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

Salina
12-T14-R3W

WATER WELL RECORD Form WWC-5

☐ Original Record ☐ Correction ☐ Change in Well Use

Division of Water Resources App. No. _____ Well ID MW-6

1 LOCATION OF WATER WELL: County: SALINE | Fraction: ¼ ¼ NW ¼ SE ¼ | Section Number: 12 | Township Number: T 14 S | Range Number: R 3 ☐ E ■ W

2 WELL OWNER: Last Name: CHOPP First: MARION
Business: MARION L CHOPP TRUST
Address: P.O. BOX 167
Address:
City: SALINA State: KS ZIP: 67402-0167

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: ☐
616 E. NORTH STREET SALINA KS 67401

3 LOCATE WELL WITH "X" IN SECTION BOX:

N / W / E / S; NW, NE, SW, SE; |---------1 mile---------|

4 DEPTH OF COMPLETED WELL: 45 ft.
Depth(s) Groundwater Encountered: 1) ..... ft. 2) ..... ft. 3) ..... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 32.4 ft.
■ below land surface, measured on (mo-day-yr) 01/9/19
☐ 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: 38.847775 (decimal degrees)
Longitude: 97.602204 (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: .....

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 MW-6
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 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:
☐ 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 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: ☐ Neat cement ☐ Cement grout ■ Bentonite ■ 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:
☐ 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	.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			
28	29	CLAY WITH SILT AND LITTLE SAND			
29	33	SILT AND SAND WTH LITTLE CLAY			

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) 01/8/2019 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

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

TEL: 785-823-3400

MOINTOR WELL REPORT

616 EAST NORTH STREET- SALINA, KANSAS

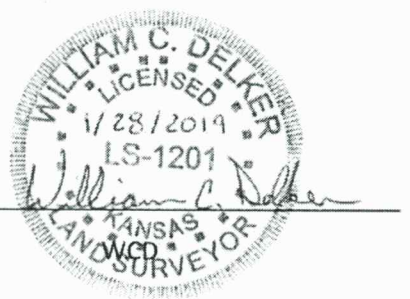
KVE PROJECT NUMBER E19S2213

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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