

WATER WELL RECORD Form WWC-5

☒ Original Record ☐ Correction ☐ Change in Well Use

Division of Water
Resources App. No.

MW-3R

Well ID

1 LOCATION OF WATER WELL: County: Stafford		Fraction NW 1/4 NE 1/4 NW 1/4 NW 1/4	Section Number 24	Township Number T 24 S	Range Number R 12 E ☒ W
2 WELL OWNER: Last Name: Roush First: Frank Business: Address: PO Box 340 Address: City: Stafford State: KS ZIP: 67578			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: ☐ 221 East Martin Avenue (Hwy 50), Stafford, Kansas		
3 LOCATE WELL WITH "X" IN SECTION BOX: N NW NE SW SE S 1 mile		4 DEPTH OF COMPLETED WELL: 30 ft. Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft., or 4) ☐ Dry Well WELL'S STATIC WATER LEVEL: 13.96 ft. ☒ below land surface, measured on (mo-day-yr) 6-13-19 ☐ 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: 8.25 in. to 30 ft. and in. to ft.		5 Latitude: 37.95442 (decimal degrees) Longitude: 98.59753 (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:	
		6 Elevation: 1852.85 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-3R 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):
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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 **30** ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface **0.5** 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 **15** ft. to **30** ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From **13** ft. to **30** ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other
 Grout Intervals: From **1** ft. to **13** 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 ☐ Fuel Storage ☐ Abandoned Water Well
☐ Watertight Sewer Lines ☐ Seepage Pit ☐ Feedyard ☐ Fertilizer Storage ☐ Oil Well/Gas Well
☒ Other (Specify) **KDHE Trust Fund site (U1-093-13371)**
 Direction from well? **On-site** Distance from well? **0** ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	1.5	Soil and Gravel			
1.5	7.5	Clay, silty, dk brn			
7.5	15	Sand, clayey, red brown			
15	30	Silt, sandy, red to brown			
TD	30				

Notes: Roush Oil U1-093-13371

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) **6-11-19** and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. **585** This Water Well Record was completed on (mo-day-year) **7-23-19**
 under the business name of **Associated Environmental, Inc.** Signature *[Signature]*

SMH CONSULTANTS

July 09, 2019

SCS Engineers
Leah A. Meyer
Senior Project Professional
6161 South Syracuse Way, Suite 210
Greenwood Village, Colorado 80111
Email: LMeyer@scsengineers.com

RE: Project No. 1906MN1182

Leah:

The following is the information requested on a Monitoring Well Site, Rousch Oil Company, 221 East Martin Avenue, Stafford, Stafford County, Kansas.

Point	North Coord.	East Coord.	Distance SE Cor. North	From S.24 East	Elev. Top Of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
SE Corner S.24-T24S-R12W	40000	40000						
MW1R	45175.99	35346.16	5175.99	4653.84	1854.44	1853.97	37.95436	98.59817
MW2R	45068.05	35431.25	5068.05	4568.75	1853.44	1852.76	37.95406	98.59787
MW3R	45198.39	35528.73	5198.39	4471.27	1853.36	1852.85	37.95442	98.59753
MW4R	45073.91	35551.16	5073.91	4448.84	1852.68	1852.41	37.95408	98.59745
MW5R	44496.33	35535.74	4996.33	4464.26	1851.33	1851.04	37.95387	98.59750
MW10	45260.50	35450.58	5260.50	4549.42	1853.26	1852.82	37.95459	98.59781
MW11	45265.97	35351.63	5265.97	4648.37	1853.71	1853.41	37.95460	98.59815
MW12	45005.87	35409.59	5005.87	4590.41	1852.66	1852.13	37.95389	98.59794
MW13	44891.43	35687.52	4891.43	4312.48	1848.61	1848.33	37.95358	98.59697
Site BM	45200.82	35445.84	5200.82	4554.16		BM Elevation = 1854.51		

BM Description: "□" Square cut on north edge of concrete slab, north of garage building.

