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

Seismic # of Holes Other Cable Other Other Cable Other	Form KSO	NA-1, Certification of	Compliance with the Kansas	e (5) days prior to commencing well Surface Owner Notification Act, MUST be submitted wi	th this form.
SW NW SW Sec 33 Trop 24 SR 13 EN SW Sec 33 Trop 24 SR R 13 EN SW SW SW SW SW SW SW S	Expected Spud Date:	September 28, 20	010	Spot Description:	
Delection Deviated or Horizontal wellbore? Depth to bottom of stable water. 195 Surface S		month di	ay year		c p 13
March Mid-Continuent Energy Corporation 363 seet from E / D W Unine of Seedo Address 1, 195 S. Broadway, Suite 360	OBEDITOD III	5205			
Address 2: 195 S. Broadway, Sulta 360 Address 3: SECTION Sequilize Irregular Month Control Month Cont	14:145	v Cornoraton			IN / X S Line of Section
Address 2: Contact Person. Jack Buehler Contact Person. Jack Buehler Contact Person. Jack Buehler Contact Person. Jack Buehler CONTRACTOR: Licenses 34233 Name Memoria Disting. LLC CONTRACTOR: Licenses 34233 Name Memoria Disting. LC Well Distact Fire Infect Disconal State Fire Infect Well Distact Fire Infect Disconal State Fi				le SECTION: Magaziles Titrocules	Je / N Fine or Section
Counts Person: Jack Bushler Phone: 318-285-801 CONTRACTOR: Licensest: 34233 Is this a Proceded 'Spaced Field'? Is the speced Field'? Is the speced Field 'Spaced Field'? Is the speced To the Depth 'Spaced Field'? If the well specified Field' Spaced Field'? If the well specified Field Field' Spaced Field'? If the well specified Field Field' Spaced Field'? Is the speced To the Depth 'Spaced Field'? If the well specified Field' Spaced Field'? If the well specified Field' Spaced Field'? If the well specified Field' Spaced Field'? If the well specified Field Field' Spaced Field'? If the well specified Field F	***************************************			is SECTION. Kiregular?	
Contractors Licensed 34233 Name : Meretic Drilleg For Well Class: Type Equipment Frield Name : Parcelard / Spaced Field? Frield Name : Parcelard / Spaced Field Name : Parcelard / Spaced	City Wichita		7in: 67202 +	(Note: Locate well on the Section Plat of	in reverse side)
Lease Name Lea			Lip '		
Field Name. #16.162 Set Description Contract C	Phone: 316-265-9501				Well #: 1
Name Memerich Childing, LLC Well Class: Type Equipment: Well Class: Type Equipment: Well Class: Type Equipment: Well Class: Type Equipment: Glass Storage		34233		Field Name: Haley	
Well Drilled For Well Class Type Equipment: Storage Season Storage Season Storage Season Storage	Manager L. Brond C. Co. Co.	J4255		•	Yes XNo
Ground Surface Ellevation. 1988 feet MSI Water well within one quarter mile: ground Surface Ellevation. 1988 feet MSI Water well within one quarter mile: ground Surface Ellevation. 1988 feet MSI Water well within one mile: ground Surface Ellevation. 1989 feet MSI Water well within one mile: ground Surface Ellevation. 1989 feet MSI Water well within one mile: ground Surface Ellevation. 1989 feet MSI Water well within one mile: ground Surface Ellevation. 1989 feet MSI Water Well within one mile: ground Surface Ellevation. 1989 feet MSI Water Supply well within one mile: ground Surface Ellevation. 1989 feet MSI Water Supply well within one mile: ground Surface Ellevation. 1989 feet MSI Water Supply well within one mile: ground Surface Ellevation. 1989 feet MSI Water Supply well within one mile: ground Surface Ellevation. 1989 feet MSI Water Supply well within one mile: ground Surface Ellevation. 1989 feet MSI Water Supply well within one mile: ground Surface Ellevation. 1989 feet MSI Water Supply well within one mile: ground Surface Ellevation. 1989 feet MSI Water Supply well within one mile: ground Surface Ellevation. 