

County: Russell Fraction: W2 NW NW SW Sec. 35 T 14 S R 14 W

CORRECTION(S) TO WATER WELL COMPLETION RECORD (WWC-5) - to rectify lacking or incorrect information

Owner: Kansas Dept. of Health and Environment

If corrected, location was listed as:

Location changed to:

Section-Township-Range: _____

Fraction (1/4 1/4 1/4): _____

Other changes: Initial statements: Depth: 1727.2

Static Water Level: 1736.66

Changed to: Depth: 41.51

Static Water Level: 32.05

Comments: All depths are given as elevations above sea level; to convert to depths below ground surface, subtract given values from ground elevation.

~~Verification method:~~ Values have been changed in KGS database.

Initials: DRJ Date: 1/16/2018

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Avenue, Lawrence, KS 66047-3724

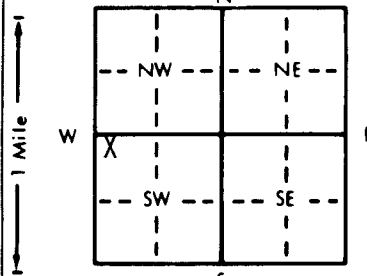
Kansas Dept. of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367

1 LOCATION OF WATER WELL: County: **Russell** Fraction: **CW 1/2 of NW 1/4 SW 1/4** Section Number: **35** Township Number: **T 14 S** Range Number: **R 14 X & W**

Distance and direction from nearest town or city street address of well if located within city?
2337.95'N & 5078.26W of SE Sec. Corner **5 mile So. on 281 Hwy. from I-70 at Russell, KS**

2 WATER WELL OWNER: **Kansas Dept. of Health & Environment** MW02
 RR#, St. Address, Box #: **Forbes Field, Bldg. 740** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: **Topeka, KS 66620** Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: **1727.2** ft. ELEVATION: **GS 1768.71 TOC 1770.45**



Depth(s) Groundwater Encountered 1. **1727.2** ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL **1736.66** ft. below land surface measured on **mo/day/yr** **071592**
 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 **7.63** in. to **1727.7** ft., and _____ in. to _____ ft.
 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 Lawn and garden only 10 Monitoring well **monitoring well**
 Was a **chemical** bacteriological sample submitted to Department? Yes _____ No _____; If yes, mo/day/yr sample was submitted **Part of RFP 28367** Water Well Disinfected? Yes _____ No **No**

5 TYPE OF BLANK CASING USED: 1 **PVC** 2 Steel 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) CASING JOINTS: Glued _____ Clamped _____ Welded _____ Threaded **XXX**

Blank casing diameter **2.38** in. to **1737.2** ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface **1.74** ft. weight **0.70** lbs./ft. Wall thickness or gauge No. **Sch. 40-0.154"**

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 **PVC** 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 **Mill slot** 0.02 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From **1727.2** ft. to **1737.2** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
6" blank bottom plug From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **1727.2** ft. to **1743.7** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
natural + 8 x 16 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 **Bentonite** 4 **Other** Bentonite Pellets

Grout Intervals: From **1768.71** ft. to **1742.2** ft., From _____ ft. to _____ ft., From **1743.7** ft. to **1742.2** ft.
 What is the nearest source of possible contamination: 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 **Oil well/Gas well** 16 Other (specify below)

Direction from well? **north** How many feet? **1000**

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|--------|--------|---|------|----|--------------------------------|
| 1768.7 | 1761.7 | clay, brown, with some sand (topsoil) | | | colored sand. |
| 1761.7 | 1757.7 | clay brown | | | Cretaceous Granerous/Dakota SS |
| 1757.7 | 1750.7 | clay, brown, moist with sand | | | |
| 1750.7 | 1744.7 | sand poorly sorted with silt and clay | | | |
| 1744.7 | 1741.7 | sand, F-M grained with clay | | | |
| 1741.7 | 1742.7 | clay, moist | | | |
| 1742.7 | 1737.7 | sand, F-M grained with clay | | | |
| 1737.7 | 1730.2 | sand & gravel, coarse to v. coarse poorly sorted with interbedded clay lenses, wet | | | |
| 1730.2 | 1726.7 | shale, grey, weathered to unweathered with some to slight content of very fine buff | | | |

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) **071592** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **483** This Water Well Record was completed on (mo/day/yr) **090292** under the business name of **Total Environmental Services & Technologies** (signature) *Dwight Binkley*

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, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

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