

For KCC Use:

Effective Date: _____

District #: _____

SGA? ☐ Yes ☐ No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

1101708

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: _____
month day year

OPERATOR: License# _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _ _ _ _

Contact Person: _____

Phone: _____

CONTRACTOR: License# _____

Name: _____

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: _____

☐ 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: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ ☐ E ☐ W
(Q/Q/Q/Q) _____ feet from ☐ N / ☐ S Line of Section

_____ feet from ☐ E / ☐ W Line of Section

Is SECTION: ☐ Regular ☐ Irregular?

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

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

Target Formation(s): _____

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

Ground Surface Elevation: _____ 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: _____

Depth to bottom of usable water: _____

Surface Pipe by Alternate: ☐ I ☐ II

Length of Surface Pipe Planned to be set: _____

Length of Conductor Pipe (if any): _____

Projected Total Depth: _____

Formation at 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: _____

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 - _____

Conductor pipe required _____ feet

Minimum surface pipe required _____ feet per ALT. ☐ I ☐ II

Approved by: _____

This authorization expires: _____

(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**

☐ E
☐ W



1101708

For KCC Use ONLY

API # 15 - _____

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: _____

Lease: _____

Well Number: _____

Field: _____

Number of Acres attributable to well: _____

QTR/QTR/QTR/QTR of acreage: _____ - _____ - _____ - _____

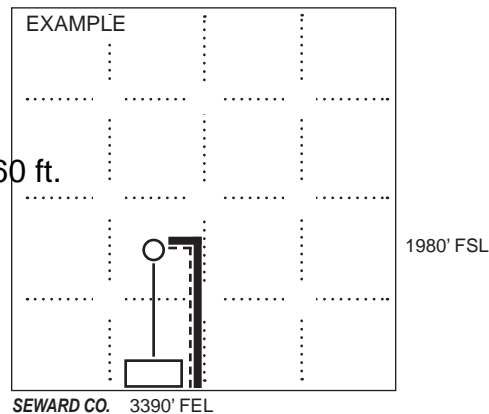
Location of Well: County: _____

_____ feet from ☐ N / ☐ S Line of Section_____ feet from ☐ E / ☐ W Line of SectionSec. _____ Twp. _____ S. R. _____ ☐ 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.**

1800 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

1101708

Form CDP-1
May 2010
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

| | | | |
|---|--|---|--|
| Operator Name: _____ | | License Number: _____ | |
| Operator Address: _____ | | | |
| Contact Person: _____ | | Phone Number: _____ | |
| Lease Name & Well No.: _____ | | Pit Location (QQQQ): _____-_____-_____-_____ Sec. _____ Twp. _____ R. _____ <input type="checkbox"/> East <input type="checkbox"/> West _____ Feet from <input type="checkbox"/> North / <input type="checkbox"/> South Line of Section _____ Feet from <input type="checkbox"/> East / <input type="checkbox"/> West Line of Section _____ County | |
| 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 type="checkbox"/> Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i> | 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 type="checkbox"/> Yes <input type="checkbox"/> No | | Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i> | |
| Is the bottom below ground level? <input type="checkbox"/> Yes <input type="checkbox"/> No | Artificial Liner? <input type="checkbox"/> Yes <input 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) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: _____ (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: _____ 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 | |
| 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. | |
| Submitted Electronically | | | |

KCC OFFICE USE ONLY

☐ Liner ☐ Steel Pit ☐ RFAC ☐ RFAS

Date Received: _____ Permit Number: _____ Permit Date: _____ Lease Inspection: ☐ Yes ☐ No

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



KANSAS CORPORATION COMMISSION 1101708
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 # _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____ Fax: (_____) _____
Email Address: _____

Well Location:
____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ ☐ East ☐ West
County: _____
Lease Name: _____ Well #: _____
If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

Surface Owner Information:

Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____

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



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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

November 19, 2012

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

Re: Notice of Intent to Drill
Pearson 27
SE/4 Sec.11-15S-20E
Douglas County, Kansas

Dear Mr. Town:

Records indicate that three domestic water wells are 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 records are attached..

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

Rick Hestermann
Production Department

cc: Steve Korf, District 3



Scan of WWC5 Form

WATER WELL RECORD Form WWC-5 KSA 82a-1212

| | | | | | |
|--|-----------|--|----------------|-----------------|--------------------|
| 1 LOCATION OF WATER WELL: | | Fraction | Section Number | Township Number | Range Number |
| County: <u>Douglas</u> | | $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$ <u>SE</u> $\frac{1}{4}$ <u>11</u> | <u>11</u> | <u>T 15 S</u> | <u>R 20 E</u> |
| Distance and direction from nearest town or city street address of well if located within city? <u>1 South 1 1/2 E of Baldwin</u> | | | | | |
| 2 WATER WELL OWNER: | | Board of Agriculture, Division of Water Resources | | | |
| RR#, St. Address, Box #: | | Application Number: | | | |
| City, State, ZIP Code: | | <u>Rt 3 Baldwin, KS. 66006</u> | | | |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: | | 4 DEPTH OF COMPLETED WELL: <u>71</u> ft. ELEVATION: | | | |
| | | Depth(s) Groundwater Encountered 1. <u>35</u> ft. 2. _____ ft. 3. _____ ft. | | | |
| | | WELL'S STATIC WATER LEVEL <u>30</u> ft. below land surface measured on mo/day/yr <u>5/25/89</u> | | | |
| | | Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm | | | |
| | | Est. Yield <u>5</u> gpm; Well water was _____ ft. after _____ hours pumping _____ gpm | | | |
| | | Bore Hole Diameter <u>8</u> in. to <u>24</u> ft. and _____ in. to _____ ft. | | | |
| | | WELL WATER TO BE USED AS: | | | |
| | | <input checked="" type="checkbox"/> Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well <input type="checkbox"/> Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below) | | | |
| | | Was a chemical/bacteriological sample submitted to Department? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, mo/day/yr sample was submitted _____ | | | |
| | | Water Well Disinfected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | |
| 5 TYPE OF BLANK CASING USED: | | CASING JOINTS: Glued <input checked="" type="checkbox"/> Clamped _____ | | | |
| 1 Steel 3 RMP (SR) | | 6 Asbestos-Cement 9 Other (specify below) _____ | | | |
| <input checked="" type="radio"/> PVC 4 ABS | | 7 Fiberglass _____ | | | |
| Blank casing diameter <u>5</u> in. to <u>30</u> ft. Dia. _____ in. to _____ ft. Dia. _____ in. to _____ ft. Dia. _____ in. to _____ ft. | | Casing height above land surface <u>24</u> in., weight _____ lbs./ft. Wall thickness or gauge No. <u>5DR 26</u> | | | |
| TYPE OF SCREEN OR PERFORATION MATERIAL: | | <input checked="" type="radio"/> PVC 10 Asbestos-cement | | | |
| 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) _____ | | 12 None used (open hole) | | | |
| 2 Brass 4 Galvanized steel 6 Concrete tile 9 ADS | | | | | |
| SCREEN OR PERFORATION OPENINGS ARE: | | 8 Saw cut 11 None (open hole) | | | |
| 1 Continuous slot 3 Mill slot | | 6 Wire wrapped <input checked="" type="radio"/> Drilled holes | | | |
| 2 Louvered shutter 4 Key punched | | 7 Torch cut 10 Other (specify) _____ | | | |
| SCREEN-PERFORATED INTERVALS: | | From <u>30</u> ft. to <u>71</u> ft. From _____ ft. to _____ ft. | | | |
| GRAVEL PACK INTERVALS: | | 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>0</u> ft. to <u>26</u> ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. | | | | | |
| What is the nearest source of possible contamination: | | 10 Livestock pens 14 Abandoned water well | | | |
| <input checked="" type="radio"/> Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well-Gas well | | 12 Fertilizer storage 16 Other (specify below) _____ | | | |
| 2 Sewer lines 5 Cess pool 8 Sewage lagoon 13 Insecticide storage | | | | | |
| 3 Watertight sewer lines 6 Seepage pit 9 Feedyard | | | | | |
| Direction from well? <u>East</u> | | How many feet? <u>200+</u> | | | |
| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
| <u>0</u> | <u>22</u> | <u>Brown Sandstone soft</u> | | | |
| <u>22</u> | <u>43</u> | | | | |
| <u>43</u> | <u>47</u> | | | | |
| <u>47</u> | <u>71</u> | | | | |
| | | <u>shale</u> | | | |
| 7 CONTRACTORS OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="radio"/> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>5-25-89</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>316</u> This Water Well Record was completed on (mo/day/yr) <u>5-25-89</u> under the business name of <u>Robison Drilling</u> by (signature) <u>Jack Robison</u> | | | | | |
| INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRINT FULLY and PRINT 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 Protection, Topeka, Kansas 66620-7320. Telephone: 913-296-5614. Send one to WATER WELL OWNER and retain one for your records. | | | | | |