1989 feet MSI Water Supply well within one mile: ground Surface Ellevation. 1989 feet MSI Water Supply well within one mile: ground Surface Ellevation. 1989 feet MSI Water Supply well within one mile: ground Surface Ellevation. 1989 feet MSI Water Supply well within one mile: ground Surface Ellevation. 1989 feet MSI Water Supply Plann Plann Water Supply well within one mile: ground Surface Ellevation. 1989 feet MSI Water Supply well within one mile: ground Surface Ellevation. 1989 feet MSI Water Supply Surface Plee Planned to be set 229 feet within of Completion Form Plann Planned To MSI Water Supply Surface Plee Planned to be set 229 feet within of Completion Form Planned To MSI Water Supply Surface Plee Planned to be set 229 feet within of Completion Form In all cases surface Supply Surface Plee Planned to	Name			- , ,	
Water well within one-quarter male. Storage	Well Drilled For:	Well Class:	Type Equipment:		3'
Wester well within one-quarter mile. Yes No No No No No No No N	Oil Enh Re	c Infield	Mud Rotary		feet MSL
Seismic # of Holes Other				Water well within one-quarter mile:	Yes XNo
Depth to bottom of fresh water. 190" Depth to bottom of usable water. 190" Depth depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth Depth			· ·	Public water supply well within one mile:	☐Yes X No
Surface Pipe by Alternate:	Seismic ;# of I				
Operator: Operator: Operator: Original Completion Date Original Total Depth: Directional Deviated or Horizontal wellbore? Original Completion Date Original Total Depth: Projected Total Depth: ABOUTT Projected Total Depth: Water Source for Drilling Operations: Well Name: DIVER Permit #: Will Cores be taken? If Yes, proposed zone: AFFIDAVIT 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 approval 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 comenting must be completed within 30 days of the spud date or the well shall be plugged. In all cases, NOTIPY district office prior to any cementing. In the propriete district office will be notified before well shall be plugged in reduction applies to the KCC District 3 area, alternate II comenting must be completed within 30 days of the spud date or the well shall be plugged in all cases, NOTIPY district office prior to any cementing. In the propriete district office will be notified before well shall be plugged in all cases, NOTIPY district office prior to any cementing. Prof KCC Use ONLY API #15 _ B S _ 23 6	Other:			Depth to bottom of usable water:	
Operator: Well Name: Original Completion Date: Original Congletion Date:	THE CHANGE THE STATE OF STATE	£		Surface Pipe by Alternate: XI III	-
Operator: Well Name: Original Completion Date Original Total Depth:	T OVVVVO: old well in	iormation as follows:		Length of Surface Pipe Planned to be set: 225'	
Original Completion Date Original Total Depth: Formation at Total Depth: Arbuckle Directional, Deviated or Horizontal wellbore? Ves No If Yes, true vertical depth: Original Total Depth: Water Soupe for Drilling Operations. Water Soupe for Drilling Operations.	Operator:				
Water Source for Drilling Operations: Water Source for Drilling Operation: Water Source for Drilling Operation of Drilling Operation Operati	Well Name:		· · · · · · · · · · · · · · · · · · ·		
Directional, Deviated or Horizontal wellbore? If Yes, true vertical depth: Bottom Hole Location: KCC DKT #: **Note: Apply for Permit with DWR** Will Cores be taken? If Yes, proposed zone: **AFFIDAVIT** **RECEIVED** 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 ALITERNATE II COMPLETION, production pipe shall be cemented from bellow any usable water to surface within 120 DAYS of spud date. Or pursuant to Appendix "B'—Eastern Kansass surface casing order #33,891-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. Thereby certify that the statements made herein are true and to the best of my knowledge and befer. Por KCC Use ONLY API # 15	Original Completion Date	:: Origin	nal Total Depth:	Formation at Total Depth: Arbuckle	
