WATER WELL RECORD (WWC-5)

Constructed

KOLAR DOC ID 1770300 WELL ID MW1

✓ Original Record ☐ Correction ☐ Change in Well Use

LOCATION OF WATER WELL

Latitude	37.12743	Longitude	-96.18666	Section	34	Township	33	Range	11 ✓E ☐W	Fraction	SE ¼ SW ¼ SE ¼
Datum	WGS84	Elevation	867	County	Chautauqua						

WATER WELL OWNER

Name	
Business	KDHE (120 N. Chautauqua St
Address	1000 SW Jackson Topeka KS 66612
Well location ✓ at owner's address	120 N Chautauqua St, Sedan, KS

CONSTRUCTION

Borehole interval: from 0 to 43 ft. from ____ to ____ ft.

Borehole diameter: 7.25 in. ____ in.

Casing height above land surface: -0.51 in.

If casing height is less than 12 in. has a variance been approved?* ✓ Yes ☐ No

*variance not required for monitoring or environmental remediation wells

Casing type: ThermalPlastic

Blank casing interval: 0 ft. to 28 ft.

Blank casing diameter: 2 in.

Casing joints: Threaded

Weight: ____ lbs/ft.

Wall thickness or gauge no.: 0.154"

Blank casing interval: ____ ft. to ____ ft.

Blank casing diameter: ____ in.

Casing joints: ____

Weight: ____ lbs/ft.

Wall thickness or gauge no.: ____

Grout interval: 1 ft. to 26 ft.

Grout material: Bentonite

Grout interval: 0 ft. to 1 ft.

Grout material: Cement

Screen / perforation material: PVC

Screen / perforation openings: Mill slot

Screen / perforation intervals:

From 28 ft. to 43 ft.

Slot size ____ unit ____

From ____ ft. to ____ ft.

Slot size ____ unit ____

Gravel pack intervals:

Gravel pack not used: ☐ Gravel size ____ in

From 26 ft. to 43 ft.

Gravel pack not used: ☐ Gravel size ____ in

From ____ ft. to ____ ft.

WELL WATER USE

Environmental Remediation / Monitoring Mc

COMPLETION

Depth of completed well: 43 ft.

Depth(s) groundwater encountered:

(1) ____ ft.; (2) ____ ft.;

(3) ____ ft.; (4) ☐ dry well

Static water level in well: 35.35 ft.

✓ measured below land surface on (mm/dd/yy): 02/28/2024

☐ measured above land surface on (mm/dd/yy): ____

Estimated yield: ____ gpm

Water level was: ____ ft. after ____ hours pumping ____ gpm

Pump installed? ☐ Yes ✓ No

Water well disinfected? ☐ Yes ☐ No

Date disinfected (mm/dd/yy): ____

Aquifer, if known:

NEAREST SOURCE OF POTENTIAL CONTAMINATION

Source: Fuel storage

Distance from well: 5 Direction from well: N

Source description: ____

Source: ____

Distance from well: ____ Direction from well: ____

Source description: ____

☐ No potential source of contamination within 100 feet.

PERMIT & ID NUMBERS (AS REQUIRED)

DWR Application No.: ____

KDHE / EPA Project Code: U3-010-15342

Site Name: 120 N. Chautauqua Street, Sedan

KDHE UIC Class V Form Completed: ☐ Yes ☐ No

County Permit: ☐ Yes ☐ No Permit ID: ____

Lease Name & Well #: ____

# of boreholes: ____ # of dewatering wells: ____

LITHOLOGIC LOG

FROM	TO	LITHOLOGY INTERVALS
0	1.5	topsoil
1.5	4	clay,sandy
4	43	sandstone,unknown

COMMENTS

CONTRACTOR'S OR LANDOWNERS CERTIFICATION

This water well was constructed ✓ reconstructed ☐ pursuant to the stated water well contractor's license and was completed on 02/27/2024. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on 04/05/2024 under the business name of Larsen And Associates, Kansas Water Well Contractor's License No. 757 under the authority of the designated person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the designated person at its submittal: Donald Beemer.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well.

NOTE: Figures exhibited within this report are only to be used within the context of this report. Placement of property lines, wells, structures, and roads is based on the available information from county appraiser maps, surveys, site visits, and/or previous vendor reports and should be considered approximate.

