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

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

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opected Spud Date:9/29/2010	Spot Description:
month day year	SE NE SE NW Sec. 18 Twp. 30 S. R. 22 XE W
9313	(0/0/0/0) 3,465 feet from N / X S Line of Section
PERATOR: License#	2,805 feet from X E / W Line of Section
ame: James D. Lorenz	Is SECTION: Regular Irregular?
ddress 1: 543A 22000 Road	
ddress 2:	(Note: Locate well on the Section Plat on reverse side)
	County: Crawford
ontact Person: _James D. Lorenz hone:620-423-9360	Lease Name: Amershek Well #: 4
	Field Name: McCune
ONTRACTOR: License# 5831	Is this a Prorated / Spaced Field?
ame: Mokat Drilling, Inc.	Target Formation(s): Bartlesville
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage): 165;
	Ground Surface Elevation: 906 Estimated / teet MSL
XOil Enh Rec Infield Mud Rotary Gas Storage Pool Ext. X Air Rotary	Water well within one-quarter mile:
	Public water supply well within one mile: Yes No
Disposal Wildcat Cable	Depth to bottom of fresh water: _50'
Seismic; # of Holes Other	Depth to bottom of usable water:
Other:	Surface Pipe by Alternate: Surface Pipe by Alternate:
If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set: 20'
	Length of Conductor Pipe (if any): n/a
Operator:	Projected Total Depth: 350'
Well Name:	Formation at Total Depth: Bartlesville
Original Completion Date: Original Total Depth:	Water Source for Drilling Operations:
orectional. Deviated or Horizontel wellbore?	Well X Farm Pond Other:
irectional, Deviated or Horizon RECEVED Yes, true vertical depth:	
•	DWR Permit #:
Pottom Hole Location:	
Section Hole Location: SFP 2.3 2010	(Note: Apply for Permit with DWR
Settom Hole Location: SEP 2 3 2010	(Note: Apply for Permit with DWR Yes No
ксе ркт #: SEP 2 3 2010	(Note: Apply for Permit with DWR
KCC WICHITA	Will Cores be taken? Yes Yes You
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KCC WICHTA The undersigned hereby affirms that the drilling, completion and eventual pit is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each an account of surface pipe as specified below <i>shall be se</i> through all unconsolidated materials plus a minimum of 20 feet into the sequence of the well is dry hole, an agreement between the operator and the district office will be notified before well is either plug of the surface casing order the must be completed within 30 days of the spud date or the well shall be the certain to the statements made herein are true and to the best of conductor pipe required Signature of Operator or Agent: For KCC Use ONLY API # 15 - 237 - 22122 - 00 - 00 For KCC Use ONLY API # 15 - 237 - 22122 - 00 - 00 For KCC Use ONLY API # 15 - 237 - 22122 - 00 - 00 For KCC Use ONLY API # 15 - 237 - 22122 - 00 - 00 For KCC Use ONLY API # 15 - 237 - 22122 - 00 - 00 For KCC Use ONLY API # 15 - 237 - 22122 - 00 - 00 For KCC Use ONLY API # 15 - 237 - 22122 - 00 - 00 For KCC Use ONLY API # 15 - 237 - 22122 - 00 - 00 For KCC Use ONLY API # 15 - 237 - 22122 - 00 - 00 Approved by: Approved b	Will Cores be taken? If Yes, proposed zone: FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq. If Yes will comply with K.S.A. 55 et. seq. If Yes will comply with K.S.A. 55 et. seq. If Yes will comply with K.S.A. 55 et. seq. If Yes will comply with K.S.A. 55 et. seq. If Yes will comply with K.S.A. 55 et. seq. If Yes will comply the completed in the completed in the underlying formation. If Yes will yes will comply the completed in the complete of the underlying formation. If Yes will yes will complete the complete of the complete of the completion of the complete of the compl
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KCC WICHTA The undersigned hereby affirms that the drilling, completion and eventual process 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 at the minimum amount of surface pipe as specified below shall be see through all unconsolidated materials plus a minimum of 20 feet into the sea through all unconsolidated materials plus a minimum of 20 feet into the sea through all unconsolidated materials plus a minimum of 20 feet into the sea through all unconsolidated materials plus a minimum of 20 feet into the sea through all unconsolidated materials plus a minimum of 20 feet into the sea through all unconsolidated materials plus a minimum of 20 feet most shall be see through all unconsolidated materials plus a minimum of 20 feet per all to the sea through all unconsolidated materials plus a minimum of 20 feet per ALT. The sea term of the well is either plus of the spud date or the well shall be completed within 30 days of the spud date or the well shall be thereby certify that the statements made herein are true and to the best of sate: 9/21/10 Signature of Operator or Agent: For KCC Use ONLY API # 15 - 03 7 - 22 / 22 - 00 - 00 To Signature of Operator or Agent: 1 In the well is dry hole, an agreement between the operator or Agent: 1 In the well is dry hole, an agreement between the operator or Agent: 1 In the well is dry hole, an agreement between the original be cereating the set of the well is either plus of the spud date or the well shall be cereating the set of the well is either plus of the set of the well is either plus of the set of the well is either plus of the set of the well is either plus of the set of the well is either plus of the set of the well is either plus of the set of the well is either plus of the set of the well is either plus of the set of the well is either plus of the set of the well is either plus of the set of the well is	Will Cores be taken? If Yes, proposed zone: FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq. If Yes proposed zone: The drilling rig; If by circulating cement to the top; in all cases surface pipe shall be set the underlying formation. It is great or production casing is cemented in; and placement is necessary prior to plugging; and or production casing is cemented in; and placement is necessary prior to plugging; and from below any usable water to surface within 120 DAYS of spud date. It is 3,891-C, which applies to the KCC District 3 area, alternate II cementing the plugged. In all cases, NOTIFY district office prior to any cementing. If it is a case, NOTIFY district office prior to any cementing. Title: Agent Remember to: File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or re-entry; Submit plugging report (CP-4) after plugging is completed (within 60 days); Obtain written approval before disposing or injecting salt water.

