

For KCC Use: 2-15-2012
Effective Date: 4
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

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

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form.

Expected Spud Date: 2/18/2012
month day year

OPERATOR: License# 33625
Name: Hertel Oil Company, LLC
Address 1: 704 Est 12th Street
Address 2: _____
City: Hays State: KS Zip: 67801 + _____
Contact Person: David Hertel
Phone: (785) 628-2445
CONTRACTOR: License# 31548
Name: Discovery Drilling Co., Inc.

Well Drilled For: ☒ Oil ☐ Gas ☐ Enh Rec ☐ Storage ☐ Disposal ☐ Seismic; # of Holes _____ ☐ Other: _____
Well Class: ☐ Infield ☐ Pool Ext. ☒ Wildcat ☐ Other _____
Type Equipment: ☒ Mud Rotary ☐ Air Rotary ☐ Cable
☐ 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 #: _____

Spot Description: 210'S & 100'W of
SE NW NE Sec. 13 Twp. 15 S. R. 19 ☐ E ☒ W
(a/a/a/a) 1,200 feet from ☒ N / ☐ S Line of Section
1,750 feet from ☒ E / ☐ W Line of Section
Is SECTION: ☒ Regular ☐ Irregular?

(Note: Locate well on the Section Plat on reverse side)

County: Ellis
Lease Name: Wolf Well #: 2
Field Name: Wildcat Dechant South
Is this a Prorated / Spaced Field? ☐ Yes ☒ No
Target Formation(s): LKC & Arbuckle
Nearest Lease or unit boundary line (in footage): 890
Ground Surface Elevation: 2031 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: 180
Depth to bottom of usable water: 790, 480
Surface Pipe by Alternate: ☐ I ☒ II
Length of Surface Pipe Planned to be set: 200
Length of Conductor Pipe (if any): 0
Projected Total Depth: 3800
Formation at Total Depth: Arbuckle
Water Source for Drilling Operations: ☐ Well ☒ Farm Pond ☐ Other: _____
DWR Permit #: _____
(Note: Apply for Permit with DWR ☒
Will Cores be taken? ☐ Yes ☒ No
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 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: 2/5/2012 Signature of Operator or Agent: _____ Title: Agent

For KCC Use ONLY

API # 15 - 051-26267-00-00
Conductor pipe required None feet
Minimum surface pipe required 200 feet per ALT. ☐ I ☒ II
Approved by Mus 2-10-2012
This authorization expires: 2-10-2013
(This authorization void if drilling not started within 12 months of approval date.)
Spud date: _____ Agent: _____

Remember to:

- File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;
- 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 (within 60 days);
- Obtain written approval before disposing or injecting salt water.
- If well will not be drilled or permit has expired (See: authorized expiration date) please check the box below and return to the address below.

☐ Well will not be drilled or Permit Expired Date: _____
Signature of Operator or Agent: _____

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

RECEIVED
FEB 10 2012
KCC WICHITA

13
15
19
☐ E
☒ W

For KCC Use ONLY

API # 15 - D51-26267-0000**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: Hertel Oil Company, LLCLease: WolfWell Number: 2Field: Wildcat

Number of Acres attributable to well: _____

QTR/QTR/QTR/QTR of acreage: _____ - SE - NW - NE

Location of Well: County: Ellis1,200

feet from

☒ N

/

☐ S

Line of Section

1,750

feet from

☒ E

/

☐ W

Line of Section

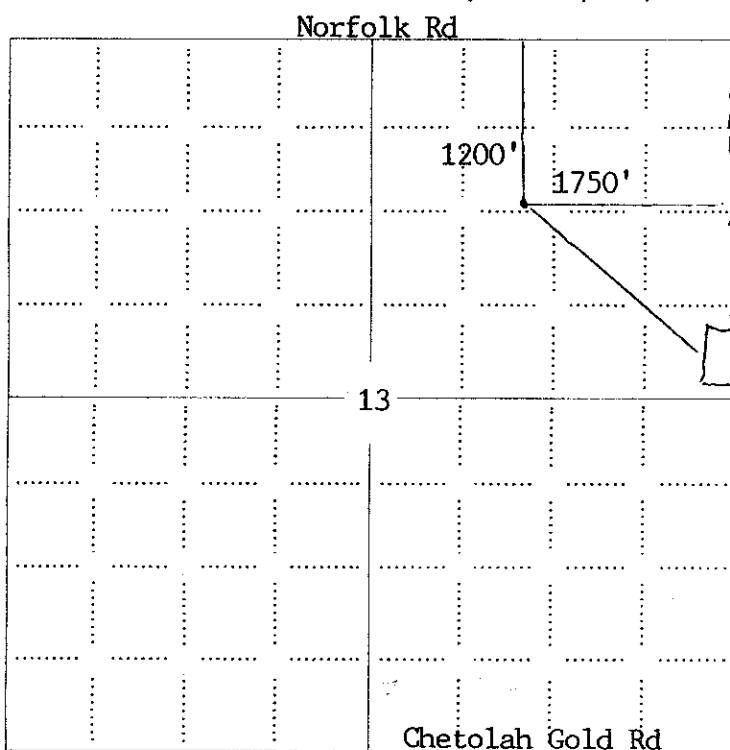
Sec. 13Twp. 15S. R. 19☐ E☒ WIs Section: ☒ Regular or ☐ Irregular

If Section is Irregular, locate well from nearest corner boundary.

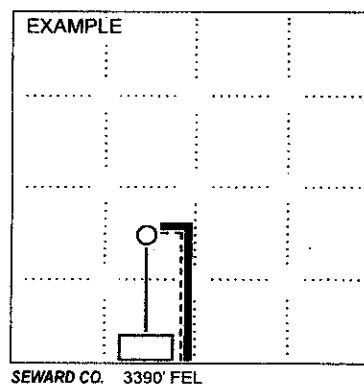
Section corner used: ☐ NE ☐ NW ☐ SE ☐ SW**PLAT**

Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032).

You may attach a separate plat if desired.

**LEGEND**

- ☐ Well Location
- ☐ Tank Battery Location
- ☐ Pipeline Location
- ☐ Electric Line Location
- ☐ Lease Road Location

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

Ellis Co., KS

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

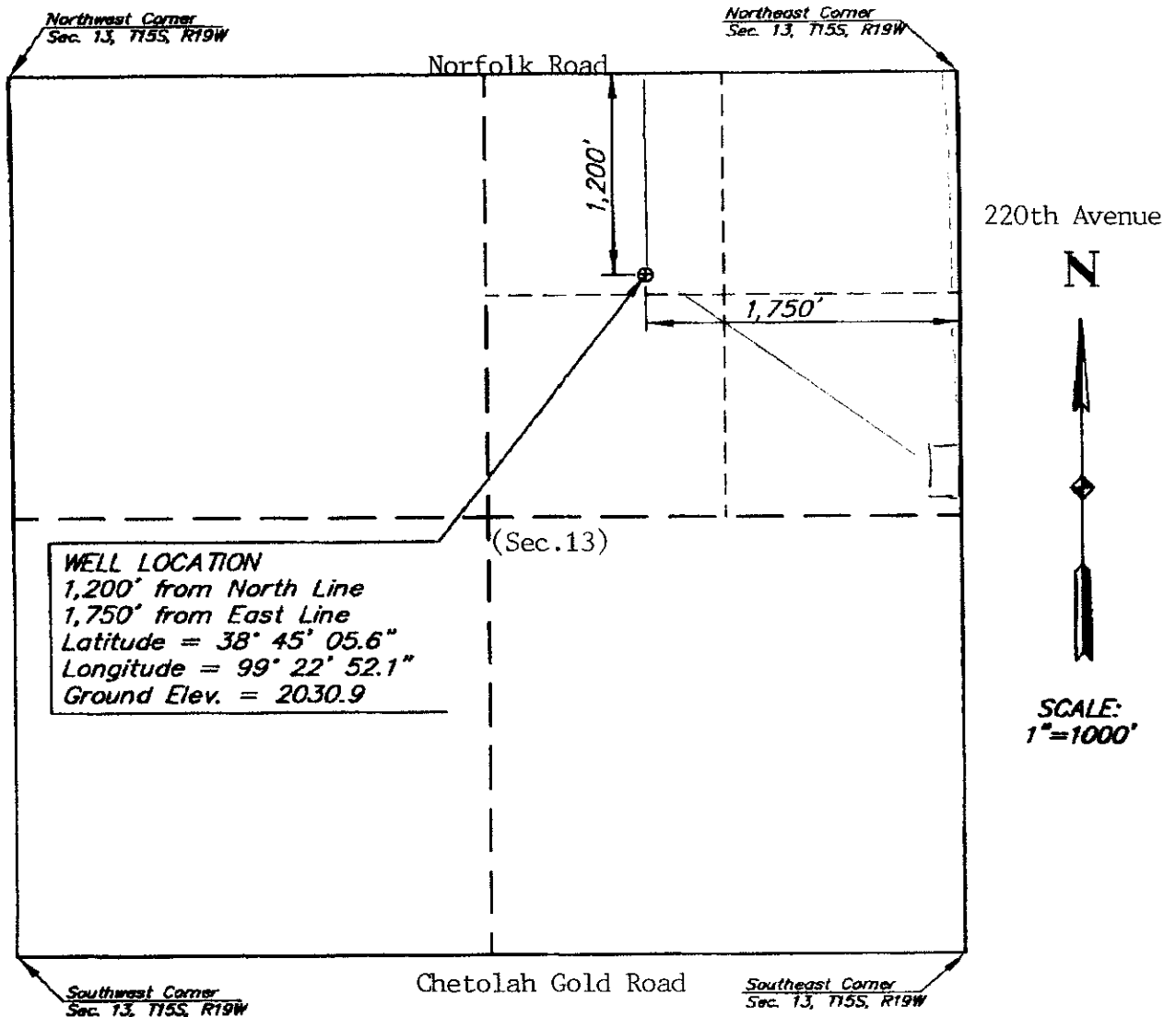
- The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
- The distance of the proposed drilling location from the south / north and east / west outside section lines.
- The distance to the nearest lease 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: (CO-7 for oil wells; CG-8 for gas wells).
- The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

15-051-26267-0000

OIL WELL LOCATION

WOLF LEASE (Wolf # 2)
NW QTR. OF THE NE QTR. SECTION 13, T15S, R19W
ELLIS COUNTY, KANSAS

Hertel Oil Company, LLC



For
Hertel
Oil

**RUDER ENGINEERING
& SURVEYING, LLC**

1376 Butterfield Trail Rd.
Hays, Kansas 67601
785-259-1382

RECEIVED
FEB 10 2012
KCC WICHITA

Well Staked on January 23, 2012

15-051-26 267-0000

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.

Select the corresponding form being filed: ☒ C-1 (Intent) ☐ CB-1 (Cathodic Protection Borehole Intent) ☐ T-1 (Transfer) ☐ CP-1 (Plugging Application)

OPERATOR: License # 33625
Name: Hertel Oil Company, LLC
Address 1: 704 Est 12th Street
Address 2: _____
City: Hays State: KS Zip: 67601 + _____
Contact Person: David Hertel
Phone: (785) 628-2445 Fax: (_____) _____
Email Address: _____

Well Location: _____
SE NW NE Sec. 13 Twp. 15 S. R. 19 ☐ East ☒ West
County: Ellis
Lease Name: Wolf Well #: 2

If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

Surface Owner Information:

Name: Laverne P Wolf
Address 1: 496 240th Avenue
Address 2: _____
City: Hays State: KS Zip: 67601 + _____

When filing a Form T-1 involving multiple surface owners, attach an additional 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 county, and in the real estate property tax records of the county treasurer.

If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

Select one of the following:

- ☒ I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- ☐ I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Date: 2/5/2012 Signature of Operator or Agent: [Signature] Title: Agent

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

Form CDP-1
May 2010
Form must be Typed

Submit in Duplicate

Operator Name: Hertel Oil Company, LLC		License Number: 33625	
Operator Address: 704 Est 12th Street		Hays KS 67601	
Contact Person: David Hertel		Phone Number: (785) 628-2445	
Lease Name & Well No.: Wolf 2		Pit Location (QQQQ): <div style="text-align: center;"> <u>SE</u> <u>NW</u> <u>NE</u> </div> Sec. <u>13</u> Twp. <u>15</u> R. <u>19</u> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <u>1,200</u> Feet from <input checked="" type="checkbox"/> North / <input type="checkbox"/> South Line of Section <u>1,750</u> Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section <u>Ellis</u> County	
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: <u>3,000</u> (bbls)	
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? Sealed with clay soil, native and fresh mud.			
Pit dimensions (all but working pits): <u>70</u> Length (feet) <u>70</u> Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: <u>5</u> (feet) <input type="checkbox"/> No Pit			
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>3187</u> feet Depth of water well <u>54</u> feet		Depth to shallowest fresh water <u>42</u> feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input checked="" type="checkbox"/> KDWR	
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>Fresh Mud</u> Number of working pits to be utilized: <u>3</u> Abandonment procedure: <u>Allow liquid contents to evaporate, let cuttings dry and backfill.</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. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div> <u>2/5/2012</u> Date </div> <div> Signature of Applicant or Agent </div> <div style="text-align: right;"> RECEIVED FEB 10 2012 KCC WICHITA </div> </div>			

15-051-26267-0000

KCC OFFICE USE ONLY			
		<input type="checkbox"/> Liner	<input type="checkbox"/> Steel Pit
		<input type="checkbox"/> RFAC	<input type="checkbox"/> RFAS
Date Received: <u>2-10-12</u>	Permit Number: _____	Permit Date: <u>2-10-12</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