

WATER WELL RECORD

Form WWC-5 - DRL Division of Water Resources App. No.

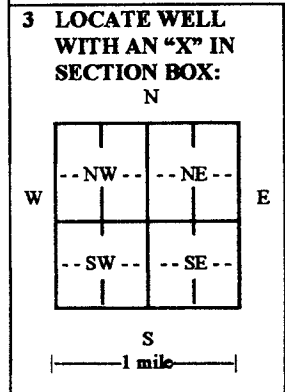
MW-12R

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|---|---|-----------------------------|-------------------------------|---|
| 1 LOCATION OF WATER WELL: County: Butler | Fraction 1/4 NE 1/4 NW 1/4 NW 1/4 | Section Number 35 | Township No. T 25 S | Range Number R 5 <input checked="" type="checkbox"/> E <input type="checkbox"/> W |
|---|---|-----------------------------|-------------------------------|---|

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here
1802 N. Star Street, El Dorado, KS

Global Positioning System (GPS) information:
Latitude: **37.838452** (in decimal degrees)
Longitude: **91.855384** (in decimal degrees)
Elevation:
Datum: WGS 84, NAD 83, NAD 27
Collection Method:
 GPS unit (Make/Model: **Google Earth**)
 Digital Map/Photo, Topographic Map, Land Survey
Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: **Union Tank Car Company**
RR#, Street Address, Box #: **175 W. Jackson Blvd.**
City, State, ZIP Code : **Chicago, IL 60604**



4 DEPTH OF COMPLETED WELL **22.5'** ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL **17.5'** ft. below land surface measured on mo/day/yr. **8/1/15**.....
Pump test data: Well water was..... ft. after..... hours pumping..... gpm
EST. YIELD..... gpm. Well water was..... ft. after..... hours pumping..... gpm
Bore Hole Diameter **8.50"** in. to **19.5'** ft., and..... in. to..... ft.
WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well
Was a chemical/bacteriological sample submitted to Department? Yes No
If yes, mo/day/yr sample was submitted.....
Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other.....
CASING JOINTS: Glued Clamped Welded Threaded
Casing diameter **2.0"** in. to **9.5'** ft., Diameter..... in. to..... ft., Diameter..... in. to..... ft.
Casing height above land surface **3.0'** in., Weight..... lbs./ft., Wall thickness or gauge No. **Sch. 40**.....
TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify).....
 Brass Galvanized Steel None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify).....
SCREEN-PERFORATED INTERVALS: From **9.5'** ft. to **19.5'** ft., From..... ft. to..... ft.
From..... ft. to..... ft., From..... ft. to..... ft.
GRAVEL PACK INTERVALS: From **7.5'** ft. to **19.5'** ft., From..... ft. to..... ft.
From..... ft. to..... ft., From..... ft. to..... ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other.....
Grout Intervals: From **0** ft. to **2.0'** ft., From **2.0'** ft. to **7.5'** ft., From..... ft. to..... ft.
What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well
Direction from well..... Distance from well.....

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHO. LOG (cont.) or PLUGGING INTERVALS |
|------|----|----------------|------|----|--|
| | | See Boring Log | | | |
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) **07/22/2015**... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **606**..... This Water Well Record was completed on (mo/day/year) **01/27/2016** under the business name of **PSA Environmental Services, LLC**..... by (signature).....

INSTRUCTIONS: Use typewriter or ball point pen. **PLEASE PRESS FIRMLY** and **PRINT** clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) 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 copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.



ROUX ASSOCIATES, INC.
Environmental Consulting
& Management

2000 Spring Road, Ste 420
Oak Brook, IL 60523
Telephone: (630) 572-3300
Fax: (630) 572-8841

WELL CONSTRUCTION LOG

| | | | | | |
|--|--|--------------------------------------|--|--|--|
| WELL NO. W-12R | | NORTHING 1743191.43 | | EASTING 1787216.33 | |
| PROJECT NO./NAME 2230.0001006 / UTLX - El Dorado | | | | LOCATION 1802 N. Star Street | |
| APPROVED BY T. Zei | | LOGGED BY A. Trzinski | | GEOGRAPHIC AREA El Dorado, Kansas | |
| DRILLING CONTRACTOR/DRILLER PSA Environmental / | | | | FORMER POND AREA Former Pond Area | |
| DRILL BIT DIAMETER/TYPE 2 inch / Drive Sampler | | BOREHOLE DIAMETER 2-inches | | DRILLING EQUIPMENT/METHOD Geoprobe 6620 / Geoprobe | |
| CASING MAT./DIA. PVC / 2-inch | | SCREEN: TYPE Slotted | | SAMPLING METHOD 2" Macro-Core | |
| ELEVATION OF: (Feet) | | GROUND SURFACE | | START-FINISH DATE 7/22/15-7/22/15 | |
| | | TOP OF WELL CASING | | TOTAL LENGTH 10.0ft | |
| | | TOP & BOTTOM SCREEN | | DIA. 2-inch | |
| | | GRAVEL PACK SIZES #4 | | SLOT SIZE 10-Slot | |

| Depth, feet | Visual Description | Blow Counts per 6" | PID Values (ppm) | REMARKS |
|-------------|---------------------------------|--------------------|------------------|---------|
| 0 | Backfill | | | |
| 0 - 5 | Fill material | | | |
| 5 | Native soils, gray, sticky clay | | | |
| 10 | | | | |
| 15 | | | | |
| 20 | | | | |

BORING/FEET UTLX - EL DORADO_2.GPJ ROUX.GDT 10/21/15