If Yes, true vertical depth: DWR Permit #: (Note: Apply for Permit with DWR Yes Note: DWR Permit Note: Apply for Permit with DWR Yes Note: DWR Permit Note: Apply for Permit with DWR Yes Note: DWR Permit Note: Apply for Permit with DWR Note: DWR Permit Note: Apply for Permit with DWR Note: DWR Permit Note			FT. KZ.	Water Source for Drilling Operations:	
Bottom Hole Location:				Well Farm Pond Other:	
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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: 9-15-2010 Signature of Operator or Agent: For KCC Use ONLY API # 15 - 18 5 - 23 6 3 7 000 Conductor pipe required None feet Minimum surface pipe required feet per ALT. In authorization expires: 9-20-2010 This authorization expires: 9-20-2011 (This authorization void if drilling not started within 12 months of approval date.) Spud date: Agent: Well will not be drilled or permit has expired (See. authorized expiration date) Well will not be drilled or Permit Expired Date: Well will not be drilled or Permit Expired Date: Signature of Operator or Agent: Months of Agent: Months of Operator or A	Or pursuant to Apper	ıdix "B" - Eastern Kar	nsas surface casino order#1	o from below any usable water to surface within 120 bi	475 or spuc date.
Part	must be completed w	ithin 30 days of the s	pud date or the well shall be	plugged. In all cases, NOTIFY district office prior to	any cementing.
For KCC Use ONLY API # 15 - 18 5 - 23 6 3 7 - COOO Conductor pipe required					, ,
For KCC Use ONLY API # 15 /8 5 - 23 6 3 7 - COOO Conductor pipe required					•
For KCC Use ONLY API # 15 -	Date: 9-15-2010	Signature of Ope	rator or Agent:	n / Sullum Title: Open	-ton - Owner
For KCC Use ONLY API # 15 -		-		Remember to:	
Act (KSONA-1) with Intent to Drill; Conductor pipe required		22/2-			oo Owner Notification
Conductor pipe required	API#15/85~	23637-C		•	ace Owner Notification
Minimum surface pipe required 300 feet per ALT. III Approved by: 432-2010 This authorization expires: 9-22-2011 (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: 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. If well will not be drilled or Permit Expired Date: Signature of Operator or Agent	Conductor nine required	None.	fact	· · · · · · · · · · · · · · · · · · ·	ill;
Approved by: [, , ,	100			
This authorization expires: (This authorization void if drilling not started within 12 months of approval date.) Spud date: Agent: Agent: Well will not be drilled or Permit Expired Date: Signature of Operator or Agent:	1 0		teet per ALT.	- File acreage attribution plat according to field proration	n orders;
(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: Signature of Operator or Agent:	Approved by: 15 7-0				
Spud date: Agent:	This authorization expires:	7-22-201	<u> </u>		
Spud date: Agent: please check the box below and return to the address below	(This authorization void if drilli	ng not started within 12	months of approval date.)		alt water.
Well will not be drilled or Permit Expired Date: Signature of Operator or Agent					
Mail to: KCC - Conservation Division, Well will not be drilled or Permit Expired Date: Signature of Operator or Agent:	Spud date:	Agent:		· · · · · · · · · · · · · · · · · · ·	
Mail to: KCC - Conservation Division,					e:
130 S. Market Boom 2079 Wijshita Kanasa 67202			*	olgriature of Operator or Agent:	*

