For KCC Use: Effective Date: 3-2-2011 District # 3 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

	03/03/2011	Compliance with the Kansas		
Expected Spud Date:	month da	ay year	Spot Description:	
	_	., year	SW NE NE NW Sec. 19 Twp 30 S	S. R. <u>22</u>
OFERMIOR. LIQUISE#	9313 /		4,785 feet from N	
Name: James D. Lorenz			3,135 feet from X E	/ W Line of Section
Address 1: 543A 22000 Road	<u>d</u>		fs SECTION: Regular ☐ Irregular?	
Address 2:			(Note: Locate well on the Section Plat on re	
City: Cherryvale		Zip: <u>67335</u> + <u>8515</u>	County: Crawford	verse side)
Contact Person: James D. L. Phone: 620-423-9360	orenz		Lease Name: Amershek II	Well #: 2B
Phone: 020-423-3300			Field Name: McCune	VVeii #:
OUTTING TOTAL ELGERISCH	5831		Is this a Prorated / Spaced Field?	
Name: Mokat Drilling			Target Formation(s): Bartlesville	Yes XNo
Well Drilled For:	Well Class:	Typo Favinment	Nearest Lease or unit boundary line (in footage): 165'	
		Type Equipment:	Ground Surface Elevation: 906Est	
Oil Enh Rec		Mud Rotary	Water well within one-quarter mile:	feet MSL
Gas Storage		Air Rotary	Public water supply well within one mile:	Yes X No
Disposa		Cable	Depth to bottom of fresh water: 50'	☐Yes ∑No
Other:	IOICS LOUIEI		Depth to bottom of usable water: 100	
If OWWO: old well inf	ormation as follows:		Surface Pipe by Alternate: Surface Pipe Planned to be set: 20'	
Operator:			Length of Conductor Pipe (if any): n/a	
Well Name:			Projected Total Depth; 350'	
Original Completion Date:	: Origina	al Total Deoth:	Formation at Total Depth:	
,		- Total Dopari	Water Source for Drilling Operations:	
Directional, Deviated or Horizo	ontal wellbore?	Yes No		
If Yes, true vertical depth:			Well Farm Fond Other: DWR Permit #:	
Bottom Hole Location:			(Note: Apply for Permit with DWR	
KCC DKT #:			Will Cores be taken?	Yes No
			If Yes, proposed zone:	
		AFF	FIDAVIT	
The undersigned hereby affi	rms that the drilling, c		igging of this well will comply with K.S.A. 55 et. seq.	
t is agreed that the following	j minimum requireme	nts will be met:	55 5 The same of t	
Notify the appropriate				
A copy of the approve	d notice of intent to dr	rill shall be posted on each	drillina ria:	
3. The minimum amount	of surface pipe as sp	ecified below shall be set l	by circulating cement to the ton: in all cases surface pige e	hall he set
unough an unconsong	ateu matenais pius a	minimum of 20 feet into the	underlying formation	
4. If the well is dry hole,	ared materials plus a an agreement betwee	minimum of 20 feet into the on the operator and the disti	e underlying formation. rict office on plug length and placement is necessary <i>prior</i>	
If the well is dry hole, a The appropriate district	ared materials plus a an agreement betwee ct office will be notified	minimum of 20 feet into the en the operator and the disti d before well is either plugg	e underlying formation. rict office on plug length and placement is necessary <i>prior</i> led or production casing is cemented in:	to plugging;
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4. If the well is dry hole, is 5. The appropriate district 6. If an ALTERNATE II Concerning of the completed with the state of the completed with the state of the conductor pipe required the conductor pipe required the conductor pipe required the conductor pipe required to the c	an agreement betwee an agreement betwee characteristics will be notified OMPLETION, production "B" - Eastern Kans thin 30 days of the sport of the s	minimum of 20 feet into the cent the operator and the district of before well is either pluggistion pipe shall be cemented sas surface casing order #1 and date or the well shall be are true and to the best of material or Agent:	rict office on plug length and placement is necessary prior and or production casing is cemented in; different below any usable water to surface within 120 DAYS 33,891-C, which applies to the KCC District 3 area, alternated plugged. In all cases, NOTIFY district office prior to any by knowledge and belief. Title: agent Remember to: File Certification of Compliance with the Kansas Surface Of 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 ord. Notify appropriate district office 48 hours prior to workover. Submit plugging report (CP-4) after plugging is completed. Obtain written approval before disposing or injecting salt with the lift well will not be drilled or permit has expired (See: authorized).	of spud date. te II cementing cementing. RECEIVED FEB 2 4 2011 where Karana and the control of the control o

For KCC Use ONLY
API # 15 - D3 7-22148-0000

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: James D. Lorenz	Location of Well: County: Crawford				
Lease: Amershek II	4,785 feet from N / N S Line of Section				
Well Number: 2B	3,135 feet from X E / W Line of Section				
Field: McCune	Sec. 19 Twp. 30 S. R. 22 X E W				
Number of Acres attributable to well:	Is Section: Regular or Irregular				
QTR/QTR/QTR of acreage: SW - NE - NW	To destion.				
NE	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.

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		:	: '		:	:	:	LEGEND
		:	:		:	:	:	O Well Location
		:			:	:	:	Tank Battery Location
		·········	:		:	:	:	Pipeline Location Electric Line Location
								Lease Road Location
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								1980' FSL
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								SEWARD CO. 3390' FEL
								*- -

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

FEB 2 4 2011

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

- The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, KCC WICHITA
 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.

15-037-22148-00-00

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.

Well Location: SW NW NE, NW Sec. 19 Twp, 30 S. R. 22 Sea west Address 1: 543A 22000 Road well **. 28 well **. 29 well **. 20	Select the corresponding form being filed: C-1 (Intent) CB-1	(Can route Protection Soferiole triteria)1-1 (transier)	CP-1 (Plugging Application)
Contact Person: James D. Lorenz Phone: (620	OPERATOR: License # 9313	Well Location:	
Contact Person: James D. Lorenz Phone: (620 423-9360 Fax: (Name: James D. Lorenz	SW NW NE NW Sec. 19 Twp. 30	S. R. 22 XEas West
Contact Person: James D. Lorenz Phone: (620 423-9360 Fax: (Address 1: 543A 22000 Road	County: Crawford	
Contact Person: James D. Lorenz Phone: (620 423-9360 Fax: (Address 2:	Lease Name: Amershek II	Well #: 2B
Contact Person: James D. Lorenz Phone: (620 423-9360 Fax: (City: Cherryvale State: KS Zip: 67335 + 8515	If filing a Form T-1 for multiple wells on a leas	
Phone: { 620 } 423-9360 Fax: (Contact Person: James D. Lorenz	the lease below:	
Surface Owner Information: Name: Richard Amershek Address 1: 668 W. Highway 216 Address 2: City: McCune State: KS 7ip: 66753 . If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted Select one of the following: I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that 1 am fling in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address. I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I am being charged a \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-inform and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned. RECEIVED Title: 221/11 Signature of Operator or Agent.	Phone: (620) 423-9360 Fax: ()		
Name: Richard Amershek Address 1: 668 W. Highway 216 Mocune State: KS Zip: 66753 + If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owner and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filling in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address. I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned. RECEIVED Title: agent	Email Address: Inswellservice@Gmail.com		
City: McCune State: KS Zip: 66753 * If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted Select one of the following: 1 certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filling in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.	Surface Owner Information: Name: Richard Amershek Address 1: 668 W. Highway 216	sheet listing all of the information to the left for	or each surface owner. Surface
City: McCune State: KS Zip: 66753 # If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted Select one of the following:	Address 2:	county, and in the real estate property tax rec	s of the register of deeds for the orders of the county treasurer.
the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted Select one of the following: certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address. I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form. If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned. RECEIVED Title: agent Title:	City: McCune State: KS Zip: 66753 +	, , ,	,
KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form. If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned. RECEIVED Thereby certify that the statements made herein are true and correct to the best of my knowledge and belief. FEB 2 4 201 Date: 2/21/11 Signature of Operator or Agent:	Select one of the following: 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 CP-1 that I am filing in connection with this form; 2) if the form	Act (House Bill 2032), I have provided the follocated: 1) a copy of the Form C-1, Form CB-being filed is a Form C-1 or Form CB-1, the p	lowing to the surface
RECEIVED I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief. FEB 2 4 201 Date: 2/21/11 Signature of Operator or Agent: Sules	KCC will be required to send this information to the surface of task, I acknowledge that I am being charged a \$30.00 handling	wner(s). To mitigate the additional cost of the g fee, payable to the KCC, which is enclosed v	KCC performing this with this form.
hereby certify that the statements made herein are true and correct to the best of my knowledge and belief. FEB 2 4 201 Date: 2/21/11 Signature of Operator or Agent: Signature or Agent: Signature or Agent: Signature or A	lf 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	g fee with this form. If the fee is not received v -1 will be returned.	vith this form, the KSONA-1
Date: 2/21/11 Signature of Operator or Agent: Selection Server Title: agent	horoby contifut bot the statement		RECEIVED
Date: 2/21/11 Signature of Operator or Agent: Sulur Sacra Title: agent			FEB 2 4 2011
	Date: 2/21/11 Signature of Operator or Agent:	W Social Title: agent	

