

County: Johnson Fraction: NW NW NE Sec. 34 T. 12 S R. 24 E

CORRECTION(S) to WATER WELL COMPLETION RECORD Form WWC-5 (to rectify lacking or incorrect information)

Owner: Shell Oil Products MW 16

If location corrected, was listed as:

Section-Township-Range: 33-12-24E

Fraction (¼ calls): NW NW NW NE

Location changed to:

34-12-24E

NW NW NE

Other changes: Initial statements: Latitude 38.9709 Longitude -94.7309

Changed to: Latitude 38.970691 Longitude -94.731828

Comments: added elevation 1050.89 and KDHE Project # U4-046-13893

Verification method: Lat/Long & Section corrected using Leoweb & Footages reported on Legal Survey, and Site Map received from KDHE.

Initials: DLS Date: 01/06/2022

Submitted by: ☒ Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3724
☐ Kansas Dept. of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367

1 LOCATION OF WATER WELL: County: Johnson		Fraction NW ¼ NW ¼ NW ¼ NE ¼		Section Number 33	Township No. T 12 S	Range Number R 24 <input checked="" type="checkbox"/> E <input type="checkbox"/> W																																																																		
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> . 8700 Long St., Lenexa, KS				Global Positioning System (GPS) information: Latitude: <u>N 38.9709</u> (in decimal degrees) Longitude: <u>W 94.7309</u> (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input checked="" type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model: <u>Garmin 60</u>) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input checked="" type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m																																																																				
2 WATER WELL OWNER: Shell Oil Products RR#, Street Address, Box #: 308 Wilcox #101 City, State, ZIP Code : Castle Rock, CO 80104																																																																								
3 LOCATE WELL WITH AN "X" IN SECTION BOX: <div style="text-align: center;"> </div>		4 DEPTH OF COMPLETED WELL <u>10</u> ft. Depth(s) Groundwater Encountered (1) ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr Pump test data: Well water was ft. after hours pumping gpm EST. YIELD gpm. Well water was ft. after hours pumping gpm Bore Hole Diameter <u>8</u> in. to ft., and in. to ft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below) <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input checked="" type="checkbox"/> Monitoring well Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, mo/day/yr sample was submitted Water well disinfected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																																																						
5 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 <u>2</u> in. to ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface in., Weight lbs./ft., Wall thickness or gauge No. <u>Sch. 40</u> TYPE OF SCREEN OR PERFORATION MATERIAL: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Brass <input type="checkbox"/> Galvanized Steel <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"/> None (open hole) <input type="checkbox"/> Louvered shutter <input type="checkbox"/> Key punched <input type="checkbox"/> Wire wrapped <input type="checkbox"/> Saw cut <input type="checkbox"/> Other (specify) SCREEN-PERFORATED INTERVALS: From <u>10</u> ft. to <u>4</u> ft., From ft. to ft. GRAVEL PACK INTERVALS: From <u>10</u> ft. to <u>3</u> ft., From ft. to ft. From ft. to ft., From ft. to ft.																																																																								
6 GROUT MATERIAL: <input type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other Grout Intervals: From <u>3</u> ft. to <u>1.5</u> ft., From ft. to ft., From ft. to ft. What is the 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"/> Other (specify below) <input type="checkbox"/> Sewer lines <input type="checkbox"/> Cesspool <input type="checkbox"/> Sewage lagoon <input checked="" 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 Direction from well Distance from well <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>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>10</td> <td>Silty clay</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> <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> <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>							FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	0	10	Silty clay																																																									
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS																																																																			
0	10	Silty clay																																																																						
7 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) <u>10/22/10</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>710</u> This Water Well Record was completed on (mo/day/year) <u>11/22/10</u> under the business name of <u>Below Ground Surface, Inc.</u> by (signature) <u>[Signature]</u>																																																																								
INSTRUCTIONS: Use typewriter or ball point pen. <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each <u>constructed</u> well. Visit us at http://www.kdheks.gov/waterwell/index.html .																																																																								

DENNIS L HANDKE

1326 NW GUDEN STREET

TOPEKA, KANSAS 66618

785-286-1990 Fax

785-217-5864 Cell

785-286-4047 Home

Rick Horner

November 2, 2010

URS Corporation

8300 College Blvd., Suite 200

Overland Park, Kansas, 66210

RE: Monitor Well Elevation Survey
8700 Long Street, Lenexa, KansasProj. 10-00AA
U4-046-13893
Shell Station

Bench Mark: Square cut on NE corner of concrete vacuum pad West of building.

Elev: 1052.50 North 5128.00 West 2200.00 (from SE Cor. Sec. 34-12-24)

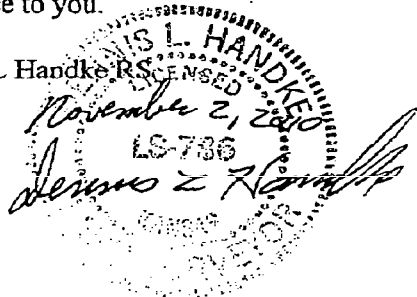
MW-13	rim	1053.08	North 4975.00	West 2286.00	NE1/4,NW1/4,NW1/4,NE/14
	top pipe	1052.52			Lat = 38-58-13 Long = 94-43-53
MW-14	rim	1035.09	North 5374.00	West 2508.00	SW1/4,SW1/4,SW1/4,SE/14
	top pipe	1034.84			Lat = 38-58-14 Long = 94-43-55
					(Sec. 27-12-24)
MW-15	rim	1051.46	North 5136.00	West 2327.00	NW1/4,NW1/4,NW1/4,NE/14
	top pipe	1051.06			Lat = 38-58-15 Long = 94-43-55
MW-16	rim	1050.89	North 5183.00	West 2337.00	NW1/4,NW1/4,NW1/4,NE/14
	top pipe	1050.19			Lat = 38-58-16 Long = 94-43-56

*use footages to calculate
decimal degrees**Wells locate incorrectly using above degrees,
Seconds may be a typo, note they equal the
MW #s. Used footages to calculate location
for KGS WWC5 database.
DebS KGS 1/6/2022*

Elevation derived from existing project.

