

# WATER WELL RECORD Form WWC-5

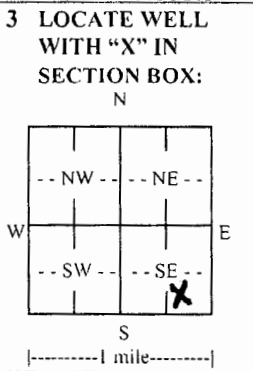
Division of Water Resources