

WATER WELL RECORD Form WWC-5

☐ Original Record ☐ Correction ☐ Change in Well Use

Division of Water
Resources App. No.

Well ID MW-5

1 LOCATION OF WATER WELL: County: SALINE		Fraction $\frac{1}{4}$ $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$	Section Number 12	Township Number T 14 S	Range Number R 3 <input type="checkbox"/> E <input checked="" type="checkbox"/> W																																																						
2 WELL OWNER: Last Name: CHOPP Business: MARION L CHOPP TRUST Address: P.O. BOX 167 Address: City: SALINA State: KS ZIP: 67402-0167		First: MARION 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"/> 616 E. NORTH STREET SALINA KS 67401																																																									
3 LOCATE WELL WITH "X" IN SECTION BOX: <div style="text-align: center;">N</div> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">W</td> <td style="width: 40px; height: 40px; text-align: center;">NW</td> <td style="width: 40px; height: 40px; text-align: center;">NE</td> <td style="width: 20px; text-align: center;">E</td> </tr> <tr> <td></td> <td style="text-align: center;">SW</td> <td style="text-align: center;">SE</td> <td></td> </tr> <tr> <td></td> <td colspan="2" style="text-align: center;">S</td> <td></td> </tr> </table> <div style="text-align: center;">-----1 mile-----</div>		W	NW	NE	E		SW	SE			S			4 DEPTH OF COMPLETED WELL: 45 ft. Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 31.2 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 01/9/19 <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: 4 in. to 20 ft. and 3.25 in. to 45 ft.		5 Latitude: 38.848129 (decimal degrees) Longitude: 97.602718 (decimal degrees) Horizontal Datum: <input type="checkbox"/> WGS 84 <input checked="" 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 type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:																																											
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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 ID MW-5 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 diameter 1 in. to 45 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: <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: From 35 ft. to 45 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 33 ft. to 46 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 CEMENTED FROM 0 TO 3FT Grout Intervals: From 3 ft. to 33 ft., From ft. to 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 type="checkbox"/> Other (Specify) Direction from well? Distance from well? ft.																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">10 FROM</th> <th style="width:10%;">TO</th> <th style="width:40%;">LITHOLOGIC LOG</th> <th style="width:10%;">FROM</th> <th style="width:10%;">TO</th> <th style="width:20%;">LITHO. LOG (cont.) or PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>.5</td> <td>FILL MATERIAL</td> <td>33</td> <td>34</td> <td>SAND WITH LITTLE SILT, TAN</td> </tr> <tr> <td>.5</td> <td>2.5</td> <td>SILT WITH CLAY, BROWN, MOIST</td> <td>34</td> <td>45</td> <td>SAND WITH LITTLE FINE GRAVEL</td> </tr> <tr> <td>2.5</td> <td>16</td> <td>SILT WITH LITTLE CLAY, BROWN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>16</td> <td>21</td> <td>SILT WITH VERY FINE SAND, TAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>21</td> <td>23.5</td> <td>SAND WITH SOME SILT TAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>23.5</td> <td>24.5</td> <td>SILT AND CLAY, BROWN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>24.5</td> <td>28</td> <td>SILT WITH LITTLE SAND, TAN</td> <td colspan="3" rowspan="3">Notes:</td> </tr> <tr> <td>28</td> <td>29</td> <td>CLAY WITH SILT AND LITTLE SAND</td> </tr> <tr> <td>29</td> <td>33</td> <td>SILT AND SAND WITH LITTLE CLAY</td> </tr> </tbody> </table>						10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	0	.5	FILL MATERIAL	33	34	SAND WITH LITTLE SILT, TAN	.5	2.5	SILT WITH CLAY, BROWN, MOIST	34	45	SAND WITH LITTLE FINE GRAVEL	2.5	16	SILT WITH LITTLE CLAY, BROWN				16	21	SILT WITH VERY FINE SAND, TAN				21	23.5	SAND WITH SOME SILT TAN				23.5	24.5	SILT AND CLAY, BROWN				24.5	28	SILT WITH LITTLE SAND, TAN	Notes:			28	29	CLAY WITH SILT AND LITTLE SAND	29	33	SILT AND SAND WITH LITTLE CLAY
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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) 01/7/2019 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 709 This Water Well Record was completed on (mo-day-year) 01/10/2019 under the business name of PLAINS ENVIRONMENTAL SERVICES, INC. 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

Saline

12-T14-R3W



Figure 1: 616 East North Street Site -- Monitor Well Locations

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BUREAU OF WATER

Salina

12-T14-R3W

742 DUVALL AVE
SALINA, KANSAS 67401
www.kveng.com

TEL: 785-823-3400

MOINTOR WELL REPORT

616 EAST NORTH STREET- SALINA, KANSAS

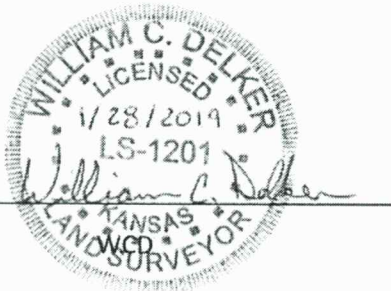
KVE PROJECT NUMBER E19S2213

MONITOR WELL NUMBER	COORDINATES		ELEVATIONS		DISTANCE FROM SE COR. S12-T14S-R3W	
	NORTHING	EASTING	TOP OF CASING	GROUND	NORTH	WEST
MW-1	187951.05	1425657.70	1222.47	1222.9	2582'	2315'
MW-2	187901.80	1425699.40	1222.50	1222.7	2532'	2273'
MW-3	187881.85	1425623.70	1222.21	1222.8	2513'	2349'
MW-4	187728.32	1425657.08	1221.75	1222.0	2359'	2316'
MW-5	187740.55	1425517.67	1221.55	1221.8	2371'	2455'
MW-6	187595.99	1425627.53	1222.62	1223.0	2227'	2345'

(1) COORDINATES ARE TO THE NORTH SIDE OF CASING PIPE.
COORDINATES ARE BASED ON KANSAS STATE PLANE NORTH, ZONE 1501, NAD 1983 U.S. SURVEY FEET.

(2) ELEVATIONS ARE BASED ON NAVD 1988 U.S. SURVEY FEET.

CERTIFICATION: THIS SURVEY WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND ACCURATE TO THE BEST OF MY BELIEF.



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