WATER WELL RECORD Form WWC-5

☐ Original Record ☐ Correction ☐ Change in Well Use

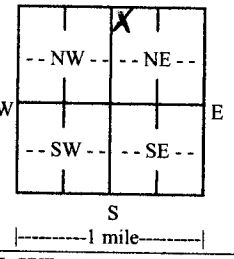
Division of Water Resources App. No. _____ Well ID MW-7

1 LOCATION OF WATER WELL: County: Salina | Fraction: NW¼ NW¼ NW¼ NE¼ | Section Number: 15 | Township Number: T 14 S | Range Number: R 3 ☐E ■W

2 WELL OWNER: Last Name: First:
Business: NuStar Energy
Address: 2137 W Old Hwy 40
Address:
City: Salina State: KS ZIP: 67401

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: ■
East of intersection of Hwy 40 and I-135, Salina, Ks.

3 LOCATE WELL WITH "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 28 ft.
Depth(s) Groundwater Encountered: 1) 24.5 ft. 2) ..... ft. 3) ..... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 3.2 ft.
■ below land surface, measured on (mo-day-yr) 6-3-2022
☐ 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: 8.75 in. to 28 ft. and ..... in. to ..... ft.

5 Latitude: 38.84 112 (decimal degrees)
Longitude: -97.64000 (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: Google Earth

6 Elevation: 1224.72 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-7
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 2 in. to 18 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 18 ft. to 28 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 16 ft. to 28 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

9 GROUT MATERIAL: 1 ☐ Neat cement ☐ Cement grout ■ Bentonite ■ Other cement pad
Grout Intervals: From ..... ft. to 16 ft., From 0 ft. to 1 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? northwest Distance from well? 150 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	Topsoil, brown			
0.5	5.5	Clay, brown, dark brown mottling, dry, stiff			
5.5	7.5	Clay, light gray brown, dry			
7.5	21.5	Clay, gray, dark brown mottling, moist,			
		plastic			
21.5	25	Clay, tan, gray brown mottling, moist			
25	27.5	Sandy Clay, orange brown, wet			
27.5	28	Clayey Sand, gray, wet			

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) 6/2/2022 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 604 This Water Well Record was completed on (mo-day-year) 6/30/22 under the business name of Environmental Priority Service, 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**

Garber Surveying Service, P.A.

Monitoring Well Survey
Client: Braun Intertec
Location: Salina Terminal, Salina, KS
(NW 1/4 Section 7, Township 6 South, Range 3 East of the 6th P.M.)

Monitoring Well Number	SPCS Northing	SPCS Easting	Elevation	Description
F-R3	185234.80	1414809.95	1224.77	North Rim PVC Casing
			1225.15	Ground
MW-4R	184998.83	1414150.38	1231.10	North Rim PVC Casing
			1231.18	Ground
MW-7	185143.20	1414872.96	1224.72	North Rim PVC Casing
			1225.15	Ground

CP/BM Number	SPCS Northing	SPCS Easting	Elevation	Description
10	185172.31	1414793.35	1228.08	Sq. Cut on SW corner of light pole, 2nd West of East Fence

SURVEY NOTES:

1) The above survey data was collected on 6/2/2022

2) The above coordinate and elevation data is shown in NAD 83(2011) Kansas State Plane Kansas North Zone (SPCS), NAVD88 vertical datum

SURVEYOR'S CERTIFICATE:

I hereby certify the above data to be a true and correct representation of the elevations and location of the monitoring wells, as surveyed under my supervision, this 10th day of June, 2022.

