For KCC Use: 9-10-07 Effective Date: 3 SGA? Yes X 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

Expected Spud Date	9-13-07	Spot	✓ East
, ,	month day year	SE - SE - NW Sec. 02 Twp. 18S	S. R. 24 West
OPERATOR: License# 33233		2030 per leet from VN /	
Name: Heartland Oil and Gas Co	prporation	411 2229 Suffer feet from E / V	W Line of Section
1610 Industrial Park Da	rive	Is SECTION	
City/State/Zip: Paola, KS 66071		(Note: Locate well on the Section Plat on re	verse side)
Contact Person: James Harmon	1	County: Miami	reras sias,
Phone: 913-294-1400		Lease Name: Menefee	Well #: 22-2
	200	Field Name: Jake	
CONTRACTOR: License# 33	9/2	Is this a Prorated / Spaced Field?	Yes ✓ No
Name: Aztec Well Services, In	ic.	Target Formation(s): Coal/Shale	
Well Drilled For:	Well Class: Type Equipment:	Nearest Lease or unit boundary: 411'	
	_ / _	Ground Surface Elevation: 988'	feet MSL
Oil Enh Rec	✓ Infield Mud Rotary	Water well within one-quarter mile:	Yes V No
Gas Storage	Pool Ext. Air Rotary	Public water supply well within one mile:	Yes VNo
OWWO Disposal	Wildcat Cable	Depth to bottom of fresh water: 200'	
Seismic;# of Hol	es Other	Depth to bottom of usable water: 200'	
Other		Surface Pipe by Alternate: 1 2	
If OWWO: old well information	n as follows:	Length of Surface Pipe Planned to be set: 20'	
		Length of Conductor Pipe required: NA	
Well Name:		Projected Total Depth: 990' Max	
	Original Total Depth:	Formation at Total Depth: Mississippi	
ongman completion base.		Water Source for Drilling Operations:	
Directional, Deviated or Horizo	ontal wellbore? Yes ✓ No	Well ✓ Farm Pond Other	
If Yes, true vertical depth:		DWR Permit #:	
Bottom Hole Location:		(Note: Apply for Permit with DWR])
KCC DKT #			ECENTERYes No
KUC DKT #:		Will Cores be taken?	-CEMEDies - 140
RCC DRT #:		Will Cores be taken? If Yes, proposed zone: Not at this time KANSAS CORE	ECEIVED Ses No PORATION COMMISSION
NOC DRT #:		If Yes, proposed zone: Not at this time KANSAS CORF	PORATION COMMISSION
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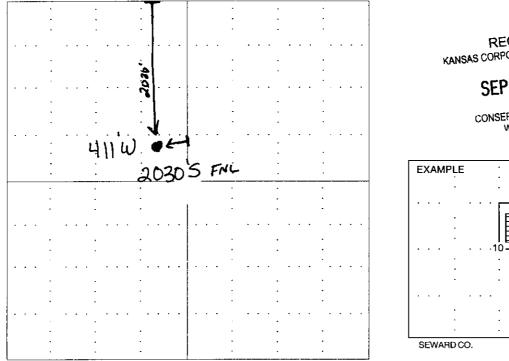
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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 - 12 1-28495-000	Location of Well: County: Miami
Operator: Heartland Oil and Gas Corporation	2030 feet fromN / ✓ S Line of Section
Lease: Menefee	411 feet from E / 📝 W Line of Section
Well Number: _22-2	Sec. 02 Twp. 18S S. R. 24 ✓ East Wes
Field: Jake	
Number of Acres attributable to well: 40 acre spacing QTR / QTR / QTR of acreage: SE - SE - NW	Is Section: Regular or Irregular If Section is Irregular, locate well from nearest corner boundary.
•	Section corner used: NE NW SE SW

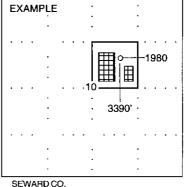
PLAT (Show location of the well and shade attributable acreage for prorated or spaced wells.) (Show footage to the nearest lease or unit boundary line.)



RECEIVED KANSAS CORPORATION COMMISSION

SEP 0 4 2007

CONSERVATION DIVISION WICHITA, KS



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).

FROM:

FAX NO. :

Aug. 31 2007 01:04PM P3

RECEIVED *ANSAS CORPORATION COMMISSION

LEASE NAME: MENEFEE 22 - 2

SEP 0 4 2007

SECTION 2, TOWNSHIP 18 SOUTH, RANGE 24 EAST OF THE SIXTH PRINCIPAL MERIDIAN, MIAMI COUNTY, KANSAS. 15-121-28495-000

CONSERVATION DIVISION WICHITA, KS

N.E. CORNER N.W. CORNER N.W. QUARTER SEC. 2-18-24 FD 1/2" IRON BAR N.W. QUARTER SEC. 2-18-24 FD 1/2" IRON BAR 335TH STREET ORIGIN UNKNOWN ORIGIN UNKNOWN N 87-45'-53" 2678.70" M.W. 1/4 SEC. 2-18-24 01--57'-12" E 2415.05 MENEFEE 22 - 2 LAT (N) 38"-30"-51.2" LONG (W) 94"-43"-28.4" 중 (2035.56' GLO) GROUND ELEVATION 988.40' +/-2431.39 S.W. CORNER Scale: 1" = 1000" N.E. CORNER N.W. QUARTER S.W. QUARTER SEC. 2-18-24 FD 1/2" IRON BAR ORIGIN UNKNOWN 2-18-24 SPLIT SEC. CALC. 5048.60 385 +/-≥ 01'-58'-26" 2609.00 E 1/2 W. 1/2 5.W 1/4 s.W 1/4 S.E. CORNER S.W. QUARTER SEC. 2-18-24 CALC. SPLIT 2667.14" CALC. SPLIT 1333.57 5 87-11'-33" W 5354.27" S.E. CORNER S.E. QUARTER 343RD STREET SEC. 2-18-24 FD 1/2" IRON BAR S.W. CORNER S.W. QUARTER ORIGIN UNKNOWN SEC. 2-18-24 FD 1/2" IRON BAR

NOTES:

THIS SURVEY DOES NOT CERTIFY OWNERSHIP

ALL DISTANCE SHOWN ARE MEASURED UNLESS OTHERWISE NOTED.

ORIGÍN UNKNOWN

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 and 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.: Menefee 22-2			Pit Location (QQQQ):			
Type of Pit:	Pit is:		<u>SE _ SE _ NW</u>			
Emergency Pit Burn Pit	✓ Proposed Existing		Sec. 02 Twp. 18S R. 24			
Settling Pit	If Existing, date constructed:		2030 Feet from North / South Line of Section			
Workover Pit Haul-Off Pit	Pit capacity: 400 (bbls)		4+1 2229 ————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 Ao			Chloride concentration: mg/l			
			(For Emergency Pits and Settling Pits only)			
Is the bottom below ground level? Yes No	Artificial Liner? ☐ Yes ✓ No		How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits):	Length (fe	eet) 12	Width (feet) N/A: Steel Pits			
Depth fr	om ground level to de	eepest point:	6(feet)			
material, thickness and installation procedure).	liner integrity, i	edures for periodic maintenange ans de experimenton commission including any special monitoring. SEP 0 4 2007 CONSERVATION DIVISION WICHITA, KS			
Distance to nearest water well within one-mile	e of pit	Depth to shallo Source of infor	west fresh waterfeet. mation:			
feet Depth of water wellfeet		measu	redwell owner electric log KDWR			
Emergency, Settling and Burn Pits ONLY:		T	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				
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No		doze pits in. Also reseed area. 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.						
8-31-07 Delening						
Date		S	ignature of Applicant or Agent			
KCC OFFICE USE ONLY						
Date Received: 9/4/67 Permit Number: Permit Date: 9/4/67 Lease Inspection: Yes No						