For KCC Use: Effective Date: District # SGA? Yes No

# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

## NOTICE OF INTENT TO DRILL

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

	Must be approved by KCC five (	5) days prior to commencing well
Expected Spud Date	7/26/07 month day year	Spot  NW SE NE Sec. 04 Twp. 18S S. R. 24  West
•	,	1403 feet from N / Line of Section
OPERATOR: License# 33	233	818 feet from F   W Line of Section
Heardand Oil and Gas	S COIDOIAGON	Is SECTION RegularIrregular?
Address: 1610 Industrial Part	K Drive	(Note: Locate well on the Section Plat on reverse side)
City/State/Zip: Paola, KS 66		
Contact Person: James Har	mon	County: Miami Lease Name: Prothe Well #: 41-4
Phone: 913-294-1400		Lease Name:
	33972	Field Name: Jake  Is this a Prorated / Spaced Field?  Yes V No **
CONTRACTOR: License# Name: Aztec Well Services	s Inc	10 4110 4 . 151446
Name: Aztec Well Bol Vidoo		Target Formation(s): Coal/Shale
Well Drilled For:	Well Class: Type Equipment:	Nearest Lease of unit boundary.
	Rec Infield Mud Rotary	Glound Surface Elevation.
		Which well with the definition of the state
OWWO Dispos		Depth to bottom of fresh water: 200'
<del></del>	Holes Office	Depth to bottom of usable water: 200'
Other		Surface Pipe by Alternate: 1 2
If OWWO: old well inform	ation as follows:	Length of Surface Pipe Planned to be set:
Operator:		Length of Conductor Pipe required: NA
Well Name:		
	ate:Original Total Depth:	Formation at Total Depth: Mississippi
-		Water Source for Drilling Operations:  Well Farm Pond Other
Directional, Deviated or H		
If Yes, true vertical depth:		DWR Permit #:
		(Note: Apply for Permit with DWR )
KCC DKT #:		Will Cores be taken?
		If Yes, proposed zone:
	AFF	IDAVIT KANSAS CORPORATION COMMISSION
Ti	offirms that the drilling, completion and eventual D	lugging of this well will comply with K.S.A. 55 et. segUL 2 3 2007
The undersigned hereby	allims that the driving, completion and overleas p	JOF 5 3 500\
	wing minimum requirements will be met:	('ONSERVATION PROPERTY
Notify the appropri	iate district office <i>prior</i> to spudding of well;	CONSERVATION DIVISION ch drilling rig: WICHTA KS
2. A copy of the appr	ount of surface nine as specified below shall be so	ch drilling rig;  WICHITA KS  et by circulating cement to the top; in all cases surface pipe shall be set
	The state of the s	po upoenvino iornaliuo.
سأنسلم اللابان وموران	-is an agreement between the operator and the o	district office on blug length and placement is necessary but to brassing.
		gged or production casing is certained in, ted from below any usable water to surface within 120 days of spud date.
Or pursuant to Ap	d within 30 days of the soud date or the well shall	be plugged. In all cases, NOTIFY district office prior to any cementing.
I have be completed	statements made herein are true and to the best of	of my knowledge and belief.
I nereby certify that the	Statements made herein are not and to the trans-	
Date: 7/20/07	Signature of Operator or Agent:	Title: Maintenance Superintendent
Date:		Remember to:
		- File Drill Pit Application (form CDP-1) with Intent to Drill;
For KCC Use ONLY	28480-0000	- File Completion Form ACO-1 within 120 days of spud date;
API # 15 - 164 / -		- File acreage attribution plat according to field proration orders;
Conductor pipe require	ed None feet V	<ul> <li>Notify appropriate district office 48 hours prior to workover or re-entry;</li> </ul>
Minimum surface pipe	required 20 feet per Alt. (1/2)	<ul> <li>Submit plugging report (CP-4) after plugging is completed;</li> </ul>
Approved by:	7-2407	- Obtain written approval before disposing or injecting salt water.
l l	1-2(1-7)/	- If this permit has expired (See: authorized expiration date) please
This authorization expir	res: // / / / / / / / / / / / / / / / / /	check the box below and return to the address below.
(Inis authorization void	if thining not started within a morning of approval dutory	Well Not Drilled - Permit Expired
Spud date:	Agent:	Signature of Operator or Agent:
Opto date.		Date:

#### 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 - 121-28480-0000	Location of Well: County: Miami		
Operator: Heartland Oil and Gas Corporation	1403 feet from N / AS Line of Section		
Lease: Prothe	1403 feet from  \( \bigvert \text{N} \) / \( \bigvert \text{S} \) Line of Section \( \bigvert \text{E} \) / \( \bigvert \text{W} \) Line of Section		
Well Number: 41-4	Sec04		
Number of Acres attributable to well: 40 acre spacing  QTR / QTR / QTR of acreage: NW - SE - NE	Is Section: Regular or Irregular  If Section is Irregular, locate well from nearest corner boundary.  Section corner used: NE NW SE SW		

# PLAT

(Show location of the well and shade attributable acreage for prorated or spaced wells.)

(Show footage to the nearest lease or unit boundary line.)

		:		RECEIVED
 				KANSAS CORPORATION COMMISS
 	· · · · · · · · · · · · · · · · · · ·		• 818'E	SOUND TO DIVISION
			1403'5	WICHITA, KS
	•	<u>.</u>	:	EXAMPLE
			: 	1980
 •	· · · · · · · · · · · · · · · · · · ·			3390'
			: : :	
	•			SEWARD CO.

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

#### 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 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

	3	License Number: 33233			
Operator Name: Heartland Oil and O		00200			
Operator Address: 1610 Industria	l Park Drive	Paola, KS	66071		
Contact Person: James Harmon		Phone Number: ( 913 ) 294 - 1400			
Lease Name & Well No.: Prothe 41-4			Pit Location (QQQQ):		
Type of Pit:	Pit is:		NW _ SE _ NE		
Emergency Pit Burn Pit	✓ Proposed	Existing	Sec04Twp18SR24		
Settling Pit	If Existing, date constructed:		1403 Feet from North F South Line of Section		
Workover Pit Haul-Off Pit			818 Feet from 🗸 East / West Line of Section		
(If WP Supply API No. or Year Drilled)			Miami County		
Is the pit located in a Sensitive Ground Water	Area? Yes _ <u>√</u>	] No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)		
Is the bottom below ground level?  Yes No	Artificial Liner?	No	How is the pit lined if a plastic liner is not used?		
Pit dimensions (all but working pits):	10 Length (fe	eet) 12	Width (feet) N/A: Steel Pits		
	rom ground level to de				
material, thickness and installation procedur			ncluding any special monitoring KANSAS CORPORATION COMMISSION  JUL 23 2007  CONSERVATION DIVISION  WICHTA, KS		
Distance to nearest water well within one-mi	e of pit	Depth to shall Source of info	owest fresh waterfeet. rmation:		
feet Depth of water well_	feet	meas	uredwell owner electric logKDWR		
Emergency, Settling and Burn Pits ONLY	<b>:</b>	Drilling, Workover and Haul-Off Pits ONLY:			
Producing Formation:		Type of material utilized in drilling/workover: Farm pond water			
Number of producing wells on lease:		Number of working pits to be utilized: 2 with a crossover			
Barrels of fluid produced daily:		Abandonment procedure: Remove water to nearest disposal well and doze pits in. Also reseed area.			
Does the slope from the tank battery allow a flow into the pit? Yes No	11 spilled fluids to		be closed within 365 days of spud date.		
I hereby certify that the above statements are true and correct to the best of my knowledge and belief.					
7/20/07 Date	<u> </u>	James 5	Hames Signature of Applicant or Agent		
KCC OFFICE USE ONLY					
Date Received: 7/23/07 Permit Number: Permit Date: 7/23/07 Lease Inspection: Yes No					