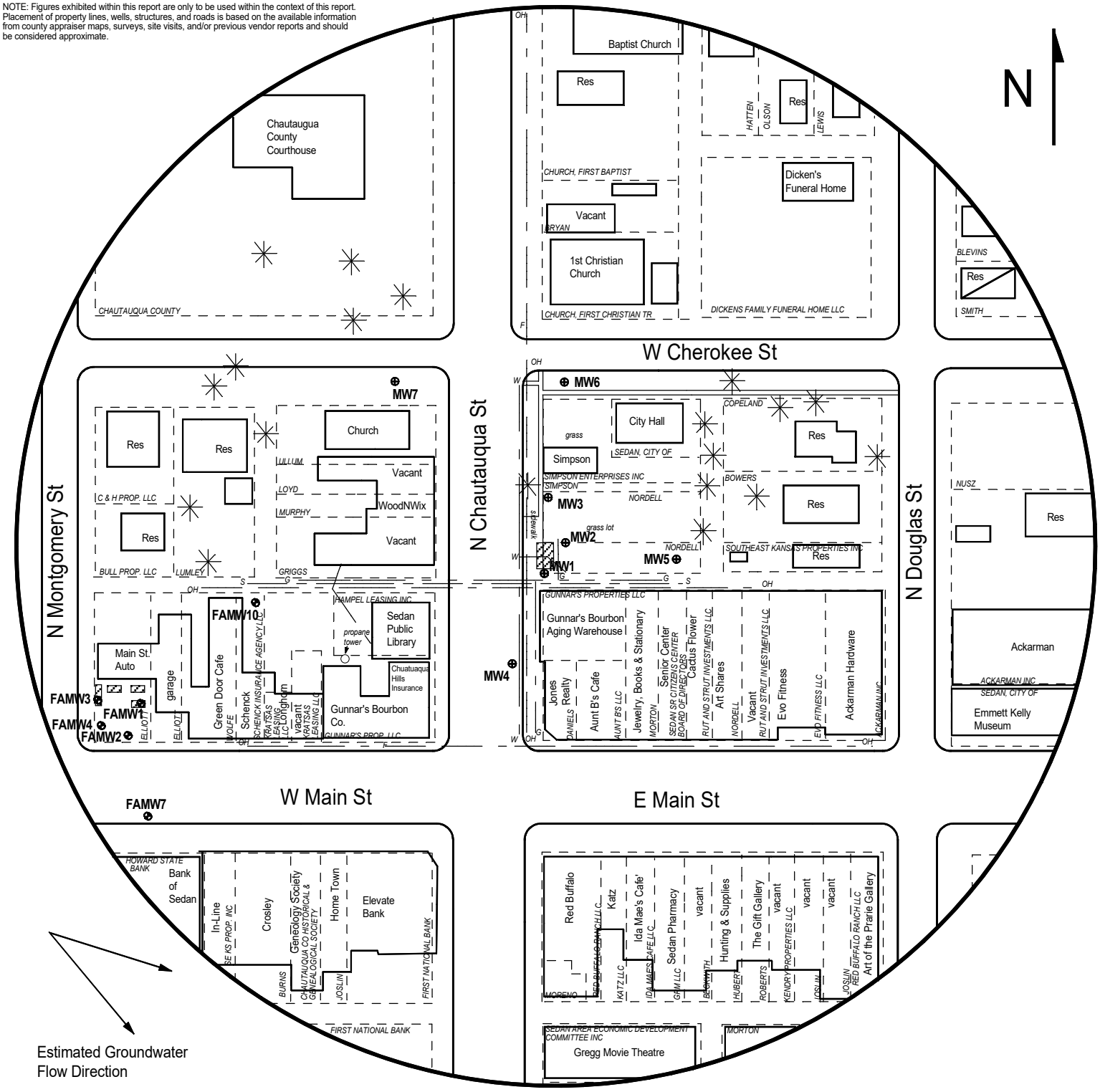

FIGURE 2 - 500 FT RADIUS AREA BASE MAP

larsen & ASSOCIATES, INC.

1311 E 25th St., Suite B
Lawrence, KS 66046
(785) 841-8707 office

PROJECT:

120 North Chautauqua Street, Sedan
120 North Chautauqua Street,
Sedan, KS
KDHE ID: U3-010-15342
Date: 1/23/24

0 100 feet

LEGEND:

- Approximate Location of Former UST Basin
- Building with Basement
- Proposed Monitoring Well
- Monitoring Well (Former Amoco Sedan)
- X Proposed Soil Boring
- OH Overhead Lines (25-40 ft high)
- S Sewer (2 - 6 ft BGS)
- G Gas (2 - 6 ft BGS)
- W Water (2 - 6 ft BGS)

NOTE: SB5 and SB6 will be drilled to collect hydrological samples.
NOTE: Utility depths, heights and locations are approximate.

DENNIS L HANDKE

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

Jess Chapman
Larsen & Associates
1311 E. 25th Street, Suite B
Lawrence, Kansas, 66046

March 23, 2024

RE: Monitor Well Elevation Survey
120 N. Chautauqua Street, Sedan, Kansas

Proj. 24-00O
120 N. Chautauqua St.
U3-010-15342

Bench Mark: Chisled Square near the SE corner of concrete sign base North of entrance to the property West of sidewalk.
Elevation: 867.88 North 237.95 West 1492.42 (from SE Cor. Sec. 34-33-11E)

MW-1	rim	856.86	North	194.04	SE1/4,SE1/4,SW1/4,SE1/4
	top pipe	856.35	West	1483.35	Lat= 37.12743 Long = 96.18666
MW-2	rim	856.58	North	218.34	SE1/4,SE1/4,SW1/4,SE1/4
	top pipe	856.15	West	1461.90	Lat= 37.12750 Long = 96.18659
MW-3	rim	857.91	North	247.64	SE1/4,SE1/4,SW1/4,SE1/4
	top pipe	857.58	West	1480.63	Lat= 37.12758 Long = 96.18666
MW-4	rim	855.42	North	118.35	SE1/4,SE1/4,SW1/4,SE1/4
	top pipe	855.09	West	1507.80	Lat= 37.12722 Long = 96.18675
MW-5	rim	854.39	North	204.59	SE1/4,SE1/4,SW1/4,SE1/4
	top pipe	854.09	West	1376.08	Lat= 37.12746 Long = 96.18630
MW-6	rim	859.75	North	353.15	NE1/4,SE1/4,SW1/4,SE1/4
	top pipe	859.39	West	1473.17	Lat= 37.12787 Long = 96.18663
MW-7	rim	861.09	North	361.30	NE1/4,SE1/4,SW1/4,SE1/4
	top pipe	860.79	West	1612.42	Lat= 37.12789 Long = 96.18711

Lat & Long derived from Sedan 7.5' quad map. WGS 84.

Elevation established from NGS Bench Mark: SEDAN 1938 NAVD 88.

If you have any questions, please feel free to call me. Thank you for the opportunity to be of service to you.

Dennis L Handke RLS
LS-1786

DENNIS L HANDKE REGISTERED KANSAS LAND SURVEYOR
March 23, 2024