

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

[]

Well ID

MW 37

1 LOCATION OF WATER WELL: County: Sedgewick Fraction 1/4 NE 1/4 NE 1/4 NE 1/4 Section Number 4 Township Number T 28 S Range Number R 1 E

2 WELL OWNER: Last Name: Business: Total Petroleum Chemicals & Refinery USA, Inc. Address: 1201 Louisiana, Suite 1800 City: Houston State: TX ZIP: 77002 Street or Rural Address where well is located: 1535 E. Pawnee Ave., Wichita, KS

3 LOCATE WELL WITH "X" IN SECTION BOX: [Diagram showing a 2x2 grid with 'X' in the NE corner]

4 DEPTH OF COMPLETED WELL: 20 ft. Depth(s) Groundwater Encountered: 1) 16 ft. WELL'S STATIC WATER LEVEL: [] below land surface, measured on (mo-day-yr) [] 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 20 ft. and ... in. to ... ft.

5 Latitude: 37.64889 (decimal degrees) Longitude: 97.31818 (decimal degrees) Horizontal Datum: [X] WGS 84 [] NAD 83 [] NAD 27 Source for Latitude/Longitude: [X] GPS (unit make/model: Garmin c60) (WAAS enabled? [X] Yes [] No) [] Land Survey [] Topographic Map [] Online Mapper:

6 Elevation: ... 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. [X] Monitoring: well ID MW-37 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 [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 [] Clamped [] Welded [X] Threaded Casing diameter 2 in. to 10 ft., Diameter 7 in. to ... ft., Diameter ... in. to ... ft. Casing height above land surface 0.3 in. Weight ... lbs./ft. Wall thickness or gauge No. Sch. 40 TYPE OF SCREEN OR PERFORATION MATERIAL: [] Steel [] Stainless Steel [] Fiberglass [X] PVC [] Brass [] Galvanized Steel [] Concrete tile [] None used (open hole) [] Other (Specify) 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 20 ft. to 10 ft., From ... ft. to ... ft., From ... ft. to ... ft. GRAVEL PACK INTERVALS: From 20 ft. to 8 ft., From ... ft. to ... ft., From ... ft. to ... ft.

9 GROUT MATERIAL: [] Neat cement [] Cement grout [X] Bentonite [] Other Grout Intervals: From 8 ft. to 1.5 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 (Specify) Direction from well? Distance from well? ft.

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 1: 0, 14, Silty Clay, Brown. Row 2: 14, 20, Sand, fine to coarse grain.

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) 6/25/2018 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 710 This Water Well Record was completed on (mo-day-year) 7/21/2018 under the business name of Below Ground Surface, Inc. Signature [Signature]

Wichita



EXPLANATION

	PROPOSED MONITORING WELL		MONITORING WELL
	PROPOSED GEOTECHNICAL SAMPLE		ROCKS INJECTION WELL
	PROPOSED SOIL BORING		ABANDONED OR DESTROYED WELL
	FORMER CANOPY		FORMER RECOVERY WELL
	FORMER SITE CONFIGURATION		APPROXIMATE WATER WELL LOCATION*
	OVERHEAD ELECTRIC		GROUNDWATER FLOW DIRECTION
	GAS		
	WATER		
	SANITARY SEWER		

*SOURCE: KANSAS GEOLOGICAL SURVEY, WATER WELL DATABASE QUERY, OCTOBER 2017

Note: Aerial collected on February 20, 2017. 0 50 FT.