

For KCC Use: 7-1-2012
 Effective Date: _____
 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: 7/09/12
 month day year

Spot Description: North footage is from 1/4 section, see attached plat *Must measure from outside Sec. Line*
 NW - SW NW SW Sec. 27 Twp. 26 S. R. 11 E W
 (10/20/20) 784 1917 feet from N / S Line of Section
Per Plat 193 feet from E / W Line of Section

OPERATOR: License# 32119
 Name: Northern Natural Gas Co.
 Address 1: 1111 South 103rd Street
 Address 2: _____
 City: Omaha State: NE Zip: 68124 + _____
 Contact Person: Michael Loeffler
 Phone: 402-398-7103

Is SECTION: Regular Irregular?

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

CONTRACTOR: License# 34541
 Name: Ninnescah Drilling, LLC

County: Pratt
 Lease Name: OB Well #: 1
 Field Name: None

Is this a Prorated / Spaced Field? Yes No

Target Formation(s): Viola, Arbuckle
 Nearest Lease or unit boundary line (in footage): 193

Well Drilled For: Oil Gas Seismic; # of Holes _____
 Other: Pressure Observation
 Well Class: Enh Rec Storage Disposal Other
 Type Equipment: Mud Rotary Air Rotary Cable

Ground Surface Elevation: 1808.1 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: 4500

Formation at Total Depth: Arbuckle

Operator: _____
 Well Name: _____
 Original Completion Date: _____ Original Total Depth: _____

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: _____

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: Engineer

For KCC Use ONLY
 API # 15 - 151-22395-0000
 Conductor pipe required None feet
 Minimum surface pipe required 175 feet per ALT. I II
 Approved by: June 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:

- 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
 JUN 26 2012

KCC WICHITA

27
 26
 11
 E
 W

For KCC Use ONLY

API # 15 - 151-22395-0000

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: OB
Well Number: 1
Field: None

Location of Well: County: Pratt
754 1917 feet from N / S Line of Section
193 feet from E / W Line of Section
Sec. 27 Twp. 26 S. R. 11 E W

Number of Acres attributable to well: _____
QTR/QTR/QTR/QTR of acreage: NW - SW - NW SW

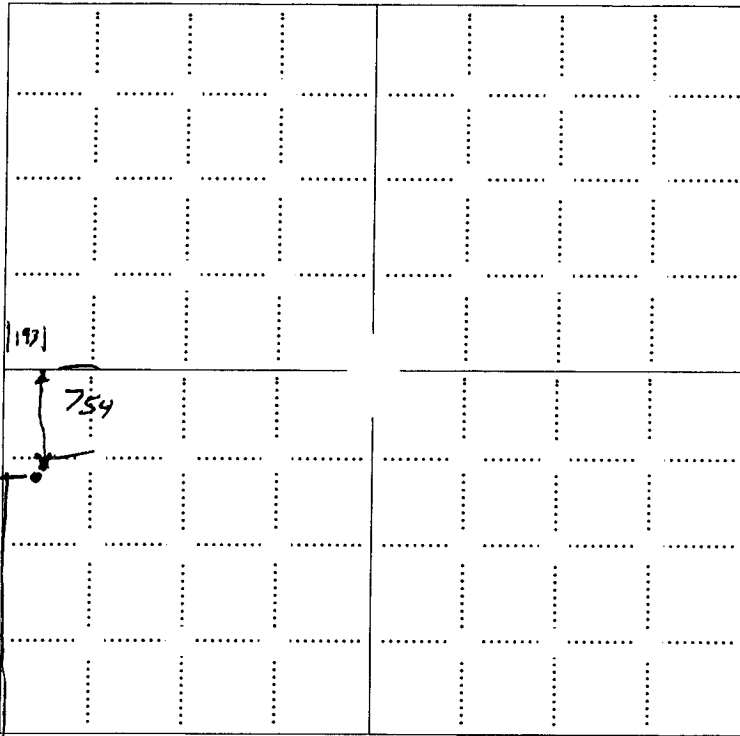
Is Section: Regular or Irregular

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

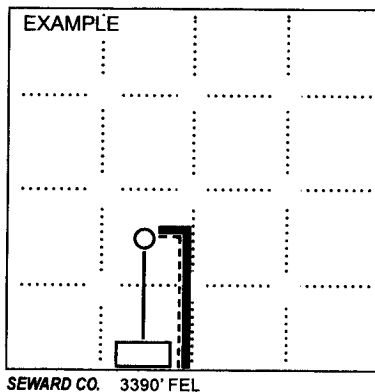
Section corner used: NE NW SE SW

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.