Kansas Geological Survey
Comments to webadmin@kgs.ku.edu

KGS
Hydrology

Scan of WWC5 Form

| | | | | | | | | | |
|--|--|---|--|---------------------------------------|--|------------------------|--|---------------------|--|
| 1 LOCATION OF WATER WELL | | Fraction $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ | | Section Number 11 | | Township Number T 15 S | | Range Number R 20 E | |
| County Douglas | | | | | | | | | |
| Distance and direction from nearest town or city street address of well if located within city? 2 miles east of Baldwin | | | | | | | | | |
| 2 WATER WELL OWNER: Mr. Arle Venable RR#, St. Address, Box #: 1854 N 1st Rd. City, State, ZIP Code: Baldwin, MS 38606 | | | | | | | | | |
| Board of Agriculture, Division of Water Resources Application Number: | | | | | | | | | |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: | | 4 DEPTH OF COMPLETED WELL: 80 ft. | | ELEVATION: | | | | | |
| | | Depth(s) Groundwater Encountered: 1. 55 ft. 2. ft. 3. ft. | | | | | | | |
| | | WELL'S STATIC WATER LEVEL: 25 ft. below land surface measured on mo/day/yr 5-15-97 | | | | | | | |
| | | Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm | | | | | | | |
| | | Est. Yield 10 ft.: _____ gpm; Well water was _____ ft. after _____ hours pumping _____ gpm | | | | | | | |
| | | Bore Hole Diameter: 8 in. to 80 ft. and _____ in. to _____ ft. | | | | | | | |
| | | WELL WATER TO BE USED AS: Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well | | | | | | | |
| Was a chemical/bacteriological sample submitted to Department? Yes No X If yes, mo/day/yr sample was submitted | | | | | | | | | |
| | | Water Well Disinfected? Yes X No | | | | | | | |
| 5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 2 PVC 4 ABS | | 5 Wrought iron 8 Concrete tile | | CASING JOINTS: Glued X Clamped | | | | | |
| Blank casing diameter 5 in. to 60 ft. Dia _____ in. to _____ ft. | | 6 Asbestos-Cement 9 Other (specify below) | | Welded _____ Threaded _____ | | | | | |
| Casing height above land surface 16 in. weight _____ lbs./ft. Wall thickness or gauge No. 20 | | | | | | | | | |
| TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) 12 None used (open hole) | | | | | | | | | |
| SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes | | | | | | | | | |
| SCREEN-PERFORATED INTERVALS: From 60 ft. to 80 ft. From _____ ft. to _____ ft. | | | | | | | | | |
| GRAVEL PACK INTERVALS: From 80 ft. to 53 ft. From _____ ft. to _____ ft. | | | | | | | | | |
| | | | | | | | | | |
| 6 GROUT MATERIAL: Grout intervals: From 53 ft. to 43 ft. From _____ ft. to _____ ft. What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) 13 Insecticide storage | | 2 Cement grout 3 Bentonite 4 Other | | | | | | | |
| Direction from well? drilled in per field | | | | | | | | | |
| LITHOLOGIC LOG | | FROM TO PLUGGING INTERVALS | | | | | | | |
| 0 2 Top soil | | | | | | | | | |
| 2 8 Brown sand rock | | | | | | | | | |
| 8 15 Brown sandy clay | | | | | | | | | |
| 15 25 Brown sand rock | | | | | | | | | |
| 25 77 white sand rock | | | | | | | | | |
| 77 80 Lime | | | | | | | | | |
| T.D. 80 | | | | | | | | | |
| 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) 5-15-97 and this record is true to the best of my knowledge and belief, Kansas Water Well Contractor's License No. 214 This Water Well Record was completed on (mo/day/yr) 5-16-97 under the business name of Larry Schuff by (signature) Kenneth Schuff | | | | | | | | | |

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRINT NAMES and PRINT 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, Topeka, Kansas 66602-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