MW1R, MW11 are in the:

NE¼ NW¼ NW¼ NW¼ S.24-T24S-R12W

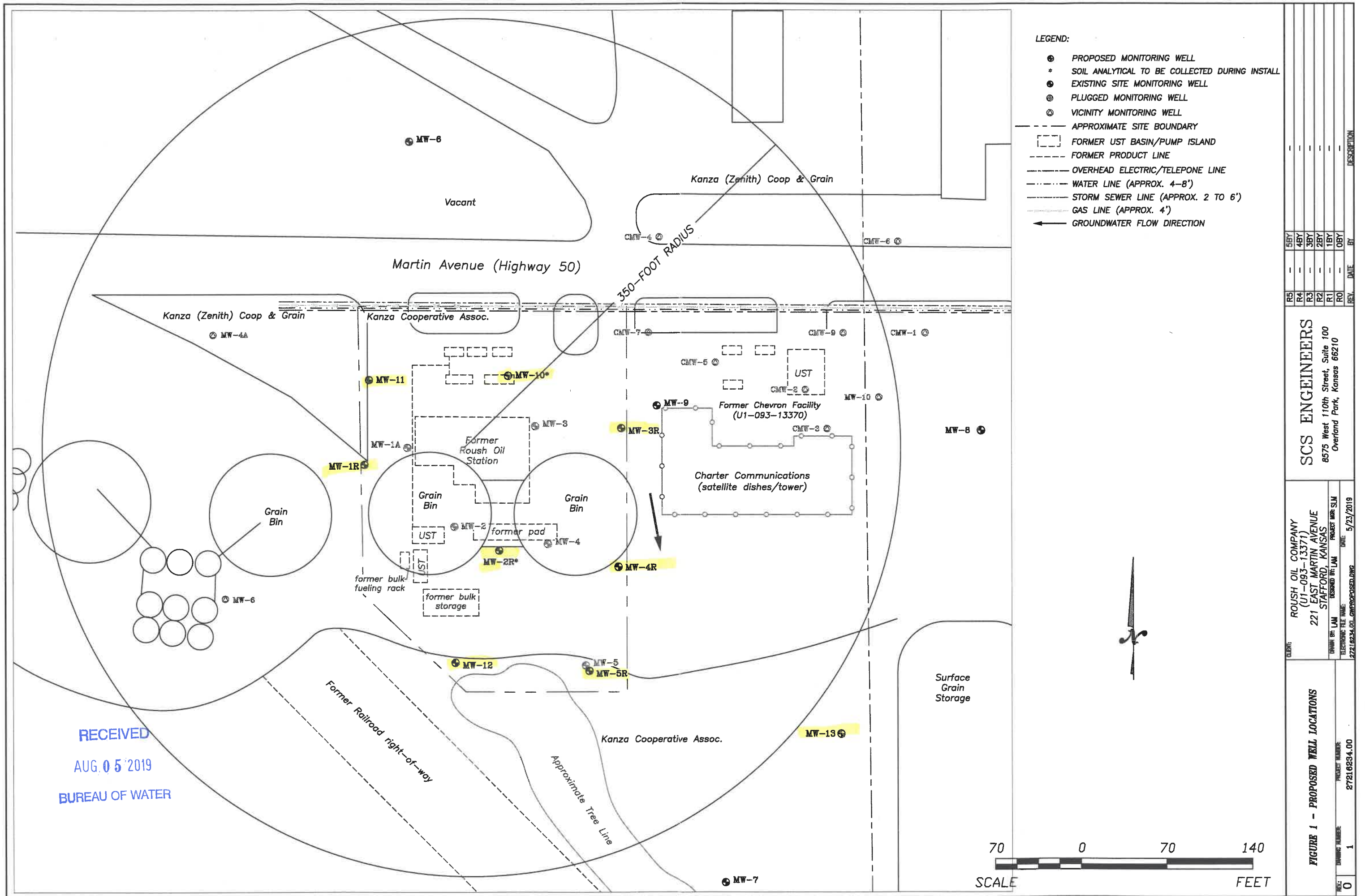
MW2R, MW3R, MW4, MW5R, MW10, MW12 are in the:

NW¼ NE¼ NW¼ NW¼ S.24-T24S-R12W

MW13 is in the:

SW¼ NE¼ NW¼ NW¼ S.24-T24S-R12W

RECEIVED
AUG 05 2019
BUREAU OF WATER



SCS ENGINEERS
8575 West 110th Street, Suite 100
Overland Park, Kansas 66210

CLIENT: ROUSH OIL COMPANY
(U1-093-13371)
221 EAST MARTIN AVENUE
STAFFORD, KANSAS
DRAWN BY: LAN DESIGNED BY: LAN PROJECT MGR: SLJ
ELECTRONIC FILE NAME: 27210234.DWG
DATE: 5/23/2019

PROJECT NUMBER	27210234.00
DATE	5/23/2019
SCALE	1" = 40'
FIGURE 1 - PROPOSED WELL LOCATIONS	