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



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.

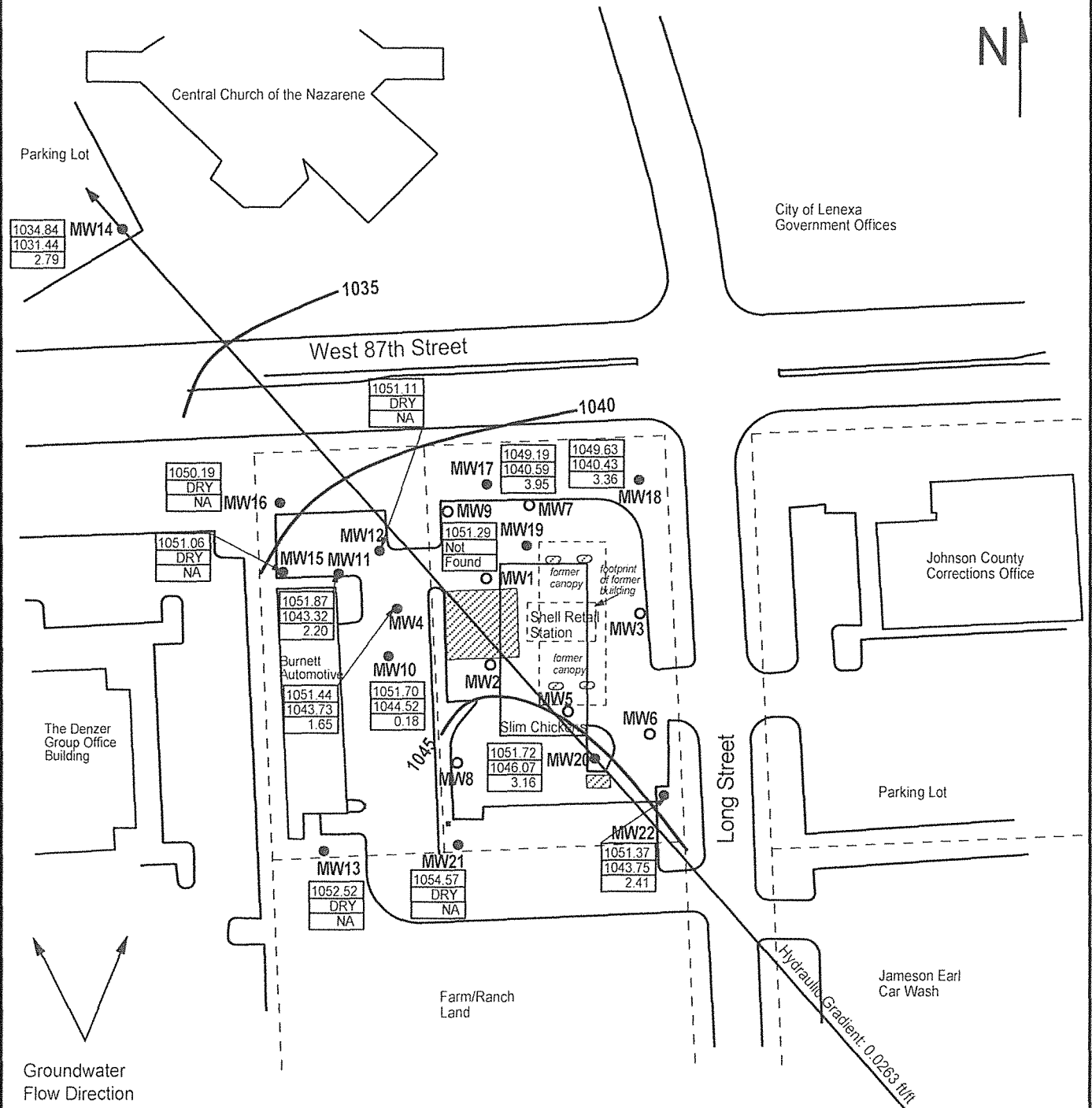


FIGURE 1 - GROUNDWATER FLOW MAP



PROJECT:
 Shell Retail Gasoline Station
 8700 Long
 Lenexa, KS
 KDHE ID: U4-046-13893
 Date: 7/15/21

1311 E 25th St., Suite B (785) 841-8707 office
 Lawrence, KS 66046 (785) 865-4282 fax

0 100 ft

LEGEND:

- Approximate Location of Former UST Basin and Pump Islands
- Approximate Location of Property Lines
- Monitoring Well
- Destroyed Well
- Casing Elevation (AMSL)
Groundwater Elevation (AMSL)
Elevation Change (FT)
- Equipotential Line (AMSL)

NOTE: Benchmark location is unknown.
 NOTE: Approximate location of product lines is unknown.