

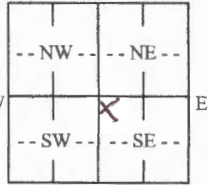
WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. Well ID MW-10

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: <u>Harvey</u>	Fraction NW ¼ NW ¼ NW ¼ SE ¼	Section Number <u>35</u>	Township Number T <u>23</u> S	Range Number R <u>2</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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2 WELL OWNER: Last Name: <u>Farmers Union Cooperative</u> Business: <u>Farmers Union Cooperative</u> Address: <u>302 west 1st street</u> Address: City: <u>Halstead</u> State: <u>KS</u> ZIP: <u> </u>	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: <input checked="" type="checkbox"/>
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3 LOCATE WELL WITH "X" IN SECTION BOX: N  W E S -----1 mile-----	4 DEPTH OF COMPLETED WELL: <u>38</u> ft. Depth(s) Groundwater Encountered: 1) <u>16.75</u> ft. 2) <u> </u> ft. 3) <u> </u> ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: <u> </u> ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr) <u> </u> <input type="checkbox"/> above land surface, measured on (mo-day-yr) <u> </u> Pump test data: Well water was <u> </u> ft. after <u> </u> hours pumping <u> </u> gpm Well water was <u> </u> ft. after <u> </u> hours pumping <u> </u> gpm Estimated Yield: <u> </u> gpm Bore Hole Diameter: <u>8.75</u> in. to <u>40</u> ft. and <u> </u> in. to <u> </u> ft.	5 Latitude: <u>38.005492</u> (decimal degrees) Longitude: <u>-97.508550</u> (decimal degrees) Horizontal Datum: <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input checked="" type="checkbox"/> GPS (unit make/model: <u>phone</u>) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper: <u> </u>
6 Elevation: <u>NA</u> ft. <input type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input checked="" type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other <u> </u>		

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	5. <input type="checkbox"/> Public Water Supply: well ID <u> </u> 6. <input type="checkbox"/> Dewatering: how many wells? <u> </u> 7. <input type="checkbox"/> Aquifer Recharge: well ID <u> </u> 8. <input checked="" type="checkbox"/> Monitoring: well ID <u>MW-10</u> 9. Environmental Remediation: well ID <u> </u> <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease <u> </u> 11. Test Hole: well ID <u> </u> <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? <u> </u> a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify): <u> </u>
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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 28 ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface 0 in. Weight lbs./ft. Wall thickness or gauge No. Sch 40
TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel Fiberglass PVC Other (Specify)
 Brass Galvanized Steel Concrete tile None used (open hole)
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 28 ft. to 38 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 26 ft. to 38 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
Grout Intervals: From 0 ft. to 26 ft., From ft. to 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)
Direction from well? Distance from well? ft.

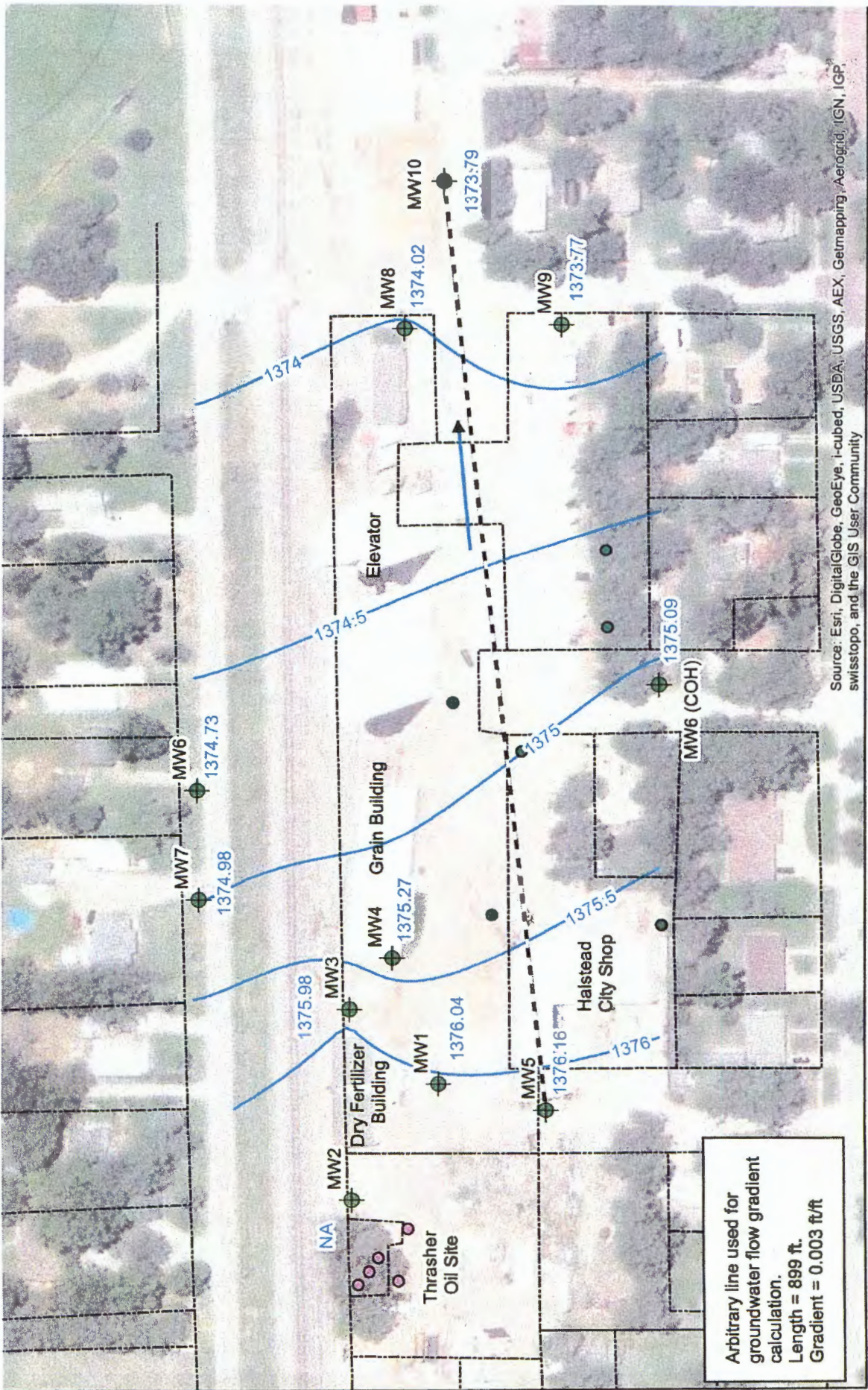
10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	10	Silty Clay, dark brown, moist, plastic, no odor			wet, no odor
10	15	Silty Clay, light brown, moist, plastic, no odor			
15	25	Silty Clay, light brown, moist to wet, plastic, no odor			
25	30	Silty Clay, light brown, moist, sandy, no odor			
30	38	Sand, gray to orange, fine to medium,			

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) 10-8-2019 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 604 This Water Well Record was completed on (mo-day-year) 10/28/19 under the business name of Environmental Priority Service, Inc. Signature P. A. S. M. T.

Harvey

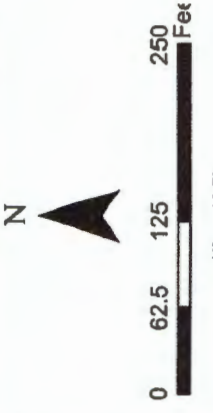
NW NW NW SE

sec 35 T23 R2W



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Figure 2 - Groundwater Flow Map



Farmers Cooperative Elevator; Halstead	
302 W. 1st St. Halstead, Kansas	Spot: T23S, R2W, Sec 35
Drafter: JL	Date Sampled: 10/10/19
	900 N. Tyler, Suite 14 Wichita KS 67212

Legend

- Farmers Coop MWs
- City of Halstead MWs
- BNSF MWs
- Parcel Boundary
- Groundwater Surface Contour
- 1442.98 Static Water Level FMSL