

RECEIVED

JAN 12 2012

Form C-1
March 2010

Form must be Typed
Form must be Signed
All blanks must be Filled

For KCC Use: 1-17-2012
Effective Date: 1-17-2012
District #: 3
SGA? Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

NOTICE OF INTENT TO DRILL KCC WICHITA

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: 02/01/12
month day year

Spot Description:
SW - SE - NE - SW Sec. 35 Twp. 19 S. R. 24 E W
(0.0/0.0) 1,623 feet from N / S Line of Section
3,156 feet from E / W Line of Section

Is SECTION: Regular Irregular?

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

County: Linn

Lease Name: Quarry Well #: W-2

Field Name: LaCygne - Cadmus

Is this a Prorated / Spaced Field? Yes No

Target Formation(s): Squirrel

Nearest Lease or unit boundary line (in footage): 300

Ground Surface Elevation: 810 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: 80

Depth to bottom of usable water: 150

Surface Pipe by Alternate: I II

Length of Surface Pipe Planned to be set: 20

Length of Conductor Pipe (if any):

Projected Total Depth: 250

Formation at Total Depth: Squirrel

Water Source for Drilling Operations: Well Farm Pond Other: Haul

DWR Permit #: (Note: Apply for Permit with DWR)

Will Cores be taken? Yes No

If Yes, proposed zone:

OPERATOR: License# 34551
Name: Thunderbolt Construction Corp
Address 1: 201 S 11th St
Address 2:
City: Louisburg State: Ks Zip: 66053
Contact Person: Thorvald McKiearnan
Phone: 913-709-7090
CONTRACTOR: License# 33715
Name: Town Oilfield Services

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

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: 1/12/12 Signature of Operator or Agent: Thorvald McKiearnan Title: Pres

For KCC Use ONLY
API # 15 - 107-24564-0000
Conductor pipe required None feet
Minimum surface pipe required 20 feet per ALT. I II
Approved by: Jan 12 2012
This authorization expires: 1-12-2013
(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 GDP-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

JAN 05 2012

KCC WICHITA

35 19 24 E W

For KCC Use ONLY

API # 15 - 107-24564000

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: Thunderbolt Construction Corp

Lease: Quarry

Well Number: W-2

Field: LaCygne - Cadmus

Location of Well: County: Linn

1,623 feet from N / S Line of Section

3,156 feet from E / W Line of Section

Sec. 35 Twp. 19 S. R. 24 E W

Number of Acres attributable to well:

QTR/QTR/QTR/QTR of acreage: SW - SE - NE - SW

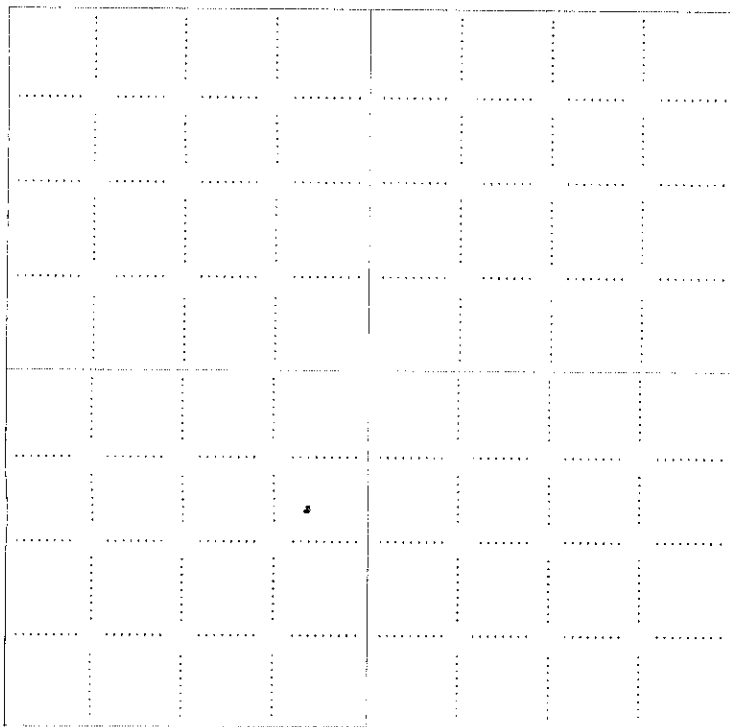
Is Section: Regular or Irregular

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

Section corner used: NE NW SE SW

PLAT

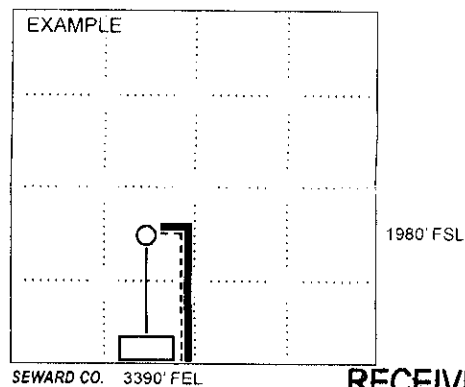
Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.



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

LEGEND

- Well Location (circle)
Tank Battery Location (rectangle)
Pipeline Location (solid line)
Electric Line Location (dashed line)
Lease Road Location (thick solid line)



RECEIVED

JAN 12 2012

KCC WICHITA

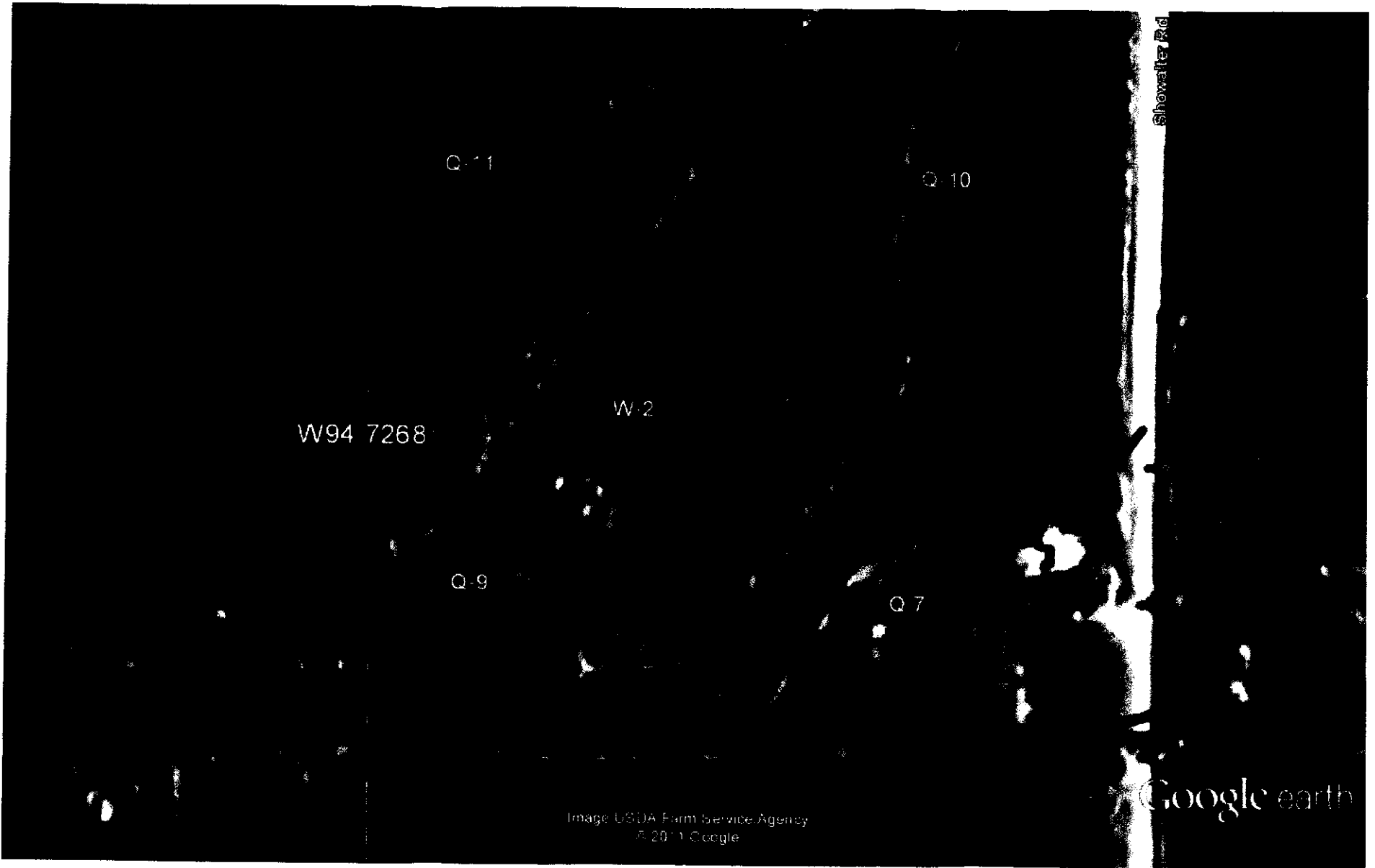
RECEIVED

JAN 05 2012

KCC WICHITA

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 south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
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).
5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.



