

For KCC Use:  
Effective Date: 5-28-2011  
District #: 4  
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: November 30 2010  
month day year

OPERATOR: License# 5249  
Name: Osborn Heirs Company  
Address 1: P.O. Box 17968  
Address 2: \_\_\_\_\_  
City: San Antonio State: Tx Zip: 78217 + \_\_\_\_\_  
Contact Person: Don Wadsworth  
Phone: 210-826-0700

CONTRACTOR: License# Must be licensed by KCC  
Name: To be determined Advise on ACO-1

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: \_\_\_\_\_

\* KCC DKT #: 11-cons-055-cwle

Spot Description: \_\_\_\_\_  
NW/4 - SW/4 - SE/4 - NE/4 Sec. 11 Twp. 18 S. R. 12 ☐ E ☒ W  
(or 1/4) 2,160 feet from ☒ N / ☐ S Line of Section  
1,300 feet from ☒ E / ☐ W Line of Section

Is SECTION: ☒ Regular ☐ Irregular?

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

County: Barton  
Lease Name: Kinzel Well #: 12  
Field Name: Kinzel  
Is this a Prorated / Spaced Field? ☐ Yes ☒ No  
Target Formation(s): Lansing, Arbuckle

\* Nearest Lease or unit boundary line (in footage): 20 ft  
Ground Surface Elevation: 1,806 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: 260'

Surface Pipe by Alternate: ☒ ☐ II

Length of Surface Pipe Planned to be set: 350'

Length of Conductor Pipe (if any): N/A

Projected Total Depth: 3,500'

Formation at Total Depth: Arbuckle

Water Source for Drilling Operations: ☐ Well ☐ Farm Pond ☒ Other: hauling

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: August 13, 2010 Signature of Operator or Agent: Don Wadsworth Title: VP Land & Exploration

For KCC Use ONLY  
API # 15 - 009-255640000  
Conductor pipe required None feet  
Minimum surface pipe required 280 feet per ALT. ☒ I ☐ II  
Approved by: 5-23-2011  
This authorization expires: 5-23-2012  
(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: August 13, 2010  
Signature of Operator or Agent: Don Wadsworth

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

For KCC Use ONLY

API # 15 -

009-25564-00-00

RECEIVED  
KANSAS CORPORATION COMMISSION

## IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

SEP 30 2010

LEGAL SECTION

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator: Osborn Heirs Company

Lease: Kinzel

Well Number: 12

Field: Tritsch

Number of Acres attributable to well: 10

QTR/QTR/QTR/QTR of acreage: NW/4 - SW/4 - SE/4 - NE/4

Location of Well: County: Barton

2,160 feet from ☒ N / ☐ S Line of Section1,300 feet from ☒ E / ☐ W Line of SectionSec. 11 Twp. 18 S. R. 12 ☐ E ☒ WIs Section: ☒ Regular or ☐ Irregular

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

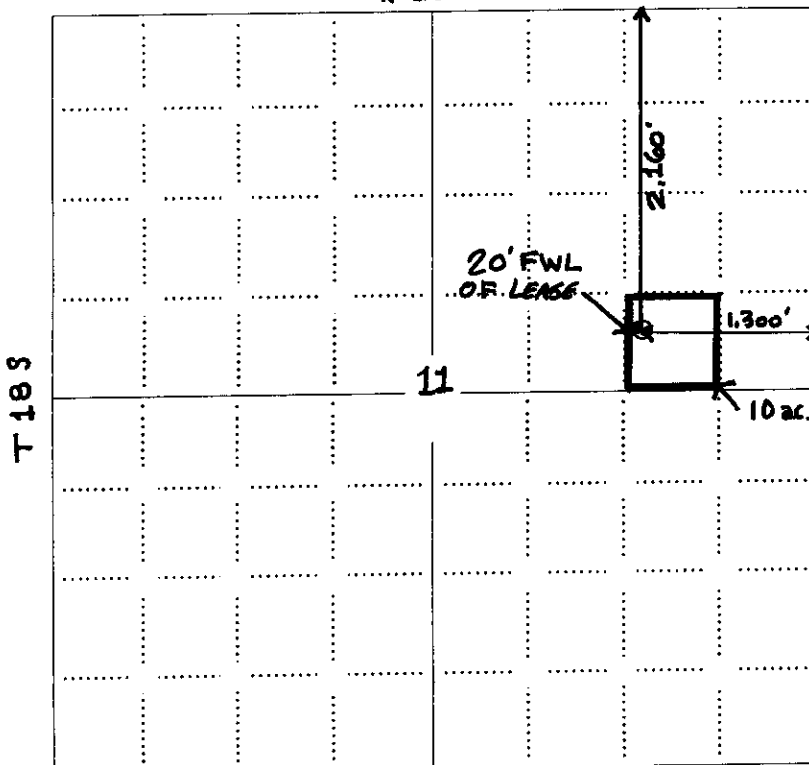
Section corner used: ☐ NE ☐ NW ☐ SE ☐ SW

