

WATER WELL RECORD Form WWC-5

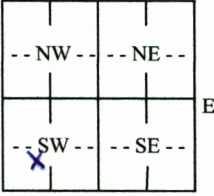
Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID MW-33D

1 LOCATION OF WATER WELL: County: <u>Riley</u>	Fraction <u>SW 1/4 NE 1/4 SW 1/4 SW 1/4</u>	Section Number <u>7</u>	Township Number <u>T 10 S</u>	Range Number <u>R 8 E W</u>
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2 WELL OWNER: Last Name: <u>KDHE</u> Business: <u>KDHE</u> Address: <u>1000 SW Jackson Street, Suite 420</u> Address: City: <u>Topeka</u> State: <u>KS</u> ZIP: <u>66612-1367</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 type="checkbox"/>
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3 LOCATE WELL WITH "X" IN SECTION BOX: N  S -----1 mile-----	4 DEPTH OF COMPLETED WELL: <u>60</u> ft. Depth(s) Groundwater Encountered: 1) <u>27.0</u> ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: <u>19.1</u> ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) <u>12-17-2022</u> <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: <u>8.75</u> in. to <u>60</u> ft. and in. to ft.	5 Latitude: <u>39.19198</u> (decimal degrees) Longitude: <u>96.55477</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 type="checkbox"/> GPS (unit make/model:) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:
		6 Elevation: <u>1007.06</u> ft. <input type="checkbox"/> Ground Level <input checked="" type="checkbox"/> TOC Source: <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other

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	10. <input type="checkbox"/> Oil Field Water Supply: lease
2. <input type="checkbox"/> Irrigation	6. <input type="checkbox"/> Dewatering: how many wells?	11. Test Hole: well ID
3. <input type="checkbox"/> Feedlot	7. <input type="checkbox"/> Aquifer Recharge: well ID	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
4. <input type="checkbox"/> Industrial	8. <input checked="" type="checkbox"/> Monitoring: well ID <u>MW-33D</u>	12. Geothermal: how many bores?
	9. Environmental Remediation: well ID	a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
	<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
	<input type="checkbox"/> Recovery <input type="checkbox"/> Injection	13. <input type="checkbox"/> 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 50 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 .50 ft. to 60 ft., From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From .48 ft. to 60 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other cement pad

Grout Intervals: From 1 ft. to .48 ft., From 0 ft. to .1 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

Other (Specify) Dry Cleaners

Direction from well? west northeast Distance from well? 500 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	1	Topsoil	30	50	Sand, brown, fine to medium, saturated
1	5	Silty Clay, brown, moist, plastic, sandy	50	59	Sand, brown, medium, saturated
5	10	Sandy Clay, dark brown, moist, plastic, silt			
10	15	Silty Sand, dark brown, moist, plastic			
15	25	Sand, brown, fine to medium, moist to wet			
25	30	Sand, dark brown, medium, saturated	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) 12-14-2021 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) 2/14/22 under the business name of Environmental Priority Service, Inc. Signature [Signature]



HABITAT ARCHITECTS

Drawn By: R Bath
 Project Manager: J Polak
 Date: 08/30/2021

FIGURE 2
PROPOSED MONITORING WELL LOCATIONS
CINDERELLA CLEANERS and STICKEL CLEANERS
MANHATTAN, KANSAS

RECEIVED
FEB 23 2022
BUREAU OF WATER

KDHE#: C5-081-70782

Source: NAIIP 2019 || Location: SE 1/4 of Sec 7 and the SW 1/4 of Sec 8 - T10S - R8E, Riley County and Pottawatomie County, KS

RECEIVED

FEB 23 2022

BUREAU OF WATER

DENNIS L HANDKE

1820 NW 59th Terrace
TOPEKA, KANSAS 66618
785-286-4047 Home

January 21, 2022

Jonathan Polak
Habitat Architects
3904 East 185th Street
Belton, Missouri 64012

RE: Monitor Well Elevation Survey
Manhattan, Kansas

Proj. 22-00B
Cinderella Cleaners and Stickel Cleaners
C5-081-70782

Bench Mark: Chisled Square on NE corner of concrete signal light base at NE corner of Hayes Dr. & McCall Rd.

Elev: 1008.24 North 55.35 West 4591.88 (from SE Cor. Sec. 8-10-8E)

✓ MW-29S	rim	1010.73	North	65.34	SW1/4,SE1/4,SE1/4,SE1/4 (Sec. 7-10-8E)
	top pipe	1010.20	West	5976.67	Lat= 39.18970 Long = 96.55960
✓ MW-29D	rim	1010.73	North	61.72	SW1/4,SE1/4,SE1/4,SE1/4 (Sec. 7-10-8E)
	top pipe	1010.18	West	5975.27	Lat= 39.18969 Long = 96.55960
✓ MW-30S	rim	1010.09	North	251.08	SE1/4,SE1/4,SE1/4,SE1/4 (Sec. 7-10-8E)
	top pipe	1009.60	West	5556.11	Lat= 39.19020 Long = 96.55812
✓ MW-30D	rim	1010.05	North	248.38	SE1/4,SE1/4,SE1/4,SE1/4 (Sec. 7-10-8E)
	top pipe	1009.60	West	5556.76	Lat= 39.19021 Long = 96.55812
✓ MW-31S	rim	1010.25	North	180.76	SE1/4,SE1/4,SE1/4,SE1/4 (Sec. 7-10-8E)
	top pipe	1009.61	West	5546.39	Lat= 39.19002 Long = 96.55808
✓ MW-31D	rim	1010.02	North	176.86	SE1/4,SE1/4,SE1/4,SE1/4 (Sec. 7-10-8E)
	top pipe	1009.53	West	5545.84	Lat= 39.19000 Long = 96.55808
✓ MW-32S	rim	1007.35	North	604.58	NE1/4,SW1/4,SW1/4,SW1/4
	top pipe	1006.84	West	4700.75	Lat= 39.19119 Long = 96.55512
✓ MW-32D	rim	1007.35	North	603.93	NE1/4,SW1/4,SW1/4,SW1/4
	top pipe	1006.84	West	4705.04	Lat= 39.19119 Long = 96.55510
✓ MW-33S	rim	1007.70	North	892.90	SW1/4,NE1/4,SW1/4,SW1/4
	top pipe	1007.06	West	4610.81	Lat= 39.19198 Long = 96.55479
✓ MW-33D	rim	1007.68	North	893.13	SW1/4,NE1/4,SW1/4,SW1/4
	top pipe	1007.12	West	4606.23	Lat= 39.19198 Long = 96.55477
✓ MW-34S	rim	1007.54	North	1288.87	NE1/4,NE1/4,SW1/4,SW1/4
	top pipe	1006.97	West	4624.71	Lat= 39.19307 Long = 96.55483
✓ MW-34D	rim	1007.42	North	1289.06	NE1/4,NE1/4,SW1/4,SW1/4
	top pipe	1006.92	West	4621.09	Lat= 39.19307 Long = 96.55484