WATER WELL RECORD Form WWC-5

[X] Original Record [ ] Correction [ ] Change in Well Ust

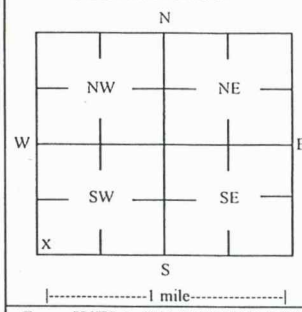
Division of Water Resources App. No. _____ Well ID **MW4**

1 LOCATION OF WATER WELL: County Johnson | Fraction SW ¼ SW ¼ SW ¼ SW ¼ | Section Number 26 | Township Number T 13 S | Range Number R 23 [X] E [ ] W

2 WELL OWNER: Last Name: First:
Business: Star Fuel Centers, Inc.
Address: 7415 W 130th St., Suite 100
Address:
City Overland Park State: KS ZIP: 66213

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: [ ]
202 N Parker. Olathe KS

3 LOCATE WELL WITH "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 21.5 ft
Depth(s) Groundwater Encountered: 1) _____ ft 2) _____ ft 3) _____ ft, or 4) [ ] Dry Well
WELL'S STATIC WATER LEVEL: 17.98 ft.
[X] below land surface, measured on (mo-day-yr) 3/3/2020
[ ] 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: 7.25 in to _____ ft, and _____ in to _____ ft

5 Latitude: 38.88429 (decimal degrees)
Longitude 94.83431 (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 999.46 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
2 [ ] Irrigation
3 [ ] Feedlot
4 [ ] Industrial
5 [ ] Public Water Supply: well ID
6 [ ] Dewatering: how many wells?
7 [ ] Aquifer Recharge: well ID
8 [X] Monitoring: well ID **MW4**
9 Environmental Remediation: well ID [ ] Air Sparge [ ] Soil Vapor Extractior [ ] 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
[ ] Other (specify): _____

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

8 TYPE OF CASING USED: [ ] Steel [X] PVC [ ] Other _____ CASING JOINTS: [ ] Glued [ ] Clampled [ ] Welded [X] Threaded
Casing diameter 2 in. to 11.5 ft, Diameter _____ in. to _____ ft, Diameter _____ in. to _____ ft,
Casing height above land surface -0.54 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 11.5 ft. to 21.5 ft, From _____ ft. to _____ ft, From _____ ft. to _____ ft,
GRAVEL PACK INTERVALS: From 9.5 ft. to 21.5 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 9.5 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 (Specity) _____
Direction from well? S Distance from well? ~130 ft

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	Grass/Topsoil			
0.5	1.5	Fill soil			
1.5	16	Silty sand clay, gravel and rubble			
16	20.5	Silty clay, trace gravel & sand			
20.5	21.5	Sandstone			

Notes: KDHE ID: 7-11/Star fuel #404; U4-046-15163
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) 1/7/20 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) 3/18/20
under the business name of Larsen & Associates, 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, GW 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**

Johnson Co. NW-SW-SW-SW 26-13-23E

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

January 27, 2020

RE: Monitor Well Elevation Survey
202 N. Parker, Olathe, Kansas

Proj. 20-00D
7-11/Star Fuel #404
U4-046-15163

Bench Mark: Chisled Square on East center of concrete storm inlet at West edge of gas station parking.
Elev: 1001.59 North 322.90 West 5167.58 (from SE Cor. Sec. 26-13-23E)

MW-1	rim	1002.15	North	257.63	SW1/4,SW1/4,SW1/4,SW1/4
	top pipe	1001.91	West	5127.83	Lat= 38.88423 Long = 94.83403
MW-2	rim	1001.28	North	220.56	SW1/4,SW1/4,SW1/4,SW1/4
	top pipe	1001.03	West	5187.51	Lat= 38.88413 Long = 94.83424
MW-3	rim	1002.44	North	201.99	SW1/4,SW1/4,SW1/4,SW1/4
	top pipe	1002.16	West	5090.44	Lat= 38.88408 Long = 94.83390
MW-4	rim	1000.00	North	277.57	SW1/4,SW1/4,SW1/4,SW1/4
	top pipe	999.46	West	5205.67	Lat= 38.88429 Long = 94.83431
MW-5	rim	1006.56	North	466.33	NW1/4,SW1/4,SW1/4,SW1/4
	top pipe	1006.33	West	5085.62	Lat= 38.88480 Long = 94.83389

Lat & Long derived from Olathe 7.5 quad map. WGS84.

