

RECEIVED

JUN 26 2012

Form C-1  
March 2010

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

For KCC Use:  
Effective Date: 7-1-2012  
District # \_\_\_\_\_  
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: 7/09/12  
month day year

OPERATOR: License# 32119  
Name: Northern Natural Gas  
Address 1: 1111 South 103rd Street  
Address 2: \_\_\_\_\_  
City: Omaha State: NE Zip: 68124 + \_\_\_\_\_  
Contact Person: Michael Loeffler  
Phone: 402-398-7103  
CONTRACTOR: License# 34541  
Name: Ninescah Drilling, LLC

Spot Description:  
NW - NW - NW - NW Sec. 1 Twp. 27 S. R. 11  E  W  
(a/a/a/a) 190 feet from  N /  S Line of Section  
845 feet from  E /  W Line of Section  
Is SECTION:  Regular  Irregular?

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

County: Pratt  
Lease Name: WIW Well #: 1  
Field Name: None  
Is this a Prorated / Spaced Field?  Yes  No  
Target Formation(s): Viola  
Nearest Lease or unit boundary line (in footage): 190  
Ground Surface Elevation: 1764 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: 155  
Depth to bottom of usable water: 155  
Surface Pipe by Alternate:  I  II  
Length of Surface Pipe Planned to be set: 13 3/8" @ 175' & 9 5/8" @ 1800  
Length of Conductor Pipe (if any): none  
Projected Total Depth: 4350  
Formation at Total Depth: Viola  
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: \_\_\_\_\_

Well Drilled For: Well Class: Type Equipment:

Oil  Enh Rec  Infield  Mud Rotary  
 Gas  Storage  Pool Ext.  Air Rotary  
 Disposal  Wildcat  Cable  
 Seismic; # of Holes \_\_\_\_\_  Other  
 Other: Pressure Observation

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 #: \_\_\_\_\_

\* Gas Storage Area - BOP Required

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: 6-25-12 Signature of Operator or Agent: Jason Goss Title: Consulting Engineer

For KCC Use ONLY  
API # 15 - 151-22396-0000  
Conductor pipe required None feet  
Minimum surface pipe required 175 feet per ALT.  I  II  
Approved by: Ruth 6-26-2012  
This authorization expires: 6-26-2013  
(This authorization void if drilling not started within 12 months of approval date.)  
Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

Remember to: (405) 830-8365

- 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

1  
27  
11  
  
  
W

For KCC Use ONLY  
API # 15 - 151-22396-0000

**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: Northern Natural Gas  
Lease: WIW  
Well Number: 1  
Field: None  
Number of Acres attributable to well:  
QTR/QTR/QTR/QTR of acreage: NW - NW - -

Location of Well: County: Pratt  
190 feet from  N /  S Line of Section  
845 feet from  E /  W Line of Section  
Sec. 1 Twp. 27 S. R. 11  E  W

Is Section:  Regular or  Irregular

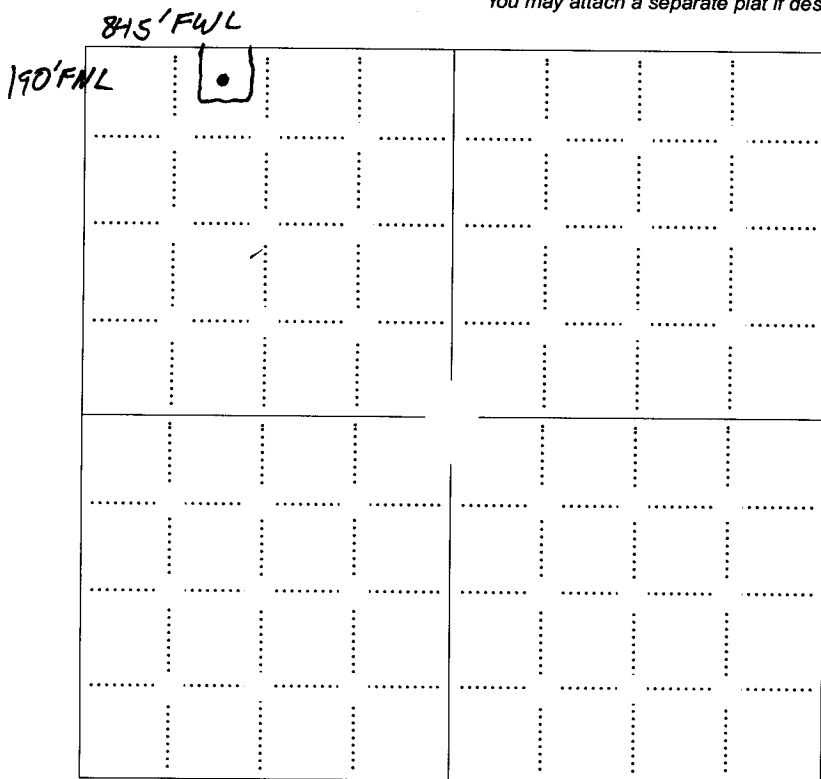
If Section is Irregular, locate well from nearest corner boundary.

