name of the operator and the dist before well is either plugition pipe shall be cementer as surface casing order # and date or the well shall be	t by circulating cement to the top; in all cases surface pigene underlying formation. Strict office on plug length and placement is necessary paged or production casing is cemented in; ed from below any usable water to surface within 120 Date: 133,891-C, which applies to the KCC District 3 area, alto e plugged. In all cases, NOTIFY district office prior to	orior to plugging; AYS of spud date. ernate II cementing
For KCC Use ONLY API # 15	I hereby certify that the	statements made herein a	re true and to the best of	my knowledge and belief.	
For KCC Use ONLY API # 15 - 037 - 22121-00-00 Conductor pipe required	Date: 9/21/10	Signature of Opera	itor or Agent:	len S. Soure Title: Agent	1
API # 15 - 037 - 22121 - 00-00 Conductor pipe required			<i>U</i>	Remember to:	
Conductor pipe required		- 22121-170-	<u> </u>	•	ace Owner Notification
Conductor pipe required	API # 15 - U3 /		<u> </u>		-
Minimum surface pipe required	Conductor pipe required	None	feet		
Approved by: Limit 9-34-2010 This authorization expires: 9-24-2011 (This authorization void if drilling not started within 12 months of approval date.) Spud date: Agent: Agent: 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. Well will not be drilled or Permit Expired Date: Signature of Operator or Agent:	1	` ^_	_ feet per ALT.		
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(This authorization void if drilling not started within 12 months of approval date.) Spud date: Agent: Well will not be drilled or permit Expired Date: Well will not be drilled or Permit Expired Date: Signature of Operator or Agent:	1	0-116-2011	,		
Spud date:Agent:		00			salt water.
Spud date: Agent: Well will not be drilled or Permit Expired Date: Signature of Operator or Agent:	(i nis authorization void if	urming not started within 12 ft	ionina di approvaruate.)	• • • • • • • • • • • • • • • • • • • •	thorized expiration date)
Well will not be drilled or Permit Expired Date: Signature of Operator or Agent:	O-1.14 Al-4-1	A-a-i.		, and the second se	s below.
Signature of Operator or Agent:	Spud date:	Agent:		Well will not be drilled or Permit Expired Da	te:
	Maril to	o: KCC - Conservation F	ivision		

For KCC Use ONLY
API # 15 - 037-22121-00-00

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.

	James D. Lorenz mershek			3,795	County: Crawford feet from		of Section
Well Num				3,135	feet from	X E / W Line	of Section
Field: Mc	Cune			Sec. 187	S. R. 22	<u> </u>	j w
	of Acres attributable		SE - NW	Is Section:	Regular or Irregu	lar	
	R/QTR/QTR of acre	NW - NE	<u></u>	If Section is Irre	gular, locate well from	nearest corner bour	idary.
RECE	EIVED			Section corner us		SESW	
SEP 2	2 3 2010			•			
100 11	lease roads, tani	ation of the well. Show foot k batteries, pipelines and el	ectrical lines, as i	equired by the Kansas S separate plat if desired.	Surface Owner Notice A	d locations of ct (House Bill 2032).	
					LE	GEND	
	:	: :	:	• •			
					O \\/o	II Location	
						Il Location	
					Tar	Il Location ik Battery Location eline Location	
		•			Tar 3795' — Pip /=s Ele	k Battery Location eline Location ctric Line Location	
		•			Tar 3795' — Pip /=s Ele	k Battery Location eline Location	
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					Tar 3795' — Pip /= S Ele	k Battery Location eline Location ctric Line Location	1980° FSL
					Tar 3795' — Pip /= S Ele	k Battery Location eline Location ctric Line Location	1980' FSL