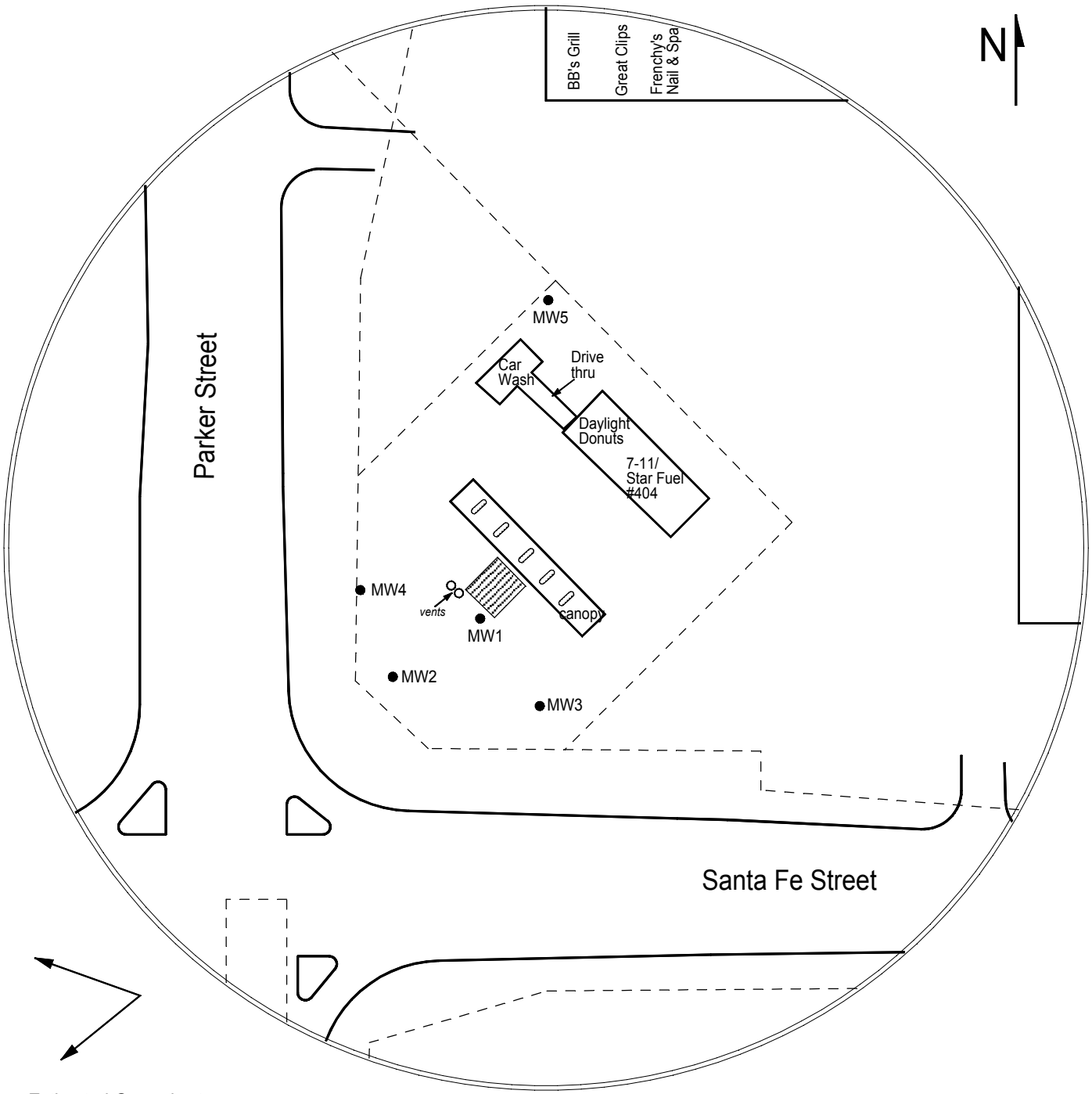
Elevation established from Johnson County Bench Mark #169. NAVD 88

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

January 27, 2020
Dennis L Handke RLS

Dennis L Handke

KANSAS LAND SURVEYOR



LEGEND:

- Approximate Location of Active UST Basin & Pump Islands
- Approximate Location of Property Line
- Existing Monitoring Well

larsen & ASSOCIATES, INC.

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

PROJECT:

7-11/Star Fuel #404
202 N. Parker
Olathe, KS
KDHE ID: U4-046-15163
Date: 5/20/20

0 100 ft