For KCC Use ONLY
API # 15 - 185 - 23 637 - 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.

Operator: <u>M</u>	fid-Continent Ener	gy Corporaton				Location of Well:	County: Stafford	
ease: Rus						1,526	feet from	N / X S Line of Section
Vell Numbe	er: <u>1</u>					363	feet from	E / X W Line of Section
ield:						Sec. 33 7	wp. <u>24</u> S. R. <u>13</u>	E 🔀 W
lumber of	Acres attributab	le to well:				Is Section:	Regular or 🔲 Irregula	ar
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							SEWARD CO. 3390' FE	RECEIVED

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

KCC WICHITA

- 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.

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: Mid-Continent Energy Corporaton			License Number: 5205			
Operator Address: 105 S. Broadway, Suite 360			Wichita KS 67202			
Contact Person: Jack Buehler			Phone Number: 316-265-9501			
Lease Name & Well No.: Russell	1		Pit Location (QQQQ):			
Type of Pit:	Pit is:		<u>sw</u> . <u>nw</u> . <u>sw</u>			
Emergency Pit Burn Pit	X Proposed	Existing	Sec. 33 _{Twp.} 24 _{R.} 13 East X West			
Settling Pit X Drilling Pit	If Existing, date co	nstructed:	1,526 Feet from North / X South Line of Section			
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:					
(ii var Supply Al Fato. or real diffied)	4,800	(bbls)	StaffordCounty			
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? XYes No	Artificial Liner?	No	How is the pit lined if a plastic liner is not used? Natural Clays and Bentonite			
Pit dimensions (all but working pits):	0 Length (fee	et) 80	Width (feet) N/A: Steel Pits			
Depth fro	om ground level to dea	epest point:	4 (feet) No Pit			
Distance to nearest water well within one-mile of	of pit:	Depth to shallo Source of infor	owest fresh water			
780 feet Depth of water well	74_feet	measured	well owner electric log DKDWR			
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	over and Haul-Off Pits ONLY:			
Producing Formation:		Type of materia	al utilized in drilling/workover: fresh water			
Number of producing wells on lease:		Number of working pits to be utilized:				
Barrels of fluid produced daily: Does the slope from the tank battery allow all s		Abandonment ;	and back fill			
flow into the pit? Yes No	pilico lidios to	Drill pits must t	be closed within 365 days of spud date. RECEIVED			
I hereby certify that the above statem	ents are true and con	rect to the best of	my knowledge and belief. SEP 1 6 201			
9-15-2010 Date		Jan n	Suchla KCC WICHIT Ignature of Applicant or Agent			
	KCC	OFFICE USE O	NLY Liner Steel Pit RFAC RFAS			
Date Received: 9-16-10 Permit Numl	ber:	Permi	it Date: 9 · 22 ~ 10 Lease Inspection: Yes No			



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

September 22, 2010

Mid-Continent Energy Corporation 105 S. Broadway Ste 360 Wichita, KS 67202

RE: Drilling Pit Application

Russell Lease Well No. 1 SW/4 Sec. 33-24S-13W Stafford 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 the Hutchinson Salt section has been drilled through and displacement of the fluids into the reserve pit has occurred. The fluids should be removed again within 96 hours after drilling operations have ceased. **Keep pits on south side of stake.**

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) 225-8888 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

Department of Environmental Protection and Remediation

cc: File

15-85-23637-00-00 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.

OPERATOR: License # 5205	_ Well Location:
Name: Mid-Continent Energy Corporaton	SW_NW_SW Sec. 33 Twp. 24 S. R. 13 Eas West
OPERATOR: License # 5205 Name: Mid-Continent Energy Corporaton Address 1: 105 S. Broadway, Suite 360	County: Stafford
Address 2:	
City: Wichita State: KS Zip: 67202 +	J
Contact Person: Jack Buehler	the lease below:
Phone: (316) 265-9501 Fax: (316) 265-5406 Email Address: jacknbuehler@yahoo.com	_
Email Address: jacknbuehler@yahoo.com	-
Surface Owner Information:	
Name: Roger Russell	When filing a Form T-1 involving multiple surface owners, attach an additional
Address 1: Rt. 1, Box 161	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: St. John State: KS Zip: 67576	-
the KCC with a plat showing the predicted locations of lease roads, ta	hodic Protection Borehole Intent), you must supply the surface owners and ank batteries, pipelines, and electrical lines. The locations shown on the plat from the Form C-1 plat. Form CB-1 plat, or a separate plat may be submitted
the KCC with a plat showing the predicted locations of lease roads, to are preliminary non-binding estimates. The locations may be entered Select one of the following: Certify that, pursuant to the Kansas Surface Owner Notice owner(s) of the land upon which the subject well is or will be	ank batteries, pipelines, and electrical lines. The locations shown on the plat if on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted. Act (House Bill 2032), I have provided the following to the surface elocated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form
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KCC WICHITA