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

3135 FEL

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: James D. Lorenz			License Number: 9313
Operator Address: 543A 22000 Roa	ad		Cherryvale KS 67335-
Contact Person: James D. Lorenz			Phone Number: 620-423-9360
Lease Name & Well No.: Amershek	3		Pit Location (QQQQ):
Type of Pit:	Pit is:		NW NE SE NW
Emergency Pit Burn Pit	X Proposed	Existing	Sec. 18 Twp. 30 R. 22 X East West
Settling Pit X Drilling Pit	If Existing, date cor	nstructed:	3,795 Feet from North / South Line of Section
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:		2,805 3135 Feet from X East / West Line of Section Crawford
	300	(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? X Yes No	Artificial Liner?	lo	How is the pit lined if a plastic liner is not used? native clay
Pit dimensions (all but working pits):2	0 Length (fee	et) 20	Width (feet) N/A: Steel Pits
, , , , , , , , , , , , , , , , , , , ,	om ground level to dea		5 (feet) No Pit
If the pit is lined give a brief description of the limater RECEIVED installation procedure. SEP 2 3 2010 KCC WICHITA		,	edures for periodic maintenance and determining including any special monitoring.
Distance to nearest water well within one-mile	of pit:	Depth to shallo Source of infor	owest fresh water feet. rmation:
feet Depth of water well	feet	measured	well owner electric log KDWR
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	over and Haul-Off Pits ONLY:
Producing Formation:		Type of materia	ial utilized in drilling/workover:
Number of producing wells on lease:		Number of wo	rking pits to be utilized:1
Barrels of fluid produced daily:		Abandonment	procedure: Air dry and cover over
Does the slope from the tank battery allow all s flow into the pit? Yes No	spilled fluids to	Drill pits must	be closed within 365 days of spud date.
I hereby certify that the above staten	nents are true and cor	rect to the best of	f my knowledge and belief.
9/21/10 Date	9	Jelen &	ignature of Applicant of Agent
	КСС	OFFICE USE C	DNLY Liner Steel Pit X RFAC RFAS
Date Received: 9-23-10 Permit Num	nber:	Perm	nit Date: 9-24-70 Lease Inspection: Yes No

Mark Parkinson, Governor Thomas E. Wright, Chairman Joseph F. Harkins, Commissioner Ward Loyd, Commissioner

September 24, 2010

James D. Lorenz 543 A 22000 Road Cherryvale, KS 67335-8515

RE: Drilling Pit Application

Amershek Lease Well No. 3 NW/4 Sec. 18-30S-22E Crawford County, Kansas

Dear Sir or Madam:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed <u>without slots</u>, the bottom shall be flat and reasonably level, and the free fluids must be removed. The fluids are to be removed from the reserve pit as soon as practical after drilling operations have ceased.

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 (620) 432-2300 when the fluids have been removed. Please file form CDP-5 (August 2004), Exploration and Production Waste Transfer, within 30 days of fluid removal. Conservation division forms are available through our office and on the KCC web site: www.kcc.state.ks.us/conservation/forms.

A copy of this letter should be posted in the doghouse along with the approved Intent to

If you have any questions or concerns please feel free to contact the undersigned at the above address.

Sincerely.

Kally Haynes

Environmental Protection and Remediation Department

cc: File

15137-22121-0000

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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.

OPERATOR: License # 9313	Well Location:
Name: James D. Lorenz	NE_SE_NW Sec. 18 Twp. 30 S. R. 22 Keas West
Address 1: 543A 22000 Road	County: Crawford
Address 2:	Lease Name: Amershek Well #: 3
City: Cherryvale State: KS Zip: 67335- + 8515	
Contact Person: James D. Lorenz	the lease below:
Phone: (620) 423-9360 Fax: ()	
Email Address: RECEIVED	<u> </u>
SEP 2 3 2010	499
Surface Owner Information:	
Name: Richard Amershek KCC WICHITA	When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface
Address 1: 670 S. 30th	 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: McCune State: KS Zip: 66753 +	
If this form is being submitted with a Form C-1 (Intent) or CB-1 (Intent)	Cathodic Protection Borehole Intent), you must supply the surface owners and s, tank batteries, pipelines, and electrical lines. The locations shown on the plat ered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.
If this form is being submitted with a Form C-1 (Intent) or CB-1 (Intent) or CB-1 (Intent) are preliminary non-binding estimates. The locations may be entended on the following: Certify that, pursuant to the Kansas Surface Owner Not owner(s) of the land upon which the subject well is or with CP-1 that I am filing in connection with this form; 2) if the form; and 3) my operator name, address, phone number,	Cathodic Protection Borehole Intent), you must supply the surface owners and s, tank batteries, pipelines, and electrical lines. The locations shown on the plat ered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted. Stice Act (House Bill 2032), I have provided the following to the surface II be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form form being filed is a Form C-1 or Form CB-1, the plat(s) required by this fax, and email address.
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