## 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.

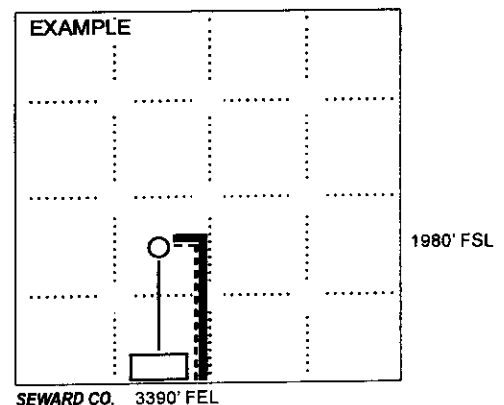
R 12 W



## LEGEND

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

## EXAMPLE



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

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: (C0-7 for oil wells; CG-8 for gas wells).
- The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

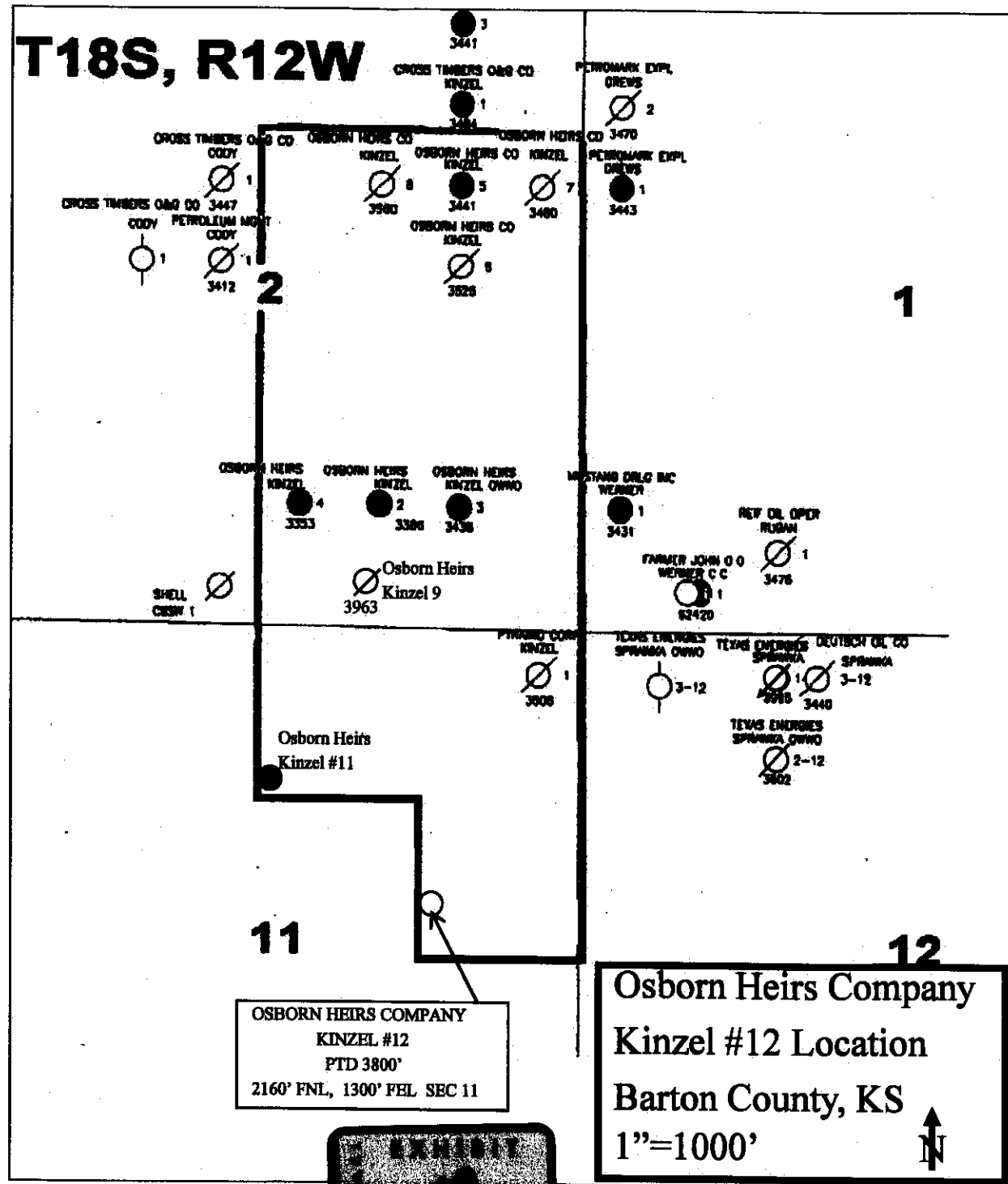
RECEIVED  
KANSAS CORPORATION COMMISSION

SEP 30 2010

LEGAL SECTION

15009-25564-0000

Knizel #12  
loc  
plat(before  
surveyors)



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**

15009-25569-0000

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 # 5249  
Name: Osborn Heirs Company  
Address 1: P.O. Box 17968  
Address 2:  
City: San Antonio State: Tx Zip: 78217 +  
Contact Person: Don Wadsworth  
Phone: ( 210 ) 826-0700 Fax: ( 210 ) 826-7559  
Email Address: donw@osbornheirs.com

Well Location:  
NW/4 SW/4 SE/4 NE/4 Sec. 11 Twp. 18 S. R. 12 ☐ East ☒ West  
County: Barton  
Lease Name: Kinzel Well #: 12

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

**Surface Owner Information:**

Name: Michael Kinzel  
Address 1: 1001 NE 90 Ave.  
Address 2:  
City: Claflin State: KS Zip: 67525 + 9154

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.

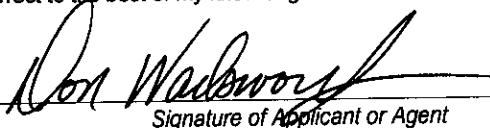
I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Date: August 13, 2010 Signature of Operator or Agent: Don Wadsworth Title: VP Land & Exploration

APPLICATION FOR SURFACE PIT

LEGAL SECTION

Submit in Duplicate

Operator Name: Osborn Heirs Company		License Number: 5249	
Operator Address: P.O. Box 17968		San Antonio Tx 78217	
Contact Person: Don Wadsworth		Phone Number: 210-826-0700	
Lease Name & Well No.: Kinzel 12		Pit Location (QQQQ): NW/4 - SW/4 - SE/4 - NE/4 Sec. 11 Twp. 18 R. 12 <input type="checkbox"/> East <input checked="" type="checkbox"/> West 2,160 Feet from <input checked="" type="checkbox"/> North / <input type="checkbox"/> South Line of Section 1,300 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Barton 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 (If WP Supply API No. or Year Drilled)		Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: 4,300 (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chloride concentration: _____ mg/l (For Emergency Pits and Settling Pits only)	