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 II	2B		Pit Location (QQC	QQ):		
Type of Pit:	Pit is:	94 tab		_ NE NW		
Emergency Pit Burn Pit	X Proposed	Existing	Sec. 19 Twp.	30 R. 22 X	East	West
Settling Pit 🔀 Drilling Pit	If Existing, date co	instructed:	4,785 _{Fee}	et from North / X S	outh Line of	f Section
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:	<u></u>	3,135 _{Fee}	et from X East / W	lest Line of	f Section
	300	(bbls)	Crawford			County
Is the pit located in a Sensitive Ground Water A	rea? Yes 🗙	No	Chloride concentra	tion: Emergency Pits and Settlin		mg/l
Is the bottom below ground level? X Yes No	Artificial Liner?	No	How is the pit lined Native Clay	if a plastic liner is not us	ed?	
Pit dimensions (all but working pits):	20 Length (fe	et)20	Width (feet)		I/A: Steel P	'its
Depth from	m ground level to de	epest point:5	(feet)		lo Pit	
If the pit is lined give a brief description of the lir material, thickness and installation procedure.	ner	Describe proce	Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.			
Distance to nearest water well within one-mile o	f pit:	Depth to shallor Source of inforr	<u> </u>			
teet Depth of water well	feet	measured	well owner		KDV	NR
Emergency, Settling and Burn Pits ONLY:			ver and Haul-Off Pits ONLY:			
Producing Formation: Number of producing wells on lease:			al utilized in drilling/workover: 1 king pits to be utilized:			
Barrels of fluid produced daily:			Abandonment procedure: air dry and cover over			
Does the slope from the tank battery allow all sp flow into the pit? Yes No	Drill pits must be closed within 365 days of spud date.					
I hereby certify that the above statement	rect to the best of r	my knowledge and be	elief.	RECI	EIVED	
						4 2011
2/21/11 Date		Velen o	nature of Applicant of	ACIDATI L		
111111111111111111111111111111111111111	Date Signature of Applicant or Agent KCC WICHITA					
KCC OFFICE USE ONLY ☐ Liner ☐ Steel Pit ☐ RFAS						RFAS
Date Received: > - 24 - //_ Permit Number	er:	Permit	Date: 3-24-11	7-		No.

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



phone: 316-337-6200 fax: 316-337-6211 http://kcc.ks.gov/

Thomas E. Wright, Chairman Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

February 24, 2011

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

RE:

Drilling Pit Application

Amershek II Lease Well No. 2B

NW/4 Sec. 19-30S-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 immediately 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 Drill.

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

Sincerely,

Kathy Havnes

Environmental Protection and Remediation Department

cc: File