

**WATER WELL RECORD Form WWC-5**

Original Record  Correction  Change in Well Use

Division of Water Resources App. No.  

Well ID

MW 14

<b>1 LOCATION OF WATER WELL:</b> County: <b>Harvey</b>	Fraction ¼ NE ¼ NE ¼ NE ¼	Section Number <b>20</b>	Township Number <b>T 23 S</b>	Range Number <b>R 1 <input checked="" type="checkbox"/> E <input type="checkbox"/> W</b>
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<b>2 WELL OWNER:</b> Last Name: _____ First: _____ Business: <b>Total Petroleum Chemicals &amp; Refinery USA, Inc.</b> Address: <b>1201 Louisiana, Suite 1800</b> Address: _____ City: <b>Houston</b> State: <b>TX</b> ZIP: <b>77002</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>535 E. 1st St., Newton, KS</b>
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**3 LOCATE WELL WITH "X" IN SECTION BOX:**

N

		X
-- NW --	-- NE --	
W	E	
-- SW --	-- SE --	
	S	

-----1 mile-----

**4 DEPTH OF COMPLETED WELL:** ..... **14** ..... ft.

Depth(s) Groundwater Encountered: 1) ..... ft.  
2) ..... ft. 3) ..... ft., or 4)  **Dry Well**

**WELL'S STATIC WATER LEVEL:** ..... **11.95** ..... ft.

below land surface, measured on (mo-day-yr) ..... **7/3/18** .....  
 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 ..... **14** ..... ft. and  
..... in. to ..... ft.

**5 Latitude:** ..... **38.04233** ..... (decimal degrees)  
**Longitude:** ..... **97.33691** ..... (decimal degrees)  
Horizontal Datum:  **WGS 84**  NAD 83  NAD 27  
Source for Latitude/Longitude:  
 **GPS** (unit make/model: **garmen c60** .....)  
(WAAS enabled?  **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. <input type="checkbox"/> Domestic <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	5. <input type="checkbox"/> Public Water Supply: well ID .....	10. <input type="checkbox"/> Oil Field Water Supply: lease .....
2. <input type="checkbox"/> Irrigation	6. <input type="checkbox"/> Dewatering: how many wells? .....	11. Test Hole: well ID .....
3. <input type="checkbox"/> Feedlot	7. <input type="checkbox"/> Aquifer Recharge: well ID .....	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
4. <input type="checkbox"/> Industrial	8. <input checked="" type="checkbox"/> <b>Monitoring:</b> well ID ..... <b>MW-14</b> .....	12. Geothermal: how many bores? .....
	9. Environmental Remediation: well ID .....	a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
	<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
	<input type="checkbox"/> Recovery <input type="checkbox"/> Injection	13. <input type="checkbox"/> 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 ..... **4** ..... ft., Diameter ..... 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  **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 **.14** ..... ft. to **4** ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**GRAVEL PACK INTERVALS:** From **.14** ..... ft. to **3** ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**9 GROUT MATERIAL:**  Neat cement  Cement grout  **Bentonite**  Other .....

Grout Intervals: From **3** ..... ft. to **1.5** ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**Nearest source of possible contamination:**

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> Lateral Lines	<input type="checkbox"/> Pit Privy	<input type="checkbox"/> Livestock Pens	<input type="checkbox"/> Insecticide Storage
<input type="checkbox"/> Sewer Lines	<input type="checkbox"/> Cess Pool	<input type="checkbox"/> Sewage Lagoon	<input checked="" type="checkbox"/> <b>Fuel Storage</b>	<input type="checkbox"/> Abandoned Water Well
<input type="checkbox"/> Watertight Sewer Lines	<input type="checkbox"/> Seepage Pit	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Fertilizer Storage	<input type="checkbox"/> Oil Well/Gas Well
<input type="checkbox"/> Other (Specify) .....				

Direction from well? ..... Distance from well? ..... ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	11	Silty Clay w/Gypsum Layers, Brown			
11	14	Weathered Shale, Gray			

**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) **7/2/2018** ..... 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]*

# Newton

CITY: Regd DIV: GROUP: (R) (S) DR: (Regd) LD: (C) (S) P/C: (C) (S) P/A: (Regd) TM: (C) (S) LYR: (S) (C) (W) (C) (F) (R) (E) (F)  
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