- LEGEND**
- Well Location
 - Tank Battery Location
 - Pipeline Location
 - - - - Electric Line Location
 - Lease Road Location



RECEIVED
JUN 26 2012
KCC WICHITA

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 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.

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**

15715722395-0000

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 SW NWSW Sec. 27 Twp. 26 S. R. 11 East West
County: Pratt
Lease Name: OB 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**

Surface Owner Information:

Name: Ethie & Art Koenemann Trust
Address 1: c/o Robert Koenemann @First National of Hutchinson, Trustees
Address 2: PO Box 913
City: Hutchinson State: KS Zip: 67504 + _____

KCC WICHITA

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: 6/23/12 Signature of Operator or Agent: Jason Goss Title: Consultant
405-830-8365

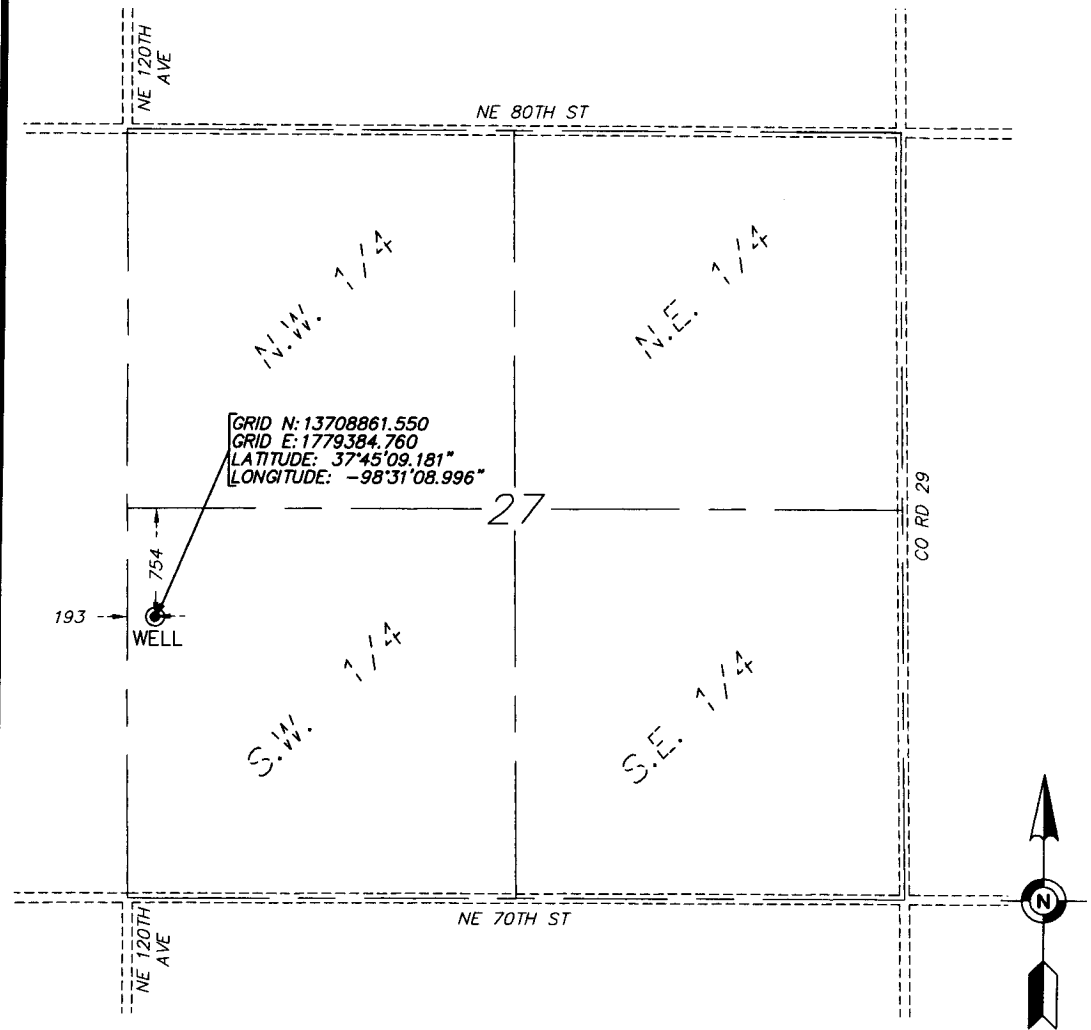
15-151-22395-0000

WELL LOCATION EXHIBIT

-FOR-



193 FEET FROM THE WEST LINE & 754 FEET FROM THE NORTH LINE OF THE SW1/4 SECTION 27, TOWNSHIP 26 S, RANGE 11 W, PRATT COUNTY, KANSAS



RECEIVED
JUN 26 2012
KCC WICHITA

Topography and Vegetation: Located in Agricultural Land.

Best Access Location: NE 70th St. Level Drill Site: Yes

Reference Stake or Alternative Location Stake Set: None

Location from nearest Highway or Town: 0.7 miles south of Preston on Co. Rd. 26 (Main St.-NE 100th Ave.) to NE 70th St.) then east 2.0 miles to site access.

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 =1808.1 Feet (NAVD 88)

UTM 14 Coordinates
GRID N:13708861.550
GRID E:1779384.760

NAD-83
LATITUDE: 37°45'09.181"
LONGITUDE: -98°31'08.996"



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

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

WELL LOCATION EXHIBIT