Douglas Cty # 4112

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

| | | | | | |
|--|------------|--|---|-----------------|--------------------|
| 1 LOCATION OF WATER WELL: | | Fraction | Section Number | Township Number | Range Number |
| County: <u>Douglas</u> | | <u>SE 1/4 NW 1/4 SE 1/4</u> | <u>11</u> | <u>T 15 S</u> | <u>R 20 E/W</u> |
| Distance and direction from nearest town or city street address of well if located within city? <u>133 E 1900 Rd Baldwin 66006</u> | | | Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: <u>38 45.497</u> Longitude: <u>95 09.008</u> Elevation: <u>1070</u> Datum: _____ | | |
| 2 WATER WELL OWNER: <u>Dan Yardley</u> RR#, St. Address, Box # : <u>133 E 1900 Rd</u> City, State, ZIP Code : <u>Baldwin City KS 66006</u> | | | Data Collection Method: _____ | | |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: | | 4 DEPTH OF COMPLETED WELL <u>111.4</u> ft. | | | |
| <div style="text-align: center;"> </div> | | Depth(s) Groundwater Encountered (1) <u>60-109</u> ft. (2) ft. (3) ft. | | | |
| | | WELL'S STATIC WATER LEVEL: <u>45</u> ft. below land surface measured on mo/day/yr <u>11-6-06</u> | | | |
| | | 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 | | | | | |
| 5 TYPE OF CASING USED: | | | | | |
| 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) ② PVC 4 ABS 7 Fiberglass Blank casing diameter ... <u>5</u> in. to <u>10.1</u> ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface ... <u>34</u> in., Weight <u>50.2</u> lbs./ft. Wall thickness or gauge No. <u>160</u> P51 | | | | | |
| 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>10.1</u> ft. to <u>11.1</u> ft., From ft. to ft. | | | | | |
| GRAVEL PACK INTERVALS: From <u>11.1</u> ft. to <u>109</u> ft., From ft. to ft. | | | | | |
| 6 GROUT MATERIAL: 1 Neat cement 2 Cement grout ③ Bentonite 4 Other | | | | | |
| Grout Intervals: From <u>45</u> ft. to <u>3</u> ft., From ft. to ft., From ft. to ft. | | | | | |
| What is the nearest source of possible contamination: | | | | | |
| 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify) 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage ⑭ Abandoned water well - <u>Plugged well</u> 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well | | | | | |
| Direction from well? <u>S</u> How many feet? <u>100</u> | | | | | |
| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
| <u>6</u> | <u>8</u> | <u>Soil & clay</u> | | | |
| <u>8</u> | <u>26</u> | <u>sandstone</u> | | | |
| <u>26</u> | <u>27</u> | <u>shale</u> | | | |
| <u>27</u> | <u>36</u> | <u>sandstone</u> | | | |
| <u>36</u> | <u>39</u> | <u>sandy shale</u> | | | |
| <u>39</u> | <u>46</u> | <u>sandstone</u> | | | |
| <u>46</u> | <u>48</u> | <u>sandy shale</u> | | | |
| <u>48</u> | <u>109</u> | <u>sandstone</u> | | | |
| <u>109</u> | <u>111</u> | <u>limestone</u> | | | |
| 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>11-1-06</u> and this record is true to the best of my knowledge and belief. | | | | | |
| Kansas Water Well Contractor's License No. <u>56.1</u> This Water Well Record was completed on (mo/day/year) <u>11-7-06</u> under the business name of <u>Ernst Energy Dev. Inc.</u> by (signature) <u>Ernst Energy Dev. Inc.</u> | | | | | |
| INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT 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 constructed well. Visit us at http://www.kdhe.state.ks.us/geo/waterwells . | | | | | |

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

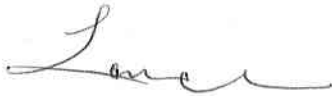
Jeanne Spradling
1879 N. 150 Road
Baldwin, KS 66006

Ms. Spradling,

This letter is to notify you that R.T. Enterprises of Kansas submitted intents to drill wells within 660 feet of your water well. The wells are located in Sec 11 Twp 15 R20, Well 20 is 2440 FSL 1480 FEL, Well 21 2440 FSL 1160 FEL, Well 22 2440 FSL 840 FEL, Well 23 2120 FSL 1480 FEL, Well 24 2120 FSL 1160 FEL, Well 25 2120 FSL 840 FEL, Well 26 1800 FSL 1480 FEL, well 27 1800 FSL 1160 FEL, Well 28 1800 FSL 840 FEL, Well 29 1485 FSL 1480 FEL, Well 30 1485 FSL 1160 FEL, Well 31 1485 FSL 840 FEL. This notification is required by the Kansas Commission Corporation.

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

Regards,

A handwritten signature in cursive script, appearing to read "Lance", followed by a horizontal flourish.

Lance Town
RT Enterprises of Kansas