

WATER WELL RECORD Form WWC-5

☒ Original Record ☐ Correction ☐ Change in Well Use

Division of Water
Resources App. No.

Well ID **AMW-1**

1 LOCATION OF WATER WELL:

County: **Sedgwick**

Fraction

SE 1/4 SW 1/4 SE 1/4 SW 1/4

Section Number

4

Township Number

T 27 S

Range Number

R 1 E

2 WELL OWNER: Last Name:

First:

Business: **Evergreen Resources Management Operations**

Address: **2 Righter Parkway, Suite 200**

Address:

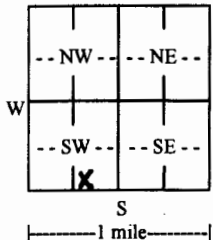
City: **Wilmington**

State: **DE** ZIP: **19803**

Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: ☒

750 E 21st Street N, Wichita

3 LOCATE WELL WITH "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 23 ft.

Depth(s) Groundwater Encountered: 1) ft.

2) ft. 3) ft., or 4) ☐ Dry Well

WELL'S STATIC WATER LEVEL: 11.4 ft.

☒ below land surface, measured on (mo-day-yr) 9/19/16

☐ above land surface, measured on (mo-day-yr)

Pump test data: Well water was ft.

after hours pumping gpm

Well water was ft.

after hours pumping gpm

Estimated Yield: gpm

Bore Hole Diameter: 8.25 in. to 25 ft. and

..... in. to ft.

5 Latitude: 37.722715 (decimal degrees)

Longitude: -97.329124 (decimal degrees)

Horizontal Datum: ☒ WGS 84 ☐ NAD 83 ☐ NAD 27

Source for Latitude/Longitude:

☐ GPS (unit make/model:)

(WAAS enabled? ☐ Yes ☐ No)

☐ Land Survey ☐ Topographic Map

☒ Online Mapper: **Google Earth**

6 Elevation: ft. ☐ Ground Level ☐ TOC

Source: ☐ Land Survey ☐ GPS ☐ Topographic Map

☐ Other

7 WELL WATER TO BE USED AS:

1. Domestic:

☐ Household

☐ Lawn & Garden

☐ Livestock

2. ☐ Irrigation

3. ☐ Feedlot

4. ☐ Industrial

5. ☐ Public Water Supply: well ID

6. ☐ Dewatering: how many wells?

7. ☐ Aquifer Recharge: well ID

8. ☒ Monitoring: well ID **AMW-1**

9. Environmental Remediation: well ID

☐ Air Sparge ☐ Soil Vapor Extraction

☐ Recovery ☐ Injection

10. ☐ Oil Field Water Supply: lease

11. Test Hole: well ID

☐ Cased ☐ Uncased ☐ Geotechnical

12. Geothermal: how many bores?

a) Closed Loop ☐ Horizontal ☐ Vertical

b) Open Loop ☐ Surface Discharge ☐ Inj. of Water

13. ☐ Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? ☐ Yes ☒ No If yes, date sample was submitted:

Water well disinfected? ☐ Yes ☒ No

8 TYPE OF CASING USED: ☐ Steel ☒ PVC ☐ Other CASING JOINTS: ☐ Glued ☐ Clamped ☐ Welded ☒ Threaded

Casing diameter 2 in. to 8 ft., Diameter in. to ft., Diameter in. to ft.

Casing height above land surface 6 in. Weight lbs./ft. Wall thickness or gauge No. **Sch. 40**

TYPE OF SCREEN OR PERFORATION MATERIAL:

☐ Steel ☐ Stainless Steel ☐ Fiberglass ☒ PVC

☐ Brass ☐ Galvanized Steel ☐ Concrete tile ☐ None used (open hole)

☐ Other (Specify)

SCREEN OR PERFORATION OPENINGS ARE:

☐ Continuous Slot ☒ Mill Slot ☐ Gauze Wrapped ☐ Torch Cut ☐ Drilled Holes ☐ Other (Specify)

☐ Louvered Shutter ☐ Key Punched ☐ Wire Wrapped ☐ Saw Cut ☐ None (Open Hole)

SCREEN-PERFORATED INTERVALS: From 8 ft. to 23 ft., From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 6 ft. to 25 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☒ Other **Concrete**

Grout Intervals: From 0 ft. to 1 ft., From 1 ft. to 6 ft., From ft. to ft.

Nearest source of possible contamination:

☐ Septic Tank ☐ Lateral Lines ☐ Pit Privy ☐ Livestock Pens ☐ Insecticide Storage

☐ Sewer Lines ☐ Cess Pool ☐ Sewage Lagoon ☐ Fuel Storage ☐ Abandoned Water Well

☐ Watertight Sewer Lines ☐ Seepage Pit ☐ Feedyard ☐ Fertilizer Storage ☐ Oil Well/Gas Well

☒ Other (Specify) **Contaminated site (former refinery)**

Direction from well? Distance from well? ft.

10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS

0 0.5 Concrete (sidewalk)

0.5 2 Fill sand

2 4 Clay, Reddish Black

4 6.5 Sand w/Clay, Weak Red

6.5 12.5 Sand, clayey, Red

12.5 13 Clay, Dusky Red

13 25 Sand, Weak Red

Notes:

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☒ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo-day-year) **9/19/2016** and this record is true to the best of my knowledge and belief.

Kansas Water Well Contractor's License No. **527** This Water Well Record was completed on (mo-day-year) **10/17/2016**

under the business name of **GeoCore Inc.** Signature **[Signature]**

Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section,

1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

Visit us at <http://www.kdheks.gov/waterwell/index.html>

KSA 82a-1212

Revised 7/10/2015



Google Earth

feet 400
meters 100



Former Barnsdall Refinery, currently owned by Evergreen Resources Management Operations

Facility address:

Between E 25th & E 29th Streets and N Broadway & Mead Streets, Wichita

GPS Coordinates:

AMW-1: 37.722715, -97.329124

AMW-2: 37.722540, -97.327303