Nicholas D. Schmidt, PS #1492

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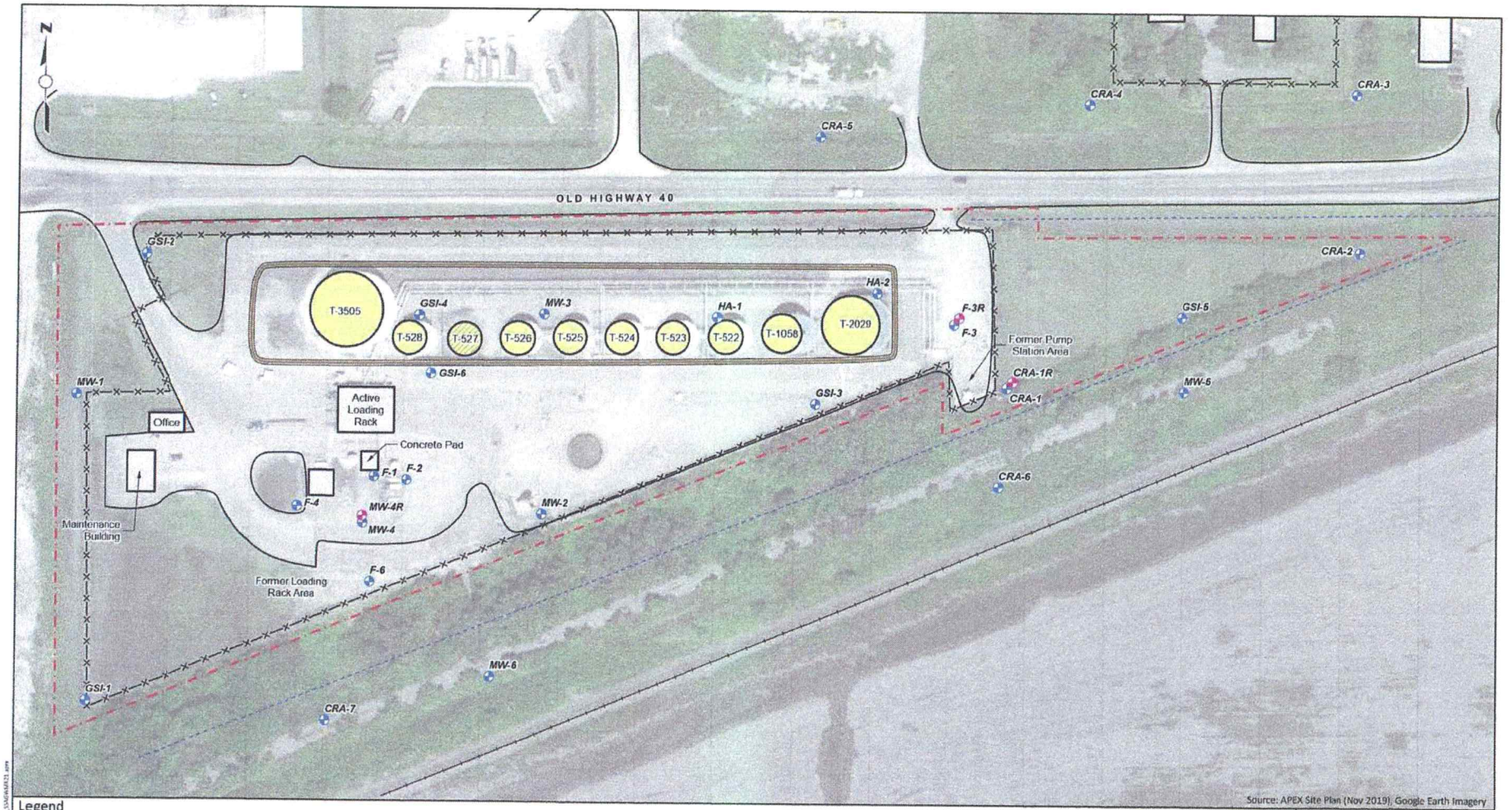

Legend

- Approximate Site Boundary
- Building
- Tank
- Former Tank
- Monitoring Well
- Proposed Monitoring Well
- Earthen Berm
- Drainage Ditch
- Railroad
- Fenceline

0 50 100 200 Feet

SCALE: 1" = 100'

Figure 1
Proposed Monitoring Wells
Salina Terminal
Salina, Kansas

BRAUN INTERTEC
The Science You Build On

3/16/2022	Project No.: B2004272.00	Drawn by: SL	Checked by: SG	Revised by: