For KCC Use:	6-26-07
Effective Date:	0-2001
District #	3
SGA? Yes	<b>∡</b> No

# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

## NOTICE OF INTENT TO DRILL

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

Form C-1 December 2002 Form must be Typed Form must be Signed All blanks must be Filled

Specified Spuid Date   S-2-47   Spuid Date   S-2-47   Spuid Spuid Date   Spuid Date   S-2-47   Spuid Spuid Date   S-2-47   Spuid Spuid Date   Spuid Date   S-2-47   Spuid Spuid Date   Spuid Date   Spui	·	nve (3) days phor to commencing well
OPERATOR: Licenses 3223  Name, Heatered Of and dea Cooporation  Name of Section Plant of Se	Expected Spud Date 6-29-07	Spot ✓ East
Section   Note	month day year	SE SE SE - 04 18S 24
International of and des Corporation   International and designed hereby affirms that the defiling, completion and eventual plugging of this well will comply with K.S.A. S5 et. seg.   International content of surface pipe a specified below with K.S.A. S5 et. seg.   International content of surface pipe as specified below with the opinion on each difficity of the surface defined on the defiling comment to the top; in all cases surface pipe size surfaces pipe size surfaces pi	OBERATOR: Lineary 33233	
Address, 1912 Inclusives Pack Drive    Committed Person, 1989 to Listed   Country, Manni   Manni   Country,	Heartland Oil and Gas Corporation	
County Manny Shee Uland   County Manny Shee	1610 Industrial Park Drive	
Country Malmi   Country Malm	Address:Paola, KS 66071	
Phone: 913-294-1400   Lease Name: ModerStance   Well st. 444	City/State/Zip:	(Note: Locate well on the Section Plat on reverse side)
CONTRACTOR: Licenses 5885   Side Glaze doa R.S. Glaze Drilling   Subset Glaze doa R.S. Glaze Drilling   Well Class: Type Equipment:   Well Drilled For:   Well Class: Type Equipment:   Ground Suffice Classical Class   Storage   Pool Ext.   Air Rolary   Wildcat   Cable   Solimbir:   of Holes   Other	Contact Person: Stove Little	
Section   Sect	Phone: 913-294-1400	Lease Name: McFarlane Well #: 44-4
Name   Suise Clare doa R.S. Claze Drilling   Verification   Veri	5885	Field Name: Jake
Well Diffied For:   Well Class:   Type Equipment:   Wald Rolary   Wald Polled For:   Well Class:   Type Equipment:   Wald Rolary   Wald Rola	CONTRACTOR: License#	Is this a Prorated / Spaced Field?
Nearest Lease or unit boundary: 350   Nearest Lease or unit boundary	Name: Oddie Oldze dba 11.5. Glaze Drilling	Target Formation(s): Coal/Shale
Ground Sufface Elevation275   feet MSL   Ground Sufface Elevation	Well Drillad For: Well Class: Type Faultments	Nearest Lease or unit boundary: 350'
Water well within one-quarier mile:   yes   No.   No.		0
Public water supply well within one mile:		
Depth to bottom of tresh water. 200   Depth to bottom of tresh water. 200   Depth to bottom of usable water to such and the district office prior to plugging;   Depth to bottom of usable water to such and the district office prior to plugging;   Depth to bottom of usable water to such and the district office prior to plugging;   Depth to bottom of usable water to such and the district office prior to any cementing   Depth to bottom of usable water. 200   Depth to bottom of usable	Gas Storage Pool Ext. ✓ Air Rotary	Dublic water events will within an off
Depth to bottom of usable water;   22   ANNSAS CORPORATION COMMISSION	OWO Disposal Wildcat Cable	
Surface Pipe by Alternate:   1	Seismic;# of Holes Other	
If OWWO: old well Information as follows:  Operator:  Operator:  Original Completion Date:  Original C	Other	
Operator: Well Name: Original Completion Date: Original Completion Dat		KANSAS COPPORATION OR WAS
Well Name: Original Completion Date: Original Total Depth: Formation at Total Depth: Mississippi CONSERVATION DIVISION Directional, Deviated or Horizontal wellbore?   Yes   No   Water Source for Drilling Operations:   Well   Farm Pond Other City Water WICHTA, KS   Water Source for Drilling Operations:   Well   Farm Pond Other City Water WICHTA, KS   Water Source for Drilling Operations:   Well   Farm Pond Other City Water WICHTA, KS   Water Source for Drilling Operations:   Wichta, KS   Will Cores be taken?   Well   Farm Pond Other City Water WICHTA, KS   Water Source for Drilling Operations:   Will Cores be taken?   Will Cores be taken?   Well   Farm Pond Other City Water WICHTA, KS   Will Cores be taken?   Will Cores be taken?   Will Cores be taken?   Well   Farm Pond Other City Water WichTA, KS   Will Cores be taken?   Will Cores be taken?   Will Cores be taken?   Well   Farm Pond Other City Water Will Taken   Will Cores be taken?   Well   Farm Pond Other City Water Will Taken   Will Cores be taken?   Will Cores be taken?   Will Cores be taken?   Will Cores to the Will Combine Will Cores   Will	If OWWO: old well information as follows:	
Original Completion Date: Original Total Depth:   Formation at Total Depth:   Mississippi   CONSERVATION DIVISION Water Source for Drilling Operations:   Well   Farm Pond Other City Water   Gity Water   Gity Water   Formation at Total Depth:   Gity Water   Gity Wat	Operator:	
Water Source for Drilling Operations:   Conservation Drivision Wighting Other City Water   Cit	Well Name:	Projected Total Depth:
Directional, Deviated or Horizontal wellbore?	Original Completion Date:Original Total Depth:	Formation at Total Depth: Mississippi CONSEDIATION P. CONSEDIA
If Yes, true vertical depth:	Directional Deviated or Maderatel wellhard	WILLIA NO
Will Cores be taken?   Not expected at this time   RECEIVED   KANSAS CORPORATION COMMISSION   AFFIDAVIT   KANSAS CORPORATION COMMISSION   KANSAS C		Well Farm Pond Other City Water
Will Cores be taken? If Yes, proposed zone: Not expected at this time RECEIVED  KANSAS CORPORATION COMMISSION  The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.  UN 1 8 2007  The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.  UN 1 8 2007  It is agreed that the following minimum requirements will be met:  1. Notity 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.  It hereby certify that the statements made herein are true and to the best of my knowledge and belief.  Poate:  File Completion Form ACC-1 within 120 days of spud date;  File Completion Form ACC-1 within 120 days of spud date;  File acreage attribution plat according to filed proration orders;  Notify appropriate district office 46 hours prior to workover or re-entry;  Submit plugging report (CP-4) after plugging is completed;  Obtain written approval before disposing or injecting	•	DWR Permit #:
If Yes, proposed zone:   Not expected at this time     Yes   Not expected at this time     RECEIVED   RAFFIDAVIT   RANSAS CORPORATION COMMISSION	Bottom Hole Location:	─ (Note: Apply for Permit with DWR )
AFFIDAVIT  KANSAS CORPORATION COMMISSION  The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq. UN 1 8 2007  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.  It hereby certify that the statements made herein are true and to the best of my knowledge and belief.  For KCC Use ONLY  API # 15 - 121 - 2840 7 - cacc  Minimum surface pipe required	KCC DKT #:	— Will Cores be taken?
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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.  Date: 6/5-07 Signature of Operator or Agent: 11 Signature of Operator or Agent: 12 Signature of Operator or Agent: 13 Signature of Operator or Rect. 14 Signature of Operator or Rect. 15 Signature of Operator or Rect. 15 Signature of Operator or Rect. 16 Signature of Operator or Rect. 17 Signature of Operator or Rect. 18 Signature of Operator or Agent: 18 Signature of Operator or Agent: 19 Date: 19 D		CONCERNATION DIVISION
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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.  It hereby certify that the statements made herein are true and to the best of my knowledge and belief.  Date: 6-15-07 Signature of Operator or Agent: Title: Mea. Manager  For KCC Use ONLY  API # 15 - 121 - 2840-7-0000  Conductor pipe required None feet  Minimum surface pipe required 120 feet per Alt. 12  Approved by: 4-16-07 feet per Alt. 12  This authorization expires: 12-21-07  (This authorization void if drilling not started within 6 months of approval date.)  Spud date: Agent: Date: Dat	5. The appropriate district office will be notified before well is either to	blugged or production casing is cemented in;
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.  In hereby certify that the statements made herein are true and to the best of my knowledge and belief.  Date: 6/5-07 Signature of Operator or Agent: 8/10/10/10/10/10/10/10/10/10/10/10/10/10/	Or nursuant to Anneadiy "R" - Fastern Kansas surface casing or	der #133 801 C. which applies to the KCC District 0 area attempts the water
hereby certify that the statements made herein are true and to the best of my knowledge and belief.   Date: 6/3-07   Signature of Operator or Agent:   Date:	must be completed within 30 days of the spud date or the well sh	all be plugged In all cases NOTIFY district office prior to any compating
Date: 6/5-07 Signature of Operator or Agent: Sull Sull Sull Sull Sull Sull Sull Sul		·
For KCC Use ONLY  API # 15 - 121 - 28467-0000  Conductor pipe required	r nereby certify that the statements made herein are true and to the bes	of or my knowledge and belief.
For KCC Use ONLY  API # 15 - 121 - 28467-0000  Conductor pipe required	Date: 6/5-07 Signature of Operator or Agent:	White Franchis
For KCC Use ONLY  API # 15 - 121 - 28467-0000  Conductor pipe required	Digitative of Operator of Agent.	Title. Titele Manager
API # 15 - 121 - 2846 7-0000  Conductor pipe required None feet  Minimum surface pipe required 20 feet per Alt. 12  Approved by: Latt 621-07  This authorization void if drilling not started within 6 months of approval date.)  Spud date: Agent: Date: Agent: Date: D	74 Fine 344	Remember to:
Conductor pipe required		
Conductor pipe required	API # 15 · 121- 28467-0000	
Minimum surface pipe required 20 feet per Alt.  Approved by: Lat (2)-07  This authorization expires: 12-21-07  (This authorization void if drilling not started within 6 months of approval date.)  Spud date: Agent: Date: Agent: Date: D	Mana	The state of the s
Approved by: Left (2)-07  This authorization expires: 12-21-07  (This authorization void if drilling not started within 6 months of approval date.)  Spud date: Agent: Date: Agent: Date:	20	
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(This authorization void if drilling not started within 6 months of approval date.)  Spud date: Agent: Signature of Operator or Agent: Date: Date: Signature of Operator or Agent: Signature of Operator or Agent: Date: Signature of Operator or Agent: Signa	This authorization expires: 12-21-07	- If this permit has expired (See: authorized expiration date) please
Spud date: Agent: Signature of Operator or Agent: Date: Date:		check the box below and return to the address below.
Spud date: Agent: Signature of Operator or Agent: Date: Date:		Well Not Drilled - Permit Expired
Date:	Spud date: Agent:	Signature of Operator or Agent
		- 70
	Mail to: KCC - Conservation Division, 13	30 S. Market - Room 2078, Wichita, Kansas 67202