Section corner used:  NE  NW  SE  SW

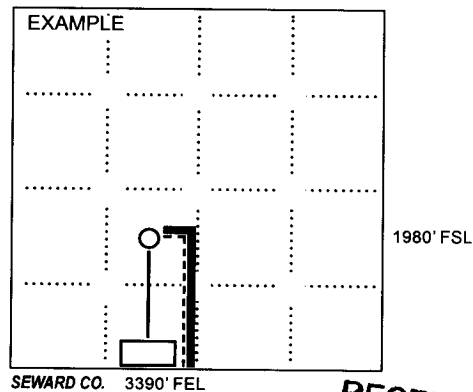
**PLAT**

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.



- 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.

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

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KCC WICHITA

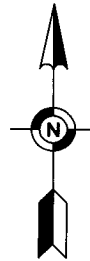
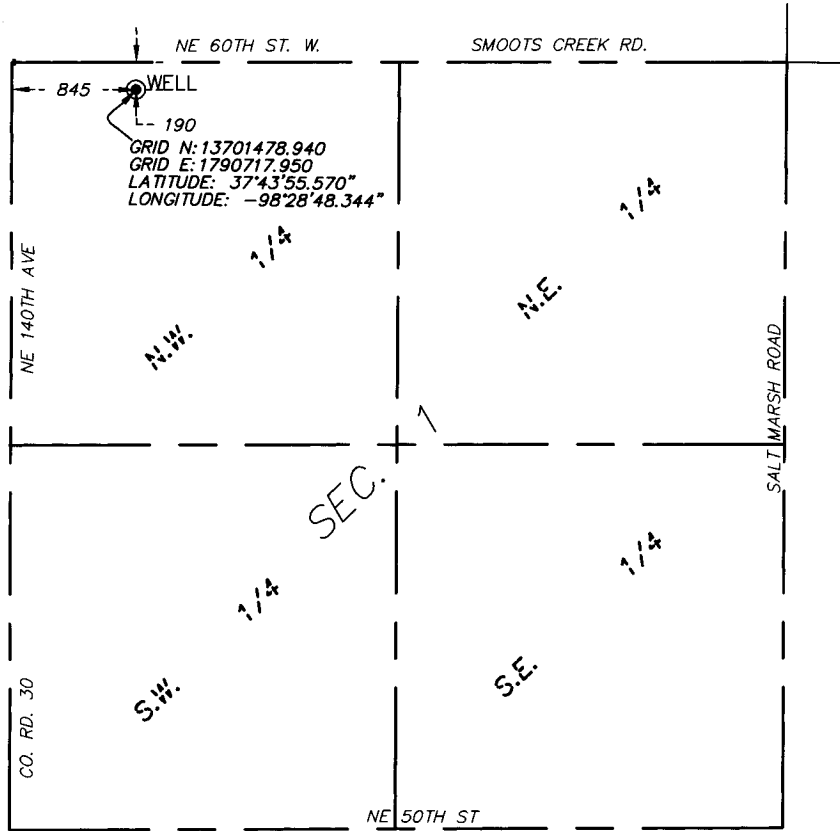
15-151-22396-0000

# WELL LOCATION EXHIBIT

-FOR-



845 FEET FROM THE WEST LINE & 190 FEET FROM THE NORTH LINE OF THE NW1/4 OF SECTION 1, TOWNSHIP 27 S, RANGE 11 W, PRATT COUNTY, KANSAS



SCALE IN FEET  
 Bearings based on  
 NAD 83, UTM 14,  
 Central Meridian,  
 99d W grid system

*Topography and Vegetation:* Located in Agricultural Land.

*Best Access Location:* Smoots Creek Rd. (NE 60th St.) along the north line of Section 1.

*Level Drill Site:* Yes

*Reference Stake or Alternative Location Stake Set:* None

*Location from nearest Highway or Town:* 3.5 miles east of Preston along NE 80th St., thence south 2.0 miles along NE 140th Ave., thence east 0.15 miles along NE 60th St. to site access south.

*The location of the well site referenced to the section lines as shown on this exhibit is based on field locations and information provided by Pratt County.*

*Aerial photography as shown on this survey is approximate.*

Elevation At Well Stake = 1764.2 Feet (NAVD 88)

UTM 14 Coordinates  
 GRID N: 13701478.94  
 GRID E: 1790717.95

NAD-83  
 LATITUDE: 37°43'55.570"  
 LONGITUDE: -98°28'48.344"

Date of survey: June 14, 2012  
 Date of signature: June 21, 2012

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 JUN 26 2012  
 KCC WICHITA

OMH-NNG2/20



13057 West Center Road, Suite 4  
 Omaha, Nebraska 68144  
 PHONE: (402) 932-5352  
 FAX: (402) 932-5474  
 WWW.EFNSURVEY.COM  
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845 FEET FROM THE WEST LINE & 190 FEET FROM THE NORTH LINE OF THE NW1/4 OF SECTION 1, TOWNSHIP 27 S, RANGE 11 W, PRATT COUNTY, KANSAS



FILE NO. 01093332

SHEET 2 OF 4

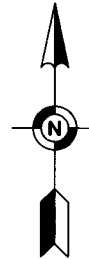
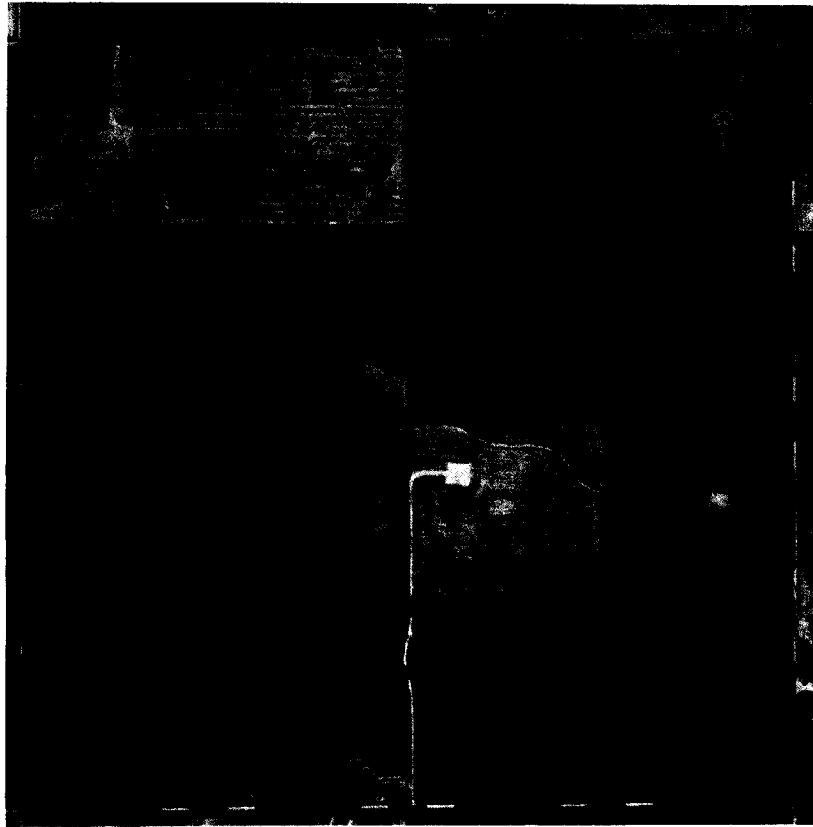
15-151-22396-0000

# WELL LOCATION EXHIBIT

-FOR-



845 FEET FROM THE WEST LINE & 190 FEET FROM THE NORTH LINE OF THE NW1/4 OF SECTION 1, TOWNSHIP 27 S, RANGE 11 W, PRATT COUNTY, KANSAS



SCALE IN FEET  
Bearings based on  
NAD 83, UTM 14,  
Central Meridian,  
99d W grid system

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*Level Drill Site:* Yes

*Reference Stake or Alternative Location Stake Set:* None

*Location from nearest Highway or Town:* 3.5 miles east of Preston along NE 80th St., thence south 2.0 miles along NE 140th Ave., thence 0.15 miles east along NE 60th St. to site access south.

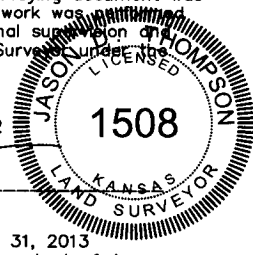
*The location of the well site referenced to the section lines as shown on this exhibit is based on field locations and information provided by Pratt County.*

*Aerial photography as shown on this survey is approximate.*

I hereby certify that this land surveying document was prepared and the related survey work was performed by me or under my direct personal supervision and that I am a duly licensed Land Surveyor under the laws of the State of Kansas.

Date of survey: June 14, 2012  
Date of signature: June 21, 2012

Jason D. Thompson  
Kansas License No. 1508  
My license renewal data is March 31, 2013  
Pages or sheets covered by this seal: 4 of 4



*Elevation At Well Stake = 1764.2 Feet (NAVD 88)*

*UTM 14 Coordinates*  
GRID N: 13701478.94  
GRID E: 1790717.95

*NAD-83*  
LATITUDE: 37°43'55.570"  
LONGITUDE: -98°28'48.344"

OMH-NNG2/20



13057 West Center Road, Suite 4  
Omaha, Nebraska 68144  
PHONE: (402) 932-5352  
FAX: (402) 932-5474  
WWW.EFNSURVEY.COM  
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845 FEET FROM THE WEST LINE & 190 FEET FROM THE NORTH LINE OF THE NW1/4 OF SECTION 1, TOWNSHIP 27 S, RANGE 11 W, PRATT COUNTY, KANSAS



FILE NO. 01093332

SHEET 1 OF 4

EFN PROJECT NO. 35235

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JUN 26 2012  
KCC WICHITA

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**

15-151-22396-0000

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 # 32119  
Name: Northern Natural Gas  
Address 1: 1111 South 103rd Street  
Address 2: \_\_\_\_\_  
City: Omaha State: NE Zip: 68124 + \_\_\_\_\_  
Contact Person: Michael Loeffler  
Phone: ( 402 ) 398-7103 Fax: ( \_\_\_\_\_ ) \_\_\_\_\_  
Email Address: \_\_\_\_\_

Well Location:  
NW NW Sec. 1 Twp. 27 S. R. 11  East  West  
County: Pratt  
Lease Name: WIW Well #: 1

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

**KSONA FEE  
PAID**

**RECEIVED  
JUN 26 2012**

**KCC WICHITA**

**Surface Owner Information:**

Name: Sonja Sue Staab  
Address 1: 18529 Walters Rd  
Address 2: \_\_\_\_\_  
City: Russell State: KS Zip: 67665 + \_\_\_\_\_

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.

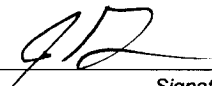
I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Date: 6/25/12 Signature of Operator or Agent: JA [Signature] Jason Goss Title: Consulting Engineer  
405-830-8365

**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: <b>Northern Natural Gas</b>		License Number: <b>32119</b>
Operator Address: <b>1111 South 103rd Street</b>		<b>Omaha NE 68124</b>
Contact Person: <b>Michael Loeffler</b>		Phone Number: <b>402-398-7103</b>
Lease Name & Well No.: <b>WIW 1</b>		Pit Location (QQQQ): <b>NW - NW - - - -</b>
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input checked="" type="checkbox"/> Haul-Off Pit <small>(If WP Supply API No. or Year Drilled)</small> Steel pits _____	Pit is: <input type="checkbox"/> Proposed <input checked="" type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	Sec. <b>1</b> Twp. <b>27</b> R. <b>11</b> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <b>190</b> Feet from <input checked="" type="checkbox"/> North / <input type="checkbox"/> South Line of Section <b>845</b> Feet from <input type="checkbox"/> East / <input checked="" type="checkbox"/> West Line of Section <b>Pratt</b> _____ 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 type="checkbox"/> Yes <input checked="" 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): _____ Length (feet)    _____ Width (feet) Depth from ground level to deepest point: _____ (feet)		<input checked="" type="checkbox"/> N/A: Steel Pits ✓ <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: _____ 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 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: _____ Number of working pits to be utilized: _____ Abandonment procedure: _____ 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>6/25/12</u> Date	 <b>Jason Goss</b> <b>405-830-8365</b> Signature of Applicant or Agent	<b>RECEIVED JUN 26 2012 KCC WICHITA</b>  15751-22396-0000

<b>KCC OFFICE USE ONLY</b>			
Date Received: <u>6-26-12</u>	Permit Number: _____	Permit Date: <u>6-26-12</u>	Lease Inspection: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Liner <input checked="" type="checkbox"/> Steel Pit <input type="checkbox"/> RFAC <input type="checkbox"/> RFAS			

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

June 26, 2012

Northern Natural Gas  
1111 South 103<sup>rd</sup> St  
Omaha, NE 68124

RE: Drilling Pit Application  
WIW Lease Well No. 1  
NW/4 Sec. 01-27S-11W  
Pratt County, Kansas

According to the drilling pit application referenced above, no earthen pits will be used at this location. Steel pits will be used. Please inform the Commission in writing as to which disposal well you utilized to dispose of the contents in the steel pits and the amount of fluid that was disposed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, within 30 days of fluid removal.

Should a haul-off pit be necessary please file form CDP-1 (May 2010), Application for Surface Pit, This location will have to be inspected prior to approval of the haul-off pit application.

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 District Office at (620) 225-8888.

# Kansas Corporation Commission Oil & Gas Conservation Division

## HAUL-OFF PIT APPLICATION FILING REQUIREMENTS

### 82-3-607. DISPOSAL OF DIKE AND PIT CONTENTS.

- (a) Each operator shall perform one of the following when disposing of dike or pit contents:
- (1) Remove the liquid contents to a disposal well or other oil and gas operation approved by the commission or to road maintenance or construction locations approved by the department;
  - (2) dispose of reserve pit waste down the annular space of a well completed according to the alternate I requirements of K.A.R. 82-3-106, if the waste to be disposed of was generated during the drilling and completion of the well; or
  - (3) dispose of the remaining solid contents in any manner required by the commission. The requirements may include any of the following:
    - (A) Burial in place, in accordance with the grading and restoration requirements in K.A.R. 82-3-602 (f);
    - (B) removal and placement of the contents in an on-site disposal area approved by the commission;
    - (C) removal and placement of the contents in an off-site disposal area on acreage owned by the same landowner or to another producing lease or unit operated by the same operator, if prior written permission from the landowner has been obtained; or
    - (D) removal of the contents to a permitted off-site disposal area approved by the department.
- (b) Each violation of this regulation shall be punishable by the following:
- (1) A \$1,000 penalty for the first violation;
  - (2) a \$2,500 penalty for the second violation; and
  - (3) a \$5,000 penalty and an operator license review for the third violation.

### **Complete and return with Haul-Off Pit Application, Form CDP1(2004)**

Haul-off pit will be located in an on-site disposal area:  Yes  No

Haul-off pit is located in an off-site disposal area on acreage owned by the same landowner:  
 Yes  No If yes, written permission from the land owner must be obtained. Attach written permission to haul-off pit application.

Haul-off pit is located in an off-site disposal area on another **producing** lease or unit operated by the same operator:  Yes  No If yes, written permission from the land owner must be obtained. Attach permission and a copy of the lease assignment that covers the acreage where the haul-off pit is to be located, to the haul-off pit application.



June 26, 2012

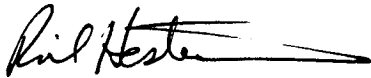
Sonja Sue Staab  
18529 Walters Rd  
Russell, KS 67665

RE: Kansas Surface Owners Notice Act

Dear Ms. Staab:

The 2009 Legislature passed House Bill 2032, known as the Kansas Surface Owners Notice Act. This Act requires the KCC to provide copies of drilling intents, operator transfers, and well plugging applications to the surface owner, if they are not provided by the lease operator. The operator has advised us they have not provided you with a copy of the attached form. Therefore, this letter and the attached form shall serve as notice of the operator's action. You do not need to respond to the KCC. Please contact the operator listed on the form if you have any questions.

Sincerely,



Rick Hestermann  
Production Department