For KCC Use ONLY

API # 15 - 037 - 22122-00-00

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			Location of Well: Co	
	mershek		<u> </u>	3,465	
Vell Num	ber: 4			2,805	
ield: Mo	Cune			Sec. 18 Tw	p. 30 S. R. 22 X E W
	of Acres attributable R/QTR/QTR of acrea		NE SE - NW	- Is Section: 🔀 Re	egular or 🔲 irregular
		<u> </u>			ilar, locate well from nearest corner boundary.
KE	CEIVED			Section corner used	TE NE NAAL SE SAA
SE	P 2 3 2010				
				PLAT	
KCC) WICHITAGG	tion of the well. S	Show footage to the neare:	st lease or unit boundary lii	ne. Show the predicted locations of
	lease roads, tank	batteries, pipeline		required by the Kansas Su a separate plat if desired.	rface Owner Notice Act (House Bill 2032).
			тои тау апасп а	saparate plat il desiled.	
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			- Y):		

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

CRAWFORD CO. 2805 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

License Number: 9313 Operator Name: James D. Lorenz KS 67335-Cherryvale Operator Address: 543A 22000 Road Phone Number: 620-423-9360 Contact Person: James D. Lorenz 4 Pit Location (QQQQ): Lease Name & Well No.: Amershek NE SE NW SE Pit is: Type of Pit: Sec. 18 Twp. 30 R. 22 X East West X Proposed Existing Emergency Pit Burn Pit 3,465 X Drilling Pit If Existing, date constructed: Feet from North / X South Line of Section Settling Pit 2,805 Haul-Off Pit Workover Pit Feet from X East / West Line of Section Pit capacity: (If WP Supply API No. or Year Drilled) Crawford 300 County (bbls) Chloride concentration: mg/l Is the pit located in a Sensitive Ground Water Area? Yes X No (For Emergency Pits and Settling Pits only) Artificial Liner? How is the pit lined if a plastic liner is not used? Is the bottom below ground level? native clay Yes X No X Yes No 20 20 N/A: Steel Pits Length (feet) Width (feet) Pit dimensions (all but working pits): No Pit _ (feet) Depth from ground level to deepest point: .. If the pit is lined give a brief description of the liner material, thickness are free free procedure. Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. SFP 2 3 2010 **KCC WICHITA** Depth to shallowest fresh water_ feet. Distance to nearest water well within one-mile of pit: Source of information: n/a KDWR well owner electric log measured Depth of water well _ feet **Drilling, Workover and Haul-Off Pits ONLY:** Emergency, Settling and Burn Pits ONLY: Type of material utilized in drilling/workover: Producing Formation: Number of working pits to be utilized: Number of producing wells on lease: ___ Air dry and cover over Abandonment procedure: ___ Barrels of fluid produced daily:_ Does the slope from the tank battery allow all spilled fluids to Drill pits must be closed within 365 days of spud date. flow into the pit? Yes No I hereby certify that the above statements are true and correct to the best of my knowledge and belief. 9/21/10 Date KCC OFFICE USE ONLY Liner Steel Pit RFAC RFAS Permit Date: 9-24-10 Lease Inspection: X Yes No ? - <u>المحرد</u> Permit Number: Date Received:

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. 4 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 Drill.

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

Sincerely,

Kathy Haynes

Kallythyn

Environmental Protection and Remediation Department

cc: File

15-037-22122-00-00 Kansas Corporation Commission

CANSAS 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	SE NE SE NW Sec. 18 Twp. 30 S. R. 22 X Eas West	
Name: James D. Lorenz Address 1: 543A 22000 Road	County: Crawford Lease Name: Amershek Well #: 4	
Address 2:	Lease Name: Arne) Shek Well #: 4	
City: Cherryvale State: KS Zip: 67335- + 8515	If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease holow.	
Address 2:	the lease below: 	
Email Address: RECEIVED		
Surface Owner Information: SEP 2 3 2010 Name: Richard Amershek	When filing a Form T-1 involving multiple surface owners, attach an additional	
Address 1: 670 S. 30th KCC WICHITA	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 county, and in the real estate property tax records of the county treasurer.	
Address 2: City: McCune State: KS Zip: 66753 + If this form is being submitted with a Form C-1 (Intent) or CB-1 (C.	athodic Protection Borehole Intent), you must supply the surface owners and	
State: KS Zip: 66753 +	athodic Protection Borehole Intent), you must supply the surface owners and tank batteries, pipelines, and electrical lines. The locations shown on the plai	
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State: KS Zip: 66753 + Lip: 667	athodic Protection Borehole Intent), you must supply the surface owners and tank batteries, pipelines, and electrical lines. The locations shown on the plated on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted. ce Act (House Bill 2032), I have provided the following to the surface be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form being filed is a Form C-1 or Form CB-1, the plat(s) required by this	
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