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

Plat of acreage attributable to a well in a prorated or spaced field

If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

API No. 15 - 101-00	907-0000	Location of We	ell: County: Miami
Operator: Heartland Oil and	Gas Corporation		
Lease: McFarlane		101 425 250	feet from 🗸 E / 🗌 W Line of Section
Well Number: 44-4		Sec04	Twp. 18S S. R. 24
Field: Jake	20	Is Section:	✓ Regular or
Number of Acres attributab		SE	——————————————————————————————————————
QTR / QTR / QTR of acrea	ge: <u>SE</u> <u>- SE</u>	If Section is in	rregular, locate well from nearest corner boundary. used:NENWSESW
		PLAT	
		shade attributable acreage for p	
	(Snow tootage	to the nearest lease or unit bour	ndary line.)
•			
			RECEIVED KANSAS CORPORATION COMMISSION
			JUN 2 0 2007
			CONSERVATION DIVISION
			WICHITA, KS
			EXAMPLE
,	•	, ,	FFF 1000
			10
			3390
:			
	ı		

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

JUN 18 2007

RECEIVED KANSAS CORPORATION COMMISSION

SEWARD CO.

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

CONSERVATION DIVISION WICHITA, KS

- 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 section's south / north and east / west.
- 3. The distance to the nearest lease or unit boundary line.
- 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).

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 April 2004 Form must be Typed

## **APPLICATION FOR SURFACE PIT**

Submit in Duplicate

Operator Name: Heartland Oil & Gas Corporation			License Number: 33233	
Operator Address: 1610 Industria		Paola, KS 6	66071	
Contact Person: Steve Littell	*****	-	Phone Number: ( 913 ) 294 - 1400	
Lease Name & Well No.: McFarlane	44-4		Pit Location (QQQQ):	
Type of Pit:	Pit is:		SE SE SE .	
Emergency Pit Burn Pit	Proposed Existing  If Existing, date constructed:  Pit capacity:  400 (bbls)		Sec. 04 Twp. 18S R. 24  East West  350  Feet from North / South Line of Section	
Settling Pit				
Workover Pit Haul-Off Pit				
(If WP Supply API No. or Year Drilled)			Miami County	
Is the pit located in a Sensitive Ground Water Area? ☐ Yes ✓ No		No	Chloride concentration: mg/l	
Is the bottom below ground level?	Artificial Liner?	<b></b>	(For Emergency Pits and Settling Pits only)  How is the pit lined if a plastic liner is not used?	
Yes No	Yes V	No		
Pit dimensions (all but working pits):	40' Length (fe		<b>_</b>	
material, thickness and installation procedu	G.		ncluding any special monitoring ANSAS CORPORATION COMMISSION  JUN 2 0 2007  CONSERVATION DIVISION  WICHITA KS	
Distance to nearest water well within one-mile of pit		Depth to shallowest fresh waterfeet. Source of information:		
N/4 feet Depth of water wellfeet		measuredwell owner electric logKDWR		
Emergency, Settling and Burn Pits ONLY:		Drilling, Workover and Haul-Off Pits ONLY:		
Producing Formation:		Type of material utilized in drilling/workover: City Water		
Number of producing wells on lease:  Barrels of fluid produced daily:		Number of working pits to be utilized: 2 with a crossover  Abandonment procedure: Remove water to nearest disposal well and doze pits in. Also reseed area.		
				Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No
I hereby certify that the above sta	tements are true and	correct to the bes	et of my knowledge and belief.	
6-18-07		Stur	Full Signature of Applicant or Agent	