193 FEET FROM THE WEST LINE & 754 FEET FROM THE NORTH LINE OF THE NW1/4 OF THE SW1/4 SECTION 27, TOWNSHIP 26 S, RANGE 11 W, PRATT COUNTY, KANSAS



FILE NO. 01093331

SHEET 2 OF 4

OMH-NING2/20



Egan, Field & Nowak, Inc.
land surveyors since 1872

13057 West Center Road, Suite 4
Omaha, Nebraska 68144
PHONE: (402) 932-8352
FAX: (402) 932-5474
WWW.EFNSURVEY.COM
COPYRIGHT © 2012 BY EGAN, FIELD & NOWAK, INC.

15151-22395-0000

WELL LOCATION EXHIBIT

-FOR-



193 FEET FROM THE WEST LINE & 754 FEET FROM THE NORTH LINE OF THE SW1/4 SECTION 27, TOWNSHIP 26 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: NE 70th St. Level Drill Site: Yes

Reference Stake or Alternative Location Stake Set: None

Location from nearest Highway or Town: 0.7 miles south of Preston on Co. Rd. 26 (Main St.-NE 100th Ave.) to NE 70th St.) then east 2.0 miles to site access.

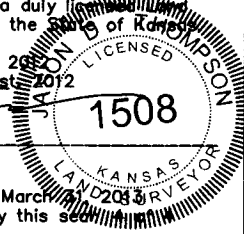
The location of the well site referenced to the section lines as shown on this exhibit is based on field locations and information provided by Pratt County.

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 Surveyor under the laws of the State of Kansas.

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

Jason D. Thompson
Kansas License No. 1508
My license renewal data is March 2013
Pages or sheets covered by this section



Elevation At Well Stake =1808.1 Feet (NAVD 88)

UTM 14 Coordinates
GRID N: 13708861.550
GRID E: 1779384.760

NAD-83
LATITUDE: 37°45'09.181"
LONGITUDE: -98°31'08.996"

WELL LOCATION EXHIBIT
193 FEET FROM THE WEST LINE & 754 FEET FROM THE NORTH LINE OF THE NW1/4 OF THE SW1/4 SECTION 27, TOWNSHIP 26 S, RANGE 11 W, PRATT COUNTY, KANSAS



FILE NO. 01093331

SHEET 1 OF 4

CMH-NWC2/20



15057 West Center Road, Suite 4
Omaha, Nebraska 68144
PHONE: (402) 932-5352
FAX: (402) 932-5474
WWW.EFNSURVEY.COM
COPYRIGHT © 2012 BY EGAN, FIELD & NOWAK, INC.

Egan, Field & Nowak, Inc.
land surveyors since 1872

EFN FILE NO. 6971

EFN PROJECT NO. 35235

RECEIVED
JUN 26 2012
KCC WICHITA

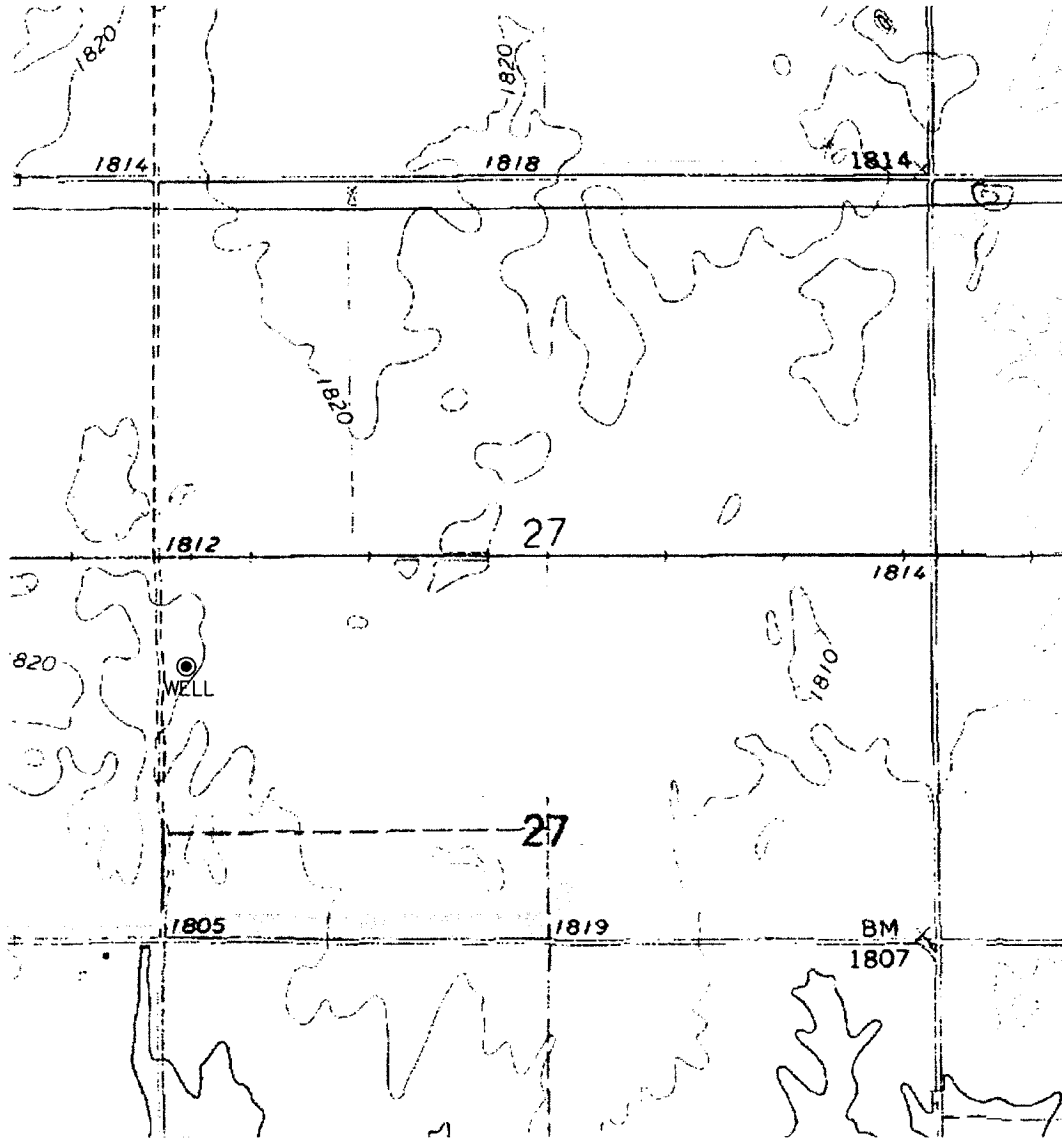
15-151-22395-0000

WELL LOCATION EXHIBIT USGS TURON

-FOR-

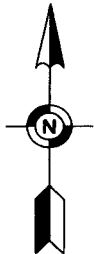


193 FEET FROM THE WEST LINE & 754 FEET FROM THE NORTH LINE OF THE SW1/4 SECTION 27, TOWNSHIP 26 S, RANGE 11 W, PRATT COUNTY, KANSAS



RECEIVED
JUN 26 2012
KCC WICHITA

USGS 7.5 Minute Series Preston
Quadrangle Kansas date 1971



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

OMH- NNG2/20



13057 West Center Road, Suite 4
Omaha, Nebraska 68144
PHONE: (402) 932-5352
FAX: (402) 932-5474
WWW.EFNSURVEY.COM
COPYRIGHT © 2012 BY EGAN, FIELD & NOWAK, INC.

WELL LOCATION EXHIBIT
193 FEET FROM THE WEST LINE & 754
FEET FROM THE NORTH LINE OF THE
NW1/4 OF THE SW1/4 SECTION 27,
TOWNSHIP 26 S, RANGE 11 W, PRATT
COUNTY, KANSAS



FILE NO. 01093331
SHEET 3 OF 4

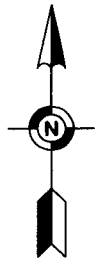
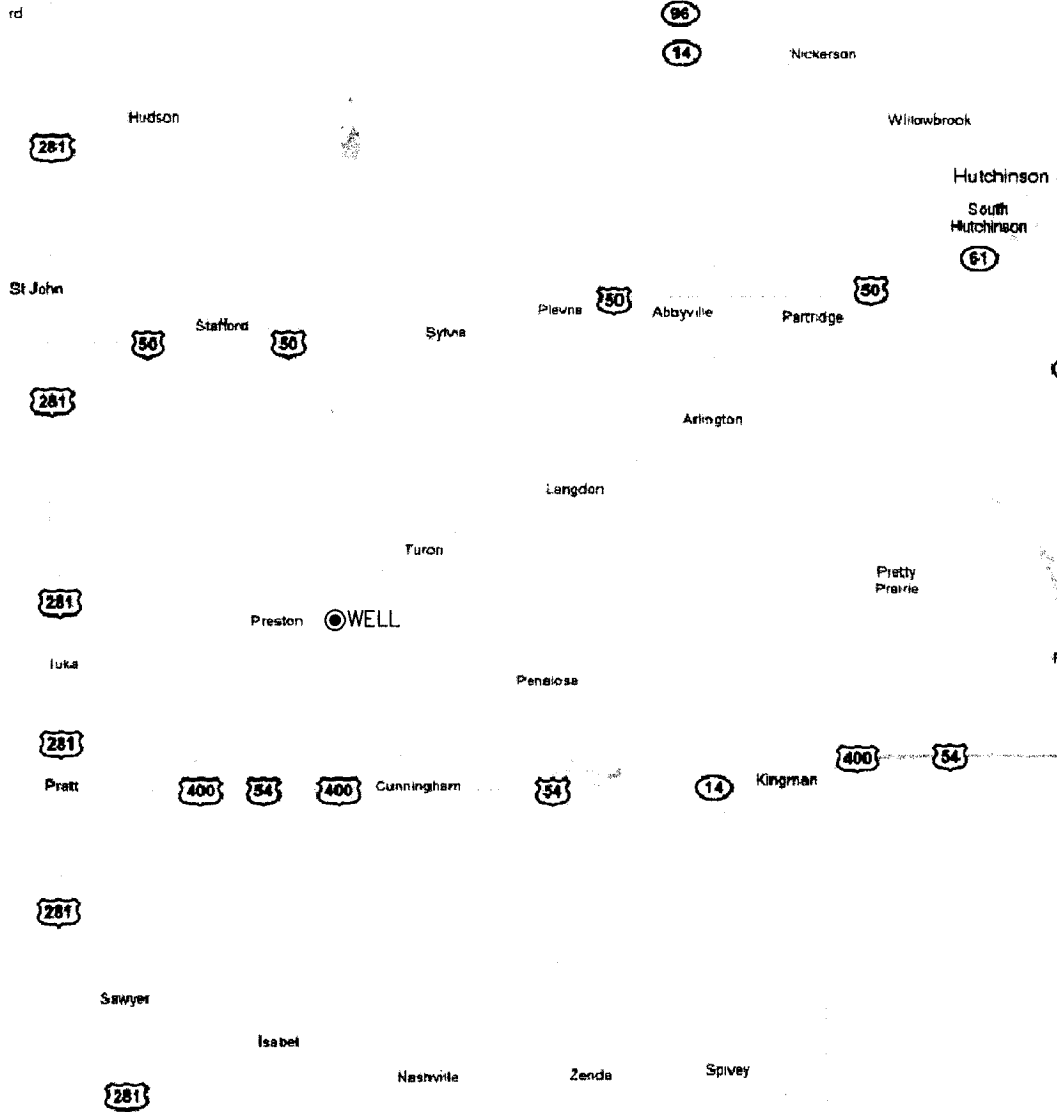
15751-22395-0000

WELL LOCATION EXHIBIT VICINITY MAP

-FOR-



193 FEET FROM THE WEST LINE & 754 FEET FROM THE NORTH LINE OF THE SW1/4 SECTION
27, TOWNSHIP 26 S, RANGE 11 W, PRATT COUNTY, KANSAS



NO SCALE

RECEIVED
JUN 26 2012
KCC WICHITA

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

OMH-NNG2/20



13057 West Center Road, Suite 4
Omaha, Nebraska 68144
PHONE: (402) 932-5352
FAX: (402) 932-5474
WWW.EFNSURVEY.COM
COPYRIGHT © 2012 BY EGM, FIELD & NOWAK, INC.

Egan, Field & Nowak, Inc.
Land surveyors since 1872

WELL LOCATION EXHIBIT
193 FEET FROM THE WEST LINE & 754
FEET FROM THE NORTH LINE OF THE
NW1/4 OF THE SW1/4 SECTION 27,
TOWNSHIP 26 S, RANGE 11 W, PRATT
COUNTY, KANSAS



FILE NO. 01093331

SHEET 4 OF 4

**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: Northern Natural Gas		License Number: 32119
Operator Address: 1111 South 103rd Street		Omaha NE 68124
Contact Person: Michael Loeffler		Phone Number: 402-398-7103
Lease Name & Well No.: OB 1		Pit Location (QQQQ): _____ - _____ - <u>NW</u> - <u>SW</u> Sec. <u>27</u> Twp. <u>26</u> R. <u>11</u> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <u>1917</u> Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section <u>193</u> Feet from <input type="checkbox"/> East / <input checked="" type="checkbox"/> West Line of Section Pratt _____ County
Type of Pit: <input checked="" 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 type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (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 <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 <u>155</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: _____ 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	<u>Jason Goss (405) 830-8365</u> Signature of Applicant or Agent	

**RECEIVED
JUN 26 2012
KCC WICHITA**

15-151-22395-0000

KCC OFFICE USE ONLY

Date Received: 6-26-12 Permit Number: _____ Permit Date: _____ Lease Inspection: Yes No

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

June 26, 2012

Northern Natural Gas
1111 South 103rd St
Omaha, NE 68124

RE: Drilling Pit Application
OB Lease Well No. 1
SW/4 Sec. 27-26S-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.

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.

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/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner

Sam Brownback, Governor

June 26, 2012

Ethie & Art Koenemann Trust
c/o Robert Koenemann @ First National of Hutchinson, Trustees
PO Box 913
Hutchinson, KS 67504

RE: Kansas Surface Owners Notice Act

Dear Mr. Koenemann:

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