

# WATER WELL RECORD Form WWC-5

☒ Original Record ☐ Correction ☐ Change in Well Use

Division of Water  
Resources App. No.

Well ID **MW-4R**

<b>1 LOCATION OF WATER WELL:</b> County: <b>Stafford</b>		Fraction NW 1/4 NE 1/4 NW 1/4 NW 1/4	Section Number <b>24</b>	Township Number <b>T 24 S</b>	Range Number <b>R 12 E W</b>
<b>2 WELL OWNER:</b> Last Name: <b>Roush</b> First: <b>Frank</b> Business: Address: <b>PO Box 340</b> Address: City: <b>Stafford</b> State: <b>KS</b> ZIP: <b>67578</b>			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: <input type="checkbox"/> <b>221 East Martin Avenue (Hwy 50), Stafford, Kansas</b>		
<b>3 LOCATE WELL WITH "X" IN SECTION BOX:</b> N <div style="border: 1px solid black; width: 100px; height: 100px; position: relative; margin: 10px auto;"><div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-style: dashed;"></div><div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em; font-weight: bold;">X</div></div> W E S 1 mile		<b>4 DEPTH OF COMPLETED WELL:</b> ..... <b>30</b> ..... ft. Depth(s) Groundwater Encountered: 1) ..... ft. 2) ..... ft. 3) ..... ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: ..... <b>13.49</b> ..... ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) <b>6-13-19</b> <input type="checkbox"/> 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: <b>8.25</b> in. to <b>30</b> ft. and ..... in. to ..... ft.		<b>5 Latitude:</b> ..... <b>37.95408</b> ..... (decimal degrees) <b>Longitude:</b> ..... <b>98.59745</b> ..... (decimal degrees) Horizontal Datum: <input type="checkbox"/> WGS 84 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model: .....) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper: .....	
				<b>6 Elevation:</b> <b>1852.41</b> ft. <input type="checkbox"/> Ground Level <input checked="" type="checkbox"/> TOC Source: <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other .....	

**7 WELL WATER TO BE USED AS:**

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID ..... 6. <input type="checkbox"/> Dewatering: how many wells? ..... 7. <input type="checkbox"/> Aquifer Recharge: well ID ..... 8. <input checked="" type="checkbox"/> Monitoring: well ID <b>MW-4R</b> 9. Environmental Remediation: well ID ..... <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease ..... 11. Test Hole: well ID ..... <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? ..... a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> 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	10	Sand, red brown			
10	12.5	Sandy Clay, red brown			
12.5	18.5	Clay some silt, red brown			
18.5	30	Sandy Clay, red-tan			
TD	30				
<b>Notes:</b> 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]* .....

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.

# 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:

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

MW13 is in the:

NE¼ NW¼ NW¼ NW¼ S.24-T24S-R12W

NW¼ NE¼ NW¼ NW¼ S.24-T24S-R12W

SW¼ NE¼ NW¼ NW¼ S.24-T24S-R12W

RECEIVED  
AUG 05 2019  
BUREAU OF WATER

