

For KCC Use:
 Effective Date: 7-15-07
 District # 3
 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 07-18-07
 month day year

Spot East
 SE SE NW Sec. 03 Twp. 18 S. R. 24
 West

OPERATOR: License# 33233
 Name: Heartland Oil and Gas Corporation
 Address: 1610 Industrial Park Drive
Paola, KS 66071
 Contact Person: James Harmon
 Phone: 913-294-1400
 CONTRACTOR: License# 33972
 Name: Aztec Well Services, Inc.

per Survey 2035
2300

362 feet from N / S Line of Section
857 feet from E / W Line of Section

Is SECTION Regular Irregular?
 (Note: Locate well on the Section Plat on reverse side)

County: Miami
 Lease Name: Prothe Well #: 22-3
 Field Name: Jake

Is this a Prorated / Spaced Field? Yes No
 Target Formation(s): Coal/Shale
 Nearest Lease or unit boundary: 1540'

Ground Surface Elevation: 997' feet MSL
 Water well within one-quarter mile: Yes No
 Public water supply well within one mile: Yes No

Depth to bottom of fresh water: 200'
 Depth to bottom of usable water: 200'
 Surface Pipe by Alternate: 1 2

Length of Surface Pipe Planned to be set: 20'
 Length of Conductor Pipe required: NA
 Projected Total Depth: 990' Max
 Formation at Total Depth: Mississippi

Water Source for Drilling Operations:
 Well Farm Pond Other City Water
 DWR Permit #:

(Note: Apply for Permit with DWR)

Will Cores be taken? Yes No
 If Yes, proposed zone:

Well Drilled For:	Well Class:	Type Equipment:
<input type="checkbox"/> Oil	<input type="checkbox"/> Enh Rec	<input checked="" type="checkbox"/> Infield
<input checked="" type="checkbox"/> Gas	<input type="checkbox"/> Storage	<input type="checkbox"/> Pool Ext.
<input type="checkbox"/> OWWO	<input type="checkbox"/> Disposal	<input type="checkbox"/> Wildcat
<input type="checkbox"/> Seismic; # of Holes	<input type="checkbox"/> Other	<input type="checkbox"/> Cable
<input type="checkbox"/> Other		

If OWWO: old well information as follows:
 Operator:
 Well Name:
 Original Completion Date: Original Total Depth:

Directional, Deviated or Horizontal wellbore? Yes No

If Yes, true vertical depth:
 Bottom Hole Location:
 KCC DKT #:

AFFIDAVIT

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JUL 09 2007

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 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: 7-6-07 Signature of Operator or Agent: James Harmon Title: Area Manager

For KCC Use ONLY
 API # 15 - 121-28473-0000
 Conductor pipe required None feet
 Minimum surface pipe required 20 feet per Alt. XO 2
 Approved by: km 7-10-07
 This authorization expires: 1-10-08
 (This authorization void if drilling not started within 6 months of approval date.)
 Spud date: Agent:

Remember to:
 - 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;
 - Obtain written approval before disposing or injecting salt water.
 - If this permit has expired (See: authorized expiration date) please check the box below and return to the address below.
 Well Not Drilled - Permit Expired
 Signature of Operator or Agent:
 Date:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

3
 18
 24/E

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 - 121-28473-0000
 Operator: Heartland Oil and Gas Corporation
 Lease: Prothe
 Well Number: 22-3
 Field: Jake
 Number of Acres attributable to well: 80 acre spacing
 QTR / QTR / QTR of acreage: SE - SE - NW

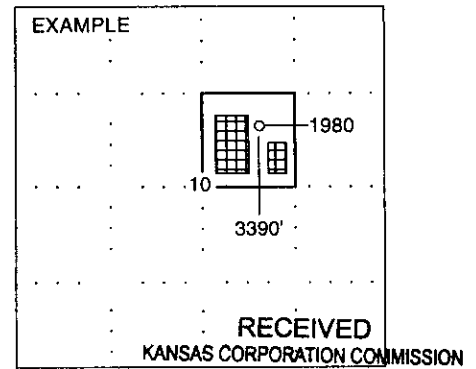
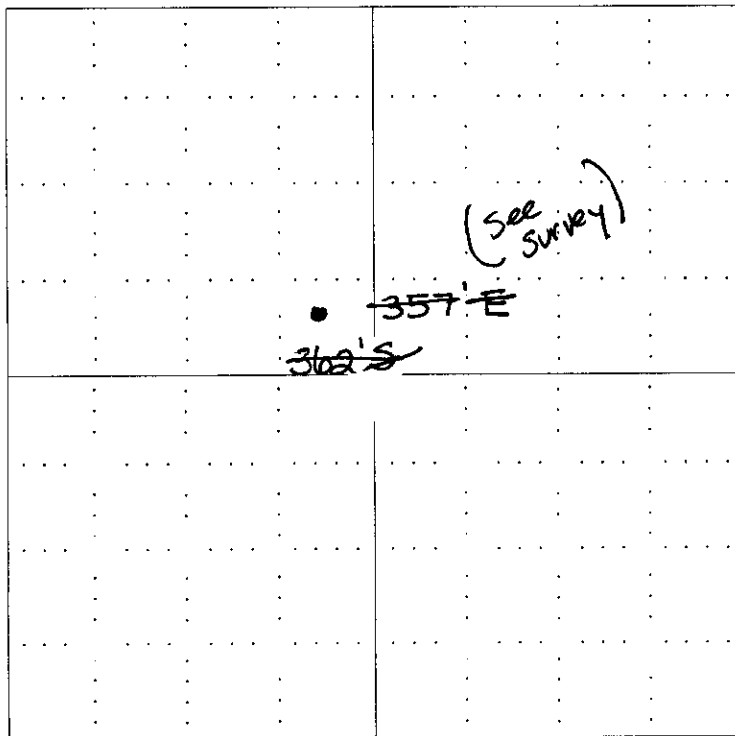
Location of Well: County: Miami
2035 ~~362~~ feet from N / S Line of Section
2300 ~~357~~ feet from E / W Line of Section
 Sec. 03 Twp. 18 S. R. 24 East West

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.)*



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: (CO-7 for oil wells; CG-8 for gas wells).

JUL 09 2007
 CONSERVATION DIVISION
 WICHITA, KS

FROM :

FAX NO. :

Jul. 06 2007 09:21AM P4

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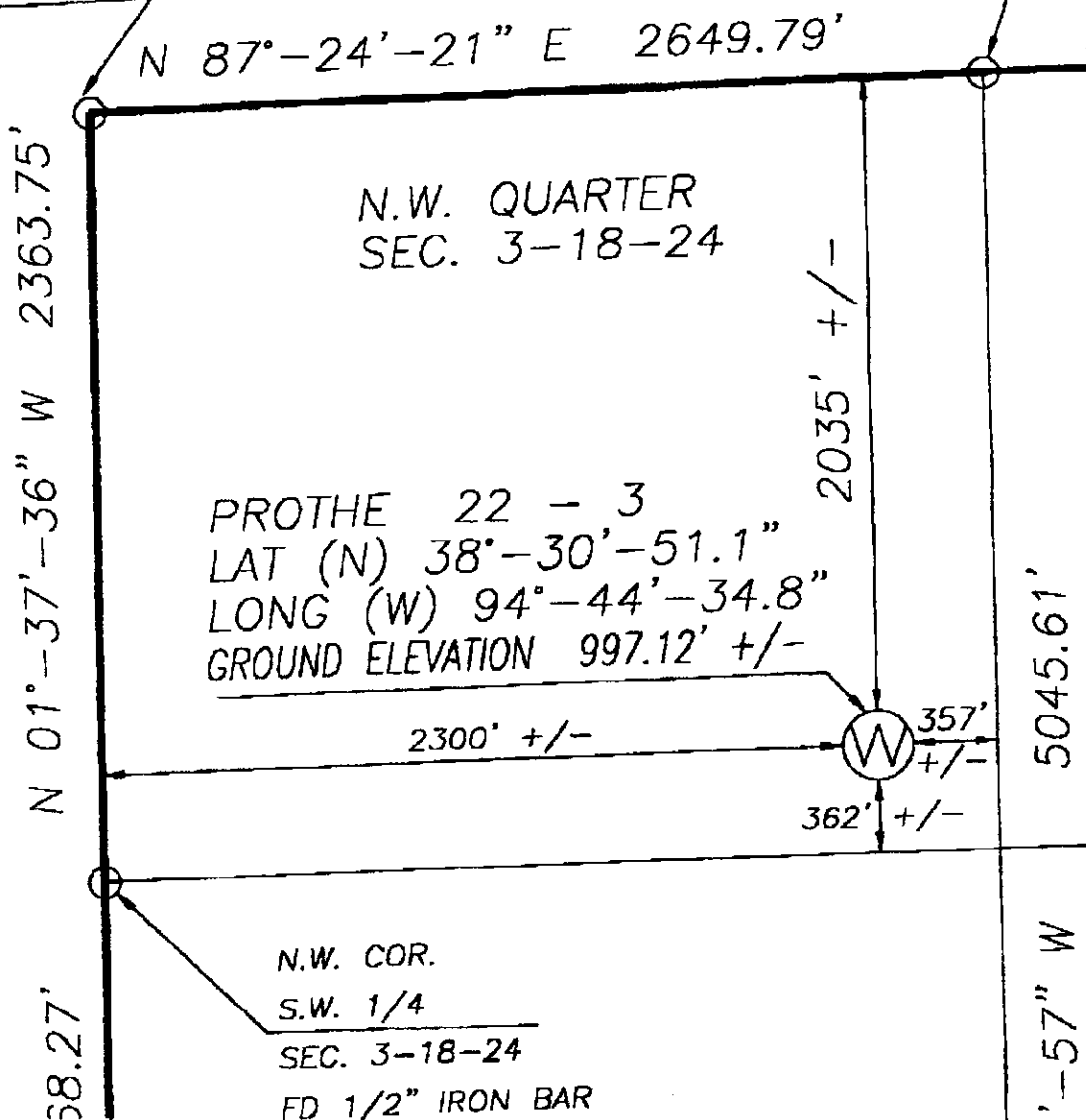
CONSERVATION DIVISION
WICHITA, KS

15-121-28473-0000

N.W. COR
N.W. 1/4
SEC. 3-18-24
FD 5/8" SQ. BAR

N.W. 1/4
SEC. 3-18-24
FD 1/2" IRON BAR

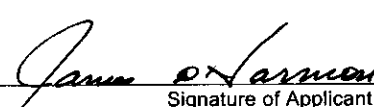
CREEK ROAD



**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
APPLICATION FOR SURFACE PIT**

Form CDP-1
April 2004
Form must be Typed

Submit in Duplicate

Operator Name: Heartland Oil & Gas Corporation		License Number: 33233
Operator Address: 1610 Industrial Park Drive Paola, KS 66071		
Contact Person: James Harmon		Phone Number: (913) 294 - 1400
Lease Name & Well No.: Prothe 22-3		Pit Location (QQQQ): SE SE NW
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input checked="" type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <small>(If WP Supply API No. or Year Drilled)</small>	Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: 400 (bbls)	Sec. <u>03</u> Twp. <u>18S</u> R. <u>24</u> <input checked="" type="checkbox"/> East <input type="checkbox"/> West 302 2035 Feet from <input checked="" type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section 357 2300 Feet from <input checked="" type="checkbox"/> East / <input checked="" type="checkbox"/> West Line of Section Miami County
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chloride concentration: _____ mg/l <small>(For Emergency Pits and Settling Pits only)</small>
Is the bottom below ground level? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Artificial Liner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	How is the pit lined if a plastic liner is not used?
Pit dimensions (all but working pits): <u>40</u> Length (feet) <u>12</u> Width (feet) N/A: Steel Pits Depth from ground level to deepest point: <u>6</u> (feet)		
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.
Distance to nearest water well within one-mile of pit <u>N/A</u> feet Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: _____ measured _____ well owner _____ electric log _____ KDWIR
Emergency, Settling and Burn Pits ONLY: Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: <u>City Water</u> Number of working pits to be utilized: <u>2 with a crossover</u> Abandonment procedure: <u>Remove water to nearest disposal well and doze pits in. Also reseed area.</u> Drill pits must 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.		
<u>7-06-07</u> Date	 Signature of Applicant or Agent	RECEIVED KANSAS CORPORATION COMMISSION JUL 09 2007 CONSERVATION DIVISION WICHITA, KS

15-121-28473-0000

KCC OFFICE USE ONLY			
Date Received: <u>7/9/07</u>	Permit Number: _____	Permit Date: <u>7/10/07</u>	Lease Inspection: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202