

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

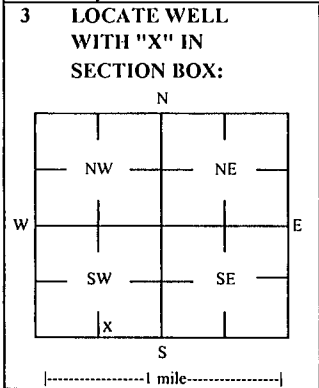
Well ID

MW8

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Johnson Fraction SW 1/4 SW 1/4 SE 1/4 SW 1/4 Section Number 26 Township Number T 13 S Range Number R 24 E W

2 WELL OWNER: Last Name: Business: Star Fuel Centers, Inc. Address: 11161 Overbrook Rd., City Leawood State: KS ZIP: 66211 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: ~50' S of 11350 W 135th St., Overland Park, KS



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 32 ft Depth(s) Groundwater Encountered: 1) 32 ft 2) ft 3) ft, or 4) Dry Well WELL'S STATIC WATER LEVEL: 9.64 ft X below land surface, measured on (mo-day-yr) 2/26/2019 above land surface, measured on (mo-day-yr) Pump test data: Well water was ft after hours pumping gpm Water well was ft after hours pumping gpm Estimated Yield: gpm Bore Hole Diameter: 6 in to ft, and in to ft

5 Latitude: 38.88371 (decimal degrees) Longitude: 94.71847 (decimal degrees) Horizontal Datum: X WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model: ) (WAAS enabled? Yes No) X Land Survey Topographic Map Online Mapper 6 Elevation 1010.93 ft Ground Level X TOC Source: X Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS: 1 Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 2 Public Water Supply: well ID 3 Dewatering: how many wells? 4 Aquifer Recharge: well ID 5 Monitoring: well ID MW8 6 Environmental Remediation: well ID Air Sparge Soil Vapor Extractor Recovery Injection 7 Oil Field Water Supply: lease 8 Test Hole: well ID Cased Uncased Geotechnical 9 Geothermal: How many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes No X No If yes, date sample was submitted: Water well disinfected? Yes No X No

8 TYPE OF CASING USED: Steel PVC X PVC Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 12 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.44 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass X PVC Other (Specify) Brass Galvanized Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X 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 12 ft. to 32 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 10 ft. to 32 ft, From ft. to ft, From ft. to ft,

9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-0.5' Grout intervals: From 0.5 ft. to 10 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 X Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specify): Direction from well? N Distance from well? ~170 ft

10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS

0	0.5	Silty clay			
0.5	24	Clay			
24	29	Shale			
29	35	Limestone			
		lost 3 feet due to cave in			

Notes: KDHE ID: Shell Star Mart #909; U4-046-14874 Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 2/12/19 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No 757 This Water Well Record was completed on (mo-day-year) 3/4/19 under the business name of Larsen & Associates, Inc. Signature

# DENNIS L HANDKE

1820 NW 59th Terrace  
TOPEKA, KANSAS 66618  
785-286-4047 Home  
785-286-1990 Fax

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

February 27, 2019

RE: Monitor Well Elevation Survey  
11350 W. 135<sup>th</sup> St., Overland Park, Kansas

Proj. 19-00J  
Shell Star Mart #909  
U4-046-14874

Bench Mark: Square cut on SW corner of concrete storm sewer inlet at SW Corner of property.  
Elev: 1012.23      North 98.20      West 3793.00      (from SE Cor. Sec. 26-13-24E)

MW-4	rim	1013.61	North	267.36	SW1/4,SW1/4,SE1/4,SW1/4
	top pipe	1013.13	West	3808.34	Lat = 38.88443    Long = 94.71852
MW-5	rim	1013.48	North	123.25	SW1/4,SW1/4,SE1/4,SW1/4
	top pipe	1013.16	West	3620.21	Lat = 38.88404    Long = 94.71786
MW-6	rim	1014.55	North	219.45	SW1/4,SW1/4,SE1/4,SW1/4
	top pipe	1014.07	West	3889.27	Lat = 38.88403    Long = 94.71880
MW-7	rim	1014.25	North	3.41	SW1/4,SW1/4,SE1/4,SW1/4
	top pipe	1013.65	West	3906.05	Lat = 38.88371    Long = 94.71886
MW-8	rim	1011.37	North	7.78	SW1/4,SW1/4,SE1/4,SW1/4
	top pipe	1010.93	West	3794.83	Lat = 38.88371    Long = 94.71847
MW-9	rim	1007.85	South	3.37	NW1/4,NW1/4,NE1/4,NW1/4 (Sec. 35-13-24E)
	top pipe	1007.41	West	3647.95	Lat = 38.88369    Long = 94.71796

Lat & Long derived from Lenexa 7.5 quad map. WGS84

Elevation established 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*  
Dennis L Handke RLS  
LS-785  
*Dennis L Handke*  
KANSAS  
LAND SURVEYOR

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.

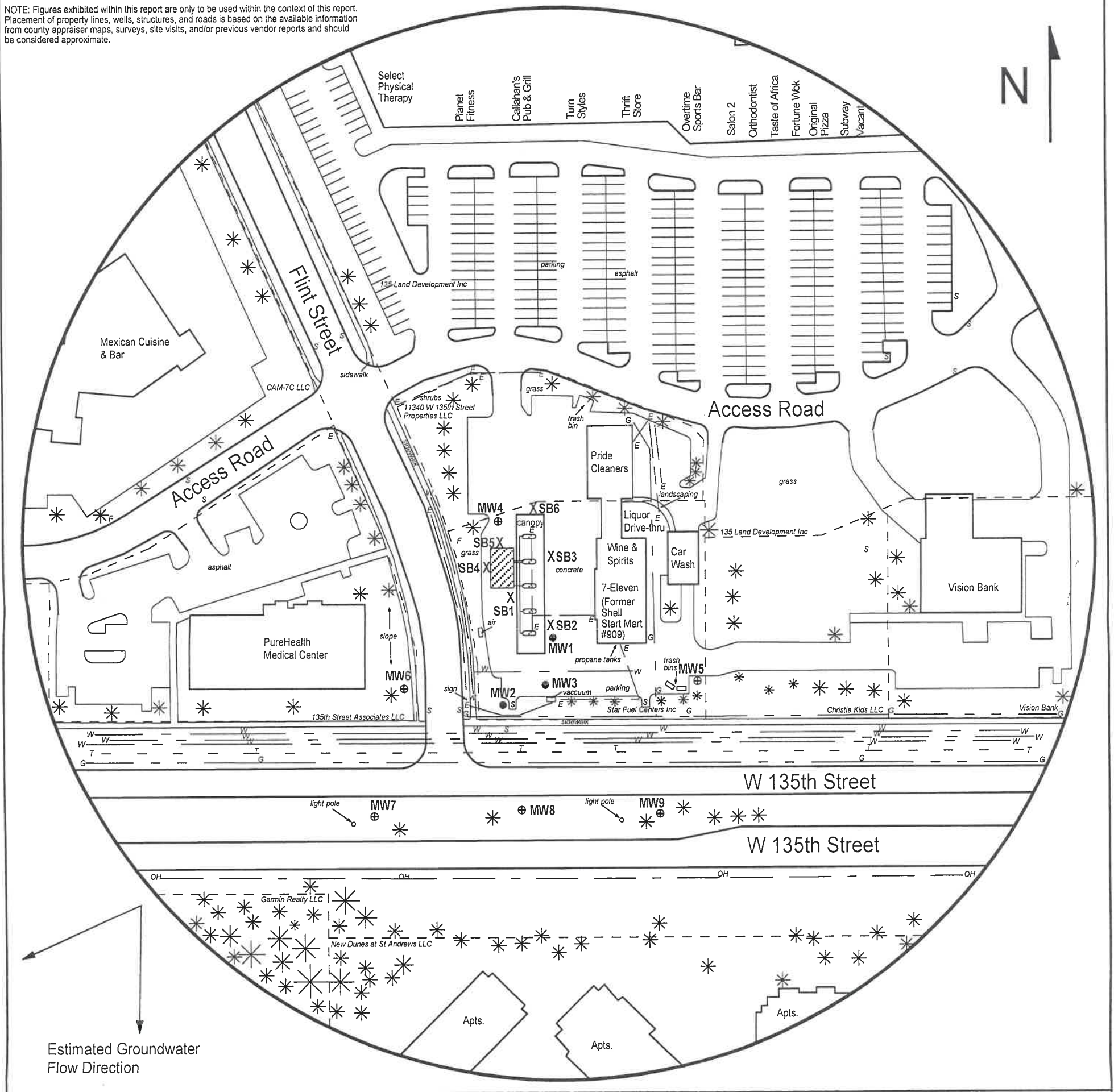


FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP

**LEGEND:**

- Approximate Location of Active UST Basin, Product Lines & Pump Islands
- Approximate Location of Property Line
- Existing Monitoring Well
- Monitoring Well (Installed 2/11-12/19)
- Soil Boring (Drilled 1/28/19)
- Fire Hydrant
- Sewer Inlet
- Electric Lines (2 - 6 ft BGS)
- Gas Lines (2 - 6 ft BGS)
- Overhead Lines (25-40 ft high)
- Telephone Lines (2 - 6 ft BGS)
- Water Lines (2 - 6 ft BGS)

NOTE: Utility depths, heights and locations are approximate.



**PROJECT:**  
 Shell Star Mart #909  
 11350 W. 135th Street  
 Overland Park, KS  
 KDHE ID: U4-046-14874  
 Date: 2/26/19



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

RECEIVED  
 MAR 26 2019  
 BUREAU OF WATER