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? Bentonitic clay in drilling fluid			
Pit dimensions (all but working pits): 80 Length (feet) 100 Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: 3 (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: 1,240 feet Depth of water well 200 feet		Depth to shallowest fresh water 100 feet. Source of information: <input type="checkbox"/> measured <input checked="" type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> KDWR	
<b>Emergency, Settling and Burn Pits ONLY:</b> 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		<b>Drilling, Workover and Haul-Off Pits ONLY:</b> Type of material utilized in drilling/workover: fresh water mud Number of working pits to be utilized: 3 Abandonment procedure: Allow pit to evaporate and backfill. Recontour to original topography. 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.			
August 13, 2010 Date		 Signature of Applicant or Agent	

KCC OFFICE USE ONLY

☐ Liner ☐ Steel Pit ☒ RFAC ☐ RFAS  
 Date Received: 5/19/11 Permit Number: \_\_\_\_\_ Permit Date: 5-23-11 Lease Inspection: ☒ Yes ☐ No

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

15-009-25564-0520

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



phone: 316-337-6200  
fax: 316-337-6211  
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman  
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

May 23, 2011

Osborn Heirs Company  
PO Box 17968  
San Antonio, TX 78217

RE: Drilling Pit Application  
Kinzel Lease Well No. 12  
NE/4 Sec. 11-18S-12W  
Barton 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 as soon as practical after drilling operations have ceased. **Keep pits away from any drainage.**

**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 (785) 625-0550 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](http://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: district