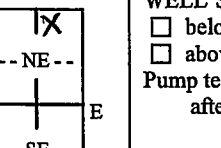


☒ Original Record ☐ Correction ☐ Change in Well Use

Well ID

MW4

1 LOCATION OF WATER WELL: County: Wyandotte		Fraction SE ¼ NW ¼ NE ¼ NE ¼	Section Number 20	Township Number T 11 S	Range Number R 25 E W																																																						
2 WELL OWNER: Last Name First Business Kansas Dept of Health & Environment Address 1000 SW Jackson St., Suite 400 City Topeka State: KS ZIP 66612-1367		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 type="checkbox"/> 2105 Kansas Avenue, Armourdale																																																									
3 LOCATE WELL WITH "X" IN SECTION BOX: N  S W E [1 mile]	4 DEPTH OF COMPLETED WELL:55..... ft. Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr)..... <input type="checkbox"/> 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..... in. to55..... ft. and in. to ft.		5 Latitude:39.087079.....(decimal degrees) Longitude:-94.652138.....(decimal degrees) <u>Horizontal Datum:</u> <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 <u>Source for Latitude/Longitude:</u> <input type="checkbox"/> GPS (unit make/model:) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input checked="" type="checkbox"/> Online Mapper: Google Earth																																																								
	6 Elevation: ~753.....ft. <input checked="" type="checkbox"/> Ground Level <input type="checkbox"/> TOC <u>Source:</u> <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input checked="" type="checkbox"/> Other Google Earth																																																										
7 WELL WATER TO BE USED AS: 1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial 5. <input type="checkbox"/> Public Water Supply: well ID 6. <input type="checkbox"/> Dewatering: how many wells? 7. <input type="checkbox"/> Aquifer Recharge: well ID 8. <input checked="" type="checkbox"/> Monitoring: well IDMW-4 9. Environmental Remediation: well ID <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 11. Test Hole: well ID <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? 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):																																																											
Was a chemical/bacteriological sample submitted to KDHE? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, date sample was submitted: Water well disinfected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																																											
8 TYPE OF CASING USED: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other CASING JOINTS: <input type="checkbox"/> Glued <input type="checkbox"/> Clamped <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Threaded Casing diameter2..... in. to35..... ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surfaceFlush..... in. Weight lbs./ft. Wall thickness or gauge No. Sch. 40..... TYPE OF SCREEN OR PERFORATION MATERIAL: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Fiberglass <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Brass <input type="checkbox"/> Galvanized Steel <input type="checkbox"/> Concrete tile <input type="checkbox"/> None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: <input type="checkbox"/> Continuous Slot <input checked="" type="checkbox"/> Mill Slot <input type="checkbox"/> Gauze Wrapped <input type="checkbox"/> Torch Cut <input type="checkbox"/> Drilled Holes <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Louvered Shutter <input type="checkbox"/> Key Punched <input type="checkbox"/> Wire Wrapped <input type="checkbox"/> Saw Cut <input type="checkbox"/> None (Open Hole) SCREEN-PERFORATED INTERVALS: From35..... ft. to55..... ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From33..... ft. to55..... ft., From ft. to ft., From ft. to ft.																																																											
9 GROUT MATERIAL: <input type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Other Concrete Grout Intervals: From0..... ft. to1..... ft., From1..... ft. to33..... ft., From ft. to ft. Nearest source of possible contamination: <input type="checkbox"/> Septic Tank <input type="checkbox"/> Lateral Lines <input type="checkbox"/> Pit Privy <input type="checkbox"/> Livestock Pens <input type="checkbox"/> Insecticide Storage <input type="checkbox"/> Sewer Lines <input type="checkbox"/> Cess Pool <input type="checkbox"/> Sewage Lagoon <input type="checkbox"/> Fuel Storage <input type="checkbox"/> Abandoned Water Well <input type="checkbox"/> Watertight Sewer Lines <input type="checkbox"/> Seepage Pit <input type="checkbox"/> Feedyard <input type="checkbox"/> Fertilizer Storage <input type="checkbox"/> Oil Well/Gas Well <input checked="" type="checkbox"/> Other (Specify) Contaminated site..... Direction from well? Distance from well? ft.																																																											
<table border="1" style="width:100%;"> <thead> <tr> <th>10 FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>LITHO. LOG (cont.) or PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>15</td> <td>Clay, tr. sand, Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>15</td> <td>20</td> <td>Sand (c-v), clayey, Yellow Brn Gray</td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>25</td> <td>Clay, tr. sand, Brown to Dark Gray</td> <td></td> <td></td> <td></td> </tr> <tr> <td>25</td> <td>30</td> <td>Sand, clayey, Yellow Brn Gray to Dk Brn</td> <td></td> <td></td> <td></td> </tr> <tr> <td>30</td> <td>55</td> <td>Sand, c-v, Yellow Brn Gray</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	0	15	Clay, tr. sand, Brown				15	20	Sand (c-v), clayey, Yellow Brn Gray				20	25	Clay, tr. sand, Brown to Dark Gray				25	30	Sand, clayey, Yellow Brn Gray to Dk Brn				30	55	Sand, c-v, Yellow Brn Gray																						Notes: KDHE Project #C41-05-72192			
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11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, <input type="checkbox"/> reconstructed, or <input type="checkbox"/> plugged under my jurisdiction and was completed on (mo-day-year) 11/2/2021..... 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) 11/10/2021..... under the business name of GeoCore, LLC..... 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																																																											



Project Site:

Armourdale Refinery
2105 Kansas Avenue, Armourdale
KDHE Project #C41-05-72192

GPS Coordinates:

MW3: 39.086691, -94.60775
MW6: 39.084281, -94.65111

MW4: 39.087079, -94.652138

MW5: 39.084413, -94.651966