

For KCC Use:

Effective Date: 01/21/2013

District # 3

SGA? ☐ Yes ☒ NoKANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1106807

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: 1/17/2013
month day year

OPERATOR: License# 32116

Name: R.T. Enterprises of Kansas, Inc.

Address 1: PO BOX 339

Address 2:

City: LOUISBURG State: KS Zip: 66053 + 0339

Contact Person: Lance Town

Phone: 913-710-5400

CONTRACTOR: License#

Name: Advise on ACO-1 -- Must be licensed by KCC

Well Drilled For:

☐ Oil	☒ Enh Rec	☒ Infield	☐ Mud Rotary
☐ Gas	☐ Storage	☐ Pool Ext.	☒ Air Rotary
	☐ Disposal	☐ Wildcat	☐ Cable
☐ Seismic ; # of Holes	☐ Other		
☐ 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 #:

Spot Description:

NE - SW - NW - SE Sec. 11 Twp. 15 S. R. 20 ☒ E ☐ W
(Q/Q/Q/Q) 1960 feet from ☐ N / ☒ S Line of Section
2280 feet from ☒ E / ☐ W Line of Section

Is SECTION: ☒ Regular ☐ Irregular?

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

County: Douglas

Lease Name: Pearson Well #: I-36

Field Name: Baldwin

Is this a Prorated / Spaced Field? ☐ Yes ☒ No

Target Formation(s): Bartlesville

Nearest Lease or unit boundary line (in footage): 360

Ground Surface Elevation: 1065 Estimated feet MSL

Water well within one-quarter mile: ☒ Yes ☐ NoPublic water supply well within one mile: ☐ Yes ☒ No

Depth to bottom of fresh water: 100

Depth to bottom of usable water: 250

Surface Pipe by Alternate: ☐ I ☒ II

Length of Surface Pipe Planned to be set: 40

Length of Conductor Pipe (if any):

Projected Total Depth: 900

Formation at Total Depth: Bartlesville

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:

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.

Submitted Electronically

For KCC Use ONLY

API # 15 - 15-045-21884-00-00

Conductor pipe required 0 feet

Minimum surface pipe required 40 feet per ALT. ☐ I ☒ II

Approved by: Rick Hestermann 01/16/2013

This authorization expires: 01/16/2014

(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

11
15
20
☒ E
☐ W

1106807

For KCC Use ONLY

API # 15 - 15-045-21884-00-00

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: R.T. Enterprises of Kansas, Inc.

Lease: Pearson

Well Number: I-36

Field: Baldwin

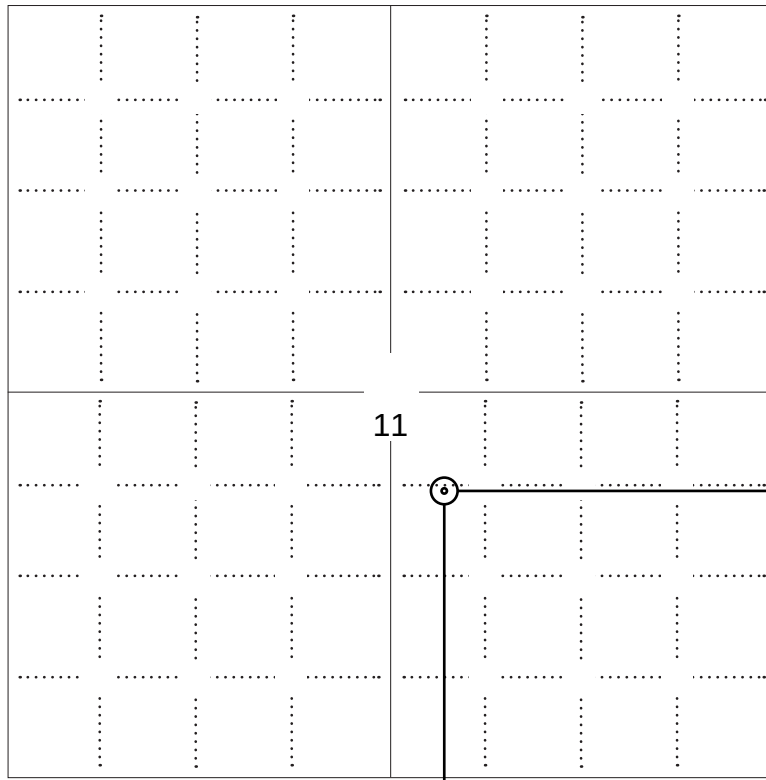
Number of Acres attributable to well: _____

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

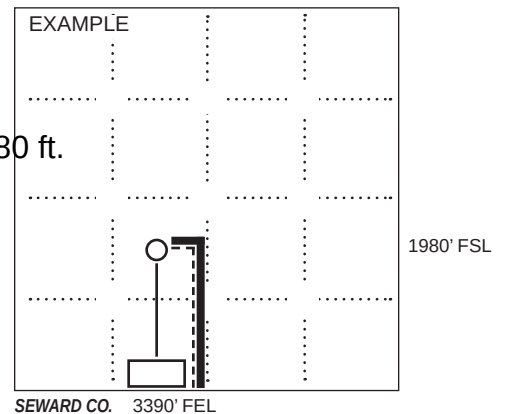
Location of Well: County: Douglas

1960 feet from ☐ N / ☒ S Line of Section2280 feet from ☒ E / ☐ W Line of SectionSec. 11 Twp. 15 S. R. 20 ☒ 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.**

1960 ft.

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.

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1106807

Form CDP-1
May 2010
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: R.T. Enterprises of Kansas, Inc.		License Number: 32116	
Operator Address: PO BOX 339		LOUISBURG KS 66053	
Contact Person: Lance Town		Phone Number: 913-710-5400	
Lease Name & Well No.: Pearson I-36		Pit Location (QQQQ): NE - SW - NW - SE Sec. 11 Twp. 15 R. 20 ☒ East ☐ West 1960 Feet from ☐ North / ☒ South Line of Section 2280 Feet from ☒ East / ☐ West Line of Section Douglas County	
Type of Pit: ☐ Emergency Pit ☐ Burn Pit ☐ Settling Pit ☒ Drilling Pit ☐ Workover Pit ☐ Haul-Off Pit <small>(If WP Supply API No. or Year Drilled)</small>		Pit is: ☒ Proposed ☐ Existing If Existing, date constructed: _____ Pit capacity: 120 (bbls)	
Is the pit located in a Sensitive Ground Water Area? ☐ Yes ☒ No		Chloride concentration: _____ mg/l <small>(For Emergency Pits and Settling Pits only)</small>	
Is the bottom below ground level? ☒ Yes ☐ No		Artificial Liner? ☐ Yes ☒ No How is the pit lined if a plastic liner is not used? native clay	
Pit dimensions (all but working pits): 10 Length (feet) 10 Width (feet) ☐ N/A: Steel Pits Depth from ground level to deepest point: 5 (feet) ☐ 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: 346 feet Depth of water well 100 feet		Depth to shallowest fresh water 40 feet. Source of information: ☐ measured ☐ well owner ☐ electric log ☒ 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? ☐ Yes ☐ No		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: fresh water Number of working pits to be utilized: 2 Abandonment procedure: empty pit and use on next well Drill pits must be closed within 365 days of spud date.	
Submitted Electronically			

KCC OFFICE USE ONLY

☐ Liner ☐ Steel Pit ☒ RFAC ☐ RFAS
 Date Received: 01/16/2013 Permit Number: 15-045-21884-00-00 Permit Date: 01/16/2013 Lease Inspection: ☐ Yes ☒ No

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

**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 # 32116
Name: R.T. Enterprises of Kansas, Inc.
Address 1: PO BOX 339
Address 2: _____
City: LOUISBURG State: KS Zip: 66053 + 0339
Contact Person: Lance Town
Phone: (913) 710-5400 Fax: (_____) _____
Email Address: _____

Well Location:
NE SW NW SE Sec. 11 Twp. 15 S. R. 20 ☒ East ☐ West
County: Douglas
Lease Name: Pearson Well #: I-36
If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

Surface Owner Information:

Name: Scott & Amy Adamson
Address 1: 123 E. 1900 Rd
Address 2: _____
City: Baldwin State: Ks Zip: 66006 + _____

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.