Google earth

feet
meters



200
700



15-107-24564-000 KCC WICHITA

JAN 12 2012

RECEIVED

RECEIVED

JAN 05 2012

KCC WICHITA

15-107-24564-0000

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 # 34551
Name: Thunderbolt Construction Corp
Address 1: 201 S 11th St
Address 2:
City: Louisburg State: Ks Zip: 66053
Contact Person: Thorvald McKiernan
Phone: (913) 709-7090 Fax: (913) 837-8492
Email Address: tbcc@mokancomm.net

Well Location:
SW SE NE sw Sec. 35 Twp. 19 S. R. 24 East West
County: Linn
Lease Name: Query Well #: W-2

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

RECEIVED

JAN 12 2012

KCC WICHITA

Surface Owner Information:

Name: Scott Query
Address 1: 22274
Address 2:
City: La Cygne State: KS Zip: 66040

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: 1-2-12 Signature of Operator or Agent: *Thorvald McKiernan* Title: Pres

RECEIVED

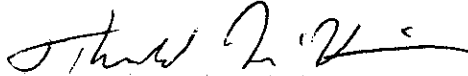
JAN 05 2012

KCC WICHITA

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: Thunderbolt Construction Corp		License Number: 34551	
Operator Address: 201 S 11th St		Louisburg Ks 66053	
Contact Person: Thorvald McKiearnan		Phone Number: 913-709-7090	
Lease Name & Well No.: Query W-2		Pit Location (QQQQ): SW SE NE SW	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Workover 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: <small>(bbls)</small>	Sec. 35 Twp. 19 R. 24 <input checked="" type="checkbox"/> East <input type="checkbox"/> West 1,623 Feet from North / <input checked="" type="checkbox"/> South Line of Section 3,156 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Linn County	
Is the pit located in a Sensitive Ground Water Area? <input checked="" 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? Native Clay	
Pit dimensions (all but working pits): 14 Length (feet) 10 Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: 6 (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. RECEIVED JAN 12 2012 KCC WICHITA	
Distance to nearest water well within one-mile of pit: N/A feet Depth of water well _____ feet	Depth to shallowest fresh water: _____ 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: Drilling Mud Number of working pits to be utilized: 1 Abandonment procedure: Remove Fluids & Backfill 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. 01/02/12 Date		Signature of Applicant or Agent  RECEIVED JAN 05 2012 KCC WICHITA	

15-107-24564-0000

KCC OFFICE USE ONLY			
Date Received: 1-12-12	Permit Number: _____	Permit Date: 1-12-12	Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		Liner <input type="checkbox"/> Steel Pit <input checked="" type="checkbox"/> RFAC <input type="checkbox"/> RFAS	

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

January 12, 2012

Thunderbolt Construction Corp.
201 S. 11th St.
Louisburg, KS 66053

RE: Drilling Pit Application
Query Lease Well No. W-2
SW/4 Sec. 35-19S-24E
Linn County, Kansas

Dear Sir or Madam:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed **without slots**, the bottom shall be flat and reasonably level, and the free fluids must be removed. The fluids are to be removed from the reserve pit immediately after drilling operations have ceased.

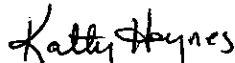
If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.

The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 432-2300 when the fluids have been removed. Please file form CDP-5 (August 2004), Exploration and Production Waste Transfer, within 30 days of fluid removal. Conservation division forms are available through our office and on the KCC web site:
www.kcc.state.ks.us/conservation/forms.

A copy of this letter should be posted in the doghouse along with the approved Intent to Drill.

If you have any questions or concerns please feel free to contact the undersigned at the above address.

Sincerely,



Kathy Haynes
Environmental Protection and Remediation Department

cc: File