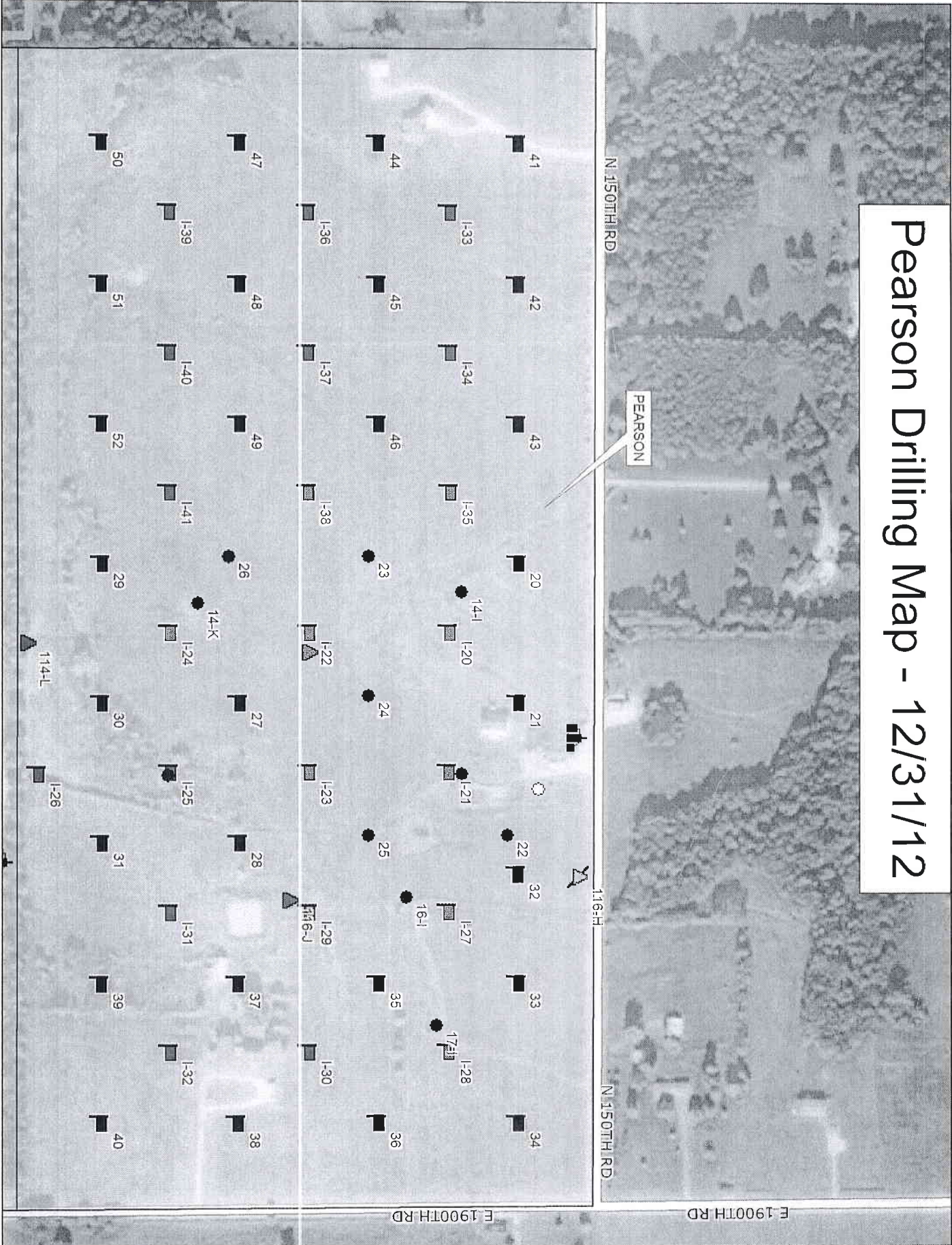
Select one of the following:

- ☒ 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.

Submitted Electronically

Pearson Drilling Map - 12/31/12



**NOTICE TO OPERATORS FILING INTENT TO DRILL
FOR DISPOSAL OR ENHANCED RECOVERY
INJECTION WELLS, (CLASS II INJECTION WELL)**

The attached approved Notice of Intent to Drill indicates the proposed well is to be used for injection. An approved "Intent to Drill" does not approve injection authority as a Class II Injection Well in Kansas.

Before any well is used for injection purposes, the operator must file an application for injection authority in accordance with K.A.R. 82-3-401 and provide notice in accordance with K.A.R. 82-3-402. The Conservation Division must issue a written permit granting the application before commencement of injection.

The Conservation Division requirements and restrictions associated with Class II Injection are identified in K.A.R. 82-3-400 et seq of our regulations. Associated regulations governing drilling, completion and injection applications may be found in K.A.R. 82-3-135, Table I, Table II, in the Cedar Hills Sandstone Moratorium, (Docket #156,397-C), and the Eastern Kansas Surface Casing Order, (Docket #133,891-C).

If you have questions regarding the approval of injection authority, an injection application may be filed as a "Design Approval" before actual drilling and completion of the well occurs. If you have any questions or concerns regarding Class II injection wells or regulations, call the Underground Injection Control Department at 316-337-6200.

Failure to obtain commission approval before beginning injection is punishable by a penalty, shut-in of the well or both.

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
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 04, 2013

Lance Town
R.T. Enterprises of Kansas, Inc.
PO BOX 339
LOUISBURG, KS 66053-0339

Re: Notice of Intent to Drill
Pearson I-36
SE/4 Sec.11-15S-20E
Douglas County, Kansas

Dear Mr. Town:

Records indicate that a domestic water well is located less than 660 feet from this proposed location. Eastern Kansas Surface Casing Order #133,891-C for Area 3, paragraph 2 states, "No well shall be drilled closer than 660 feet of an existing domestic or municipal water well without written owner notification, a copy of which must be attached to the drilling intent form during filing. Special casing and cementing requirements may be imposed in those areas producing fresh and usable water."

Please provide us with a copy of the owner notification to further the processing of your notice of intent to drill. A copy of the water well record is attached.

I may be contacted at 316-337-6200 if you need additional information.

Rick Hestermann
Production Department

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: <u>Douglas</u> Distance and direction from nearest town or city street address of well if located within city? <u>1853 N 150th Rd Baldwin City, KS 66406</u>		Fraction <u>NW 1/4 NW 1/4 SE 1/4</u> Section Number <u>11</u> Township Number <u>T 15 S</u> Range Number <u>R 20 E/W</u>		Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: _____ Longitude: _____ Elevation: _____ Datum: _____ Data Collection Method: _____																																																																			
2 WATER WELL OWNER: <u>Brian Stutz</u> RR#, St. Address, Box # : <u>1844 Ville Woods Lt.</u> City, State, ZIP Code : <u>Lawrence, KS 66044</u>																																																																							
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div style="text-align: center;">N</div> <table border="1" style="margin: auto; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 5px;">NW</td> <td style="padding: 5px;">NE</td> </tr> <tr> <td style="padding: 5px;">SW</td> <td style="padding: 5px;">SE</td> </tr> </table> <div style="text-align: center;">S</div>		NW	NE	SW	SE	4 DEPTH OF COMPLETED WELL <u>100</u> ft. <u>Douglas City Permit 5688</u> Depth(s) Groundwater Encountered (1) <u>40-70</u> ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL <u>34</u> ft. below land surface measured on mo/day/yr. Pump test data: Well water was ft. after hours pumping gpm Est. Yield <u>15</u> gpm: Well water was ft. after hours pumping gpm WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well ① Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No <u>X</u>; If yes, mo/day/yr Sample was submitted Water well disinfected? Yes <u>X</u> No																																																																	
NW	NE																																																																						
SW	SE																																																																						
5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued <u>X</u> Clamped 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded ② PVC 4 ABS 7 Fiberglass Threaded Blank casing diameter <u>5</u> in. to <u>50</u> ft., Diameter <u>5</u> in. to <u>70-100</u> ft., Diameter in. to ft. Casing height above land surface in., Weight lbs./ft. Wall thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass ⑦ PVC 9 ABS 11 Other (Specify) 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped ⑧ Saw cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From <u>50</u> ft. to <u>70</u> ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From <u>100</u> ft. to <u>34</u> ft., From ft. to ft. From ft. to ft., From ft. to ft.																																																																							
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout ③ Bentonite 4 Other Grout Intervals: From <u>34</u> ft. to <u>0</u> ft., From ft. to ft., From ft. to ft. What is the nearest source of possible contamination: <u>None at time of drilling</u> 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide storage 16 Other (specify below) 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 15 Oil well/gas well Direction from well? How many feet?																																																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">FROM</th> <th style="width: 10%;">TO</th> <th style="width: 80%;">LITHOLOGIC LOG</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>5</td> <td>Soil & Clay</td> </tr> <tr> <td>5</td> <td>11</td> <td>Sandstone</td> </tr> <tr> <td>11</td> <td>18</td> <td>Shale</td> </tr> <tr> <td>18</td> <td>75</td> <td>Sandstone</td> </tr> <tr> <td>75</td> <td>100</td> <td>Shale</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		FROM	TO	LITHOLOGIC LOG	0	5	Soil & Clay	5	11	Sandstone	11	18	Shale	18	75	Sandstone	75	100	Shale																<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">FROM</th> <th style="width: 10%;">TO</th> <th style="width: 80%;">PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>				FROM	TO	PLUGGING INTERVALS																														
FROM	TO	LITHOLOGIC LOG																																																																					
0	5	Soil & Clay																																																																					
5	11	Sandstone																																																																					
11	18	Shale																																																																					
18	75	Sandstone																																																																					
75	100	Shale																																																																					
FROM	TO	PLUGGING INTERVALS																																																																					
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ① constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>10-17-08</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>541</u> This Water Well Record was completed on (mo/day/year) <u>10-20-08</u> under the business name of <u>Erans Energy Dev. Inc.</u> by (signature) <u>[Signature]</u>																																																																							
INSTRUCTIONS: Use typewriter or ball point pen. <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each <u>constructed</u> well. Visit us at http://www.kdheks.gov/waterwell/index.html .																																																																							

RT Enterprises of Kansas
P.O. Box 339
Louisburg, KS 66053

Rick,

The following wells located on the West side of the Pearson lease are more than 660 feet from the three water wells referenced in your remarks on the submitted intents. I have located the water wells and spoke with each landowner. The well spacing is 320 feet.

Producer wells 40 through 52

Injection wells I-29 through I-41.

If you should have any questions, please do not hesitate to contact me at (913) 710-5400.

Regards,

A handwritten signature in dark ink, appearing to read "Lance Town". The signature is stylized with a large initial "L" and a cursive "T".

Lance Town
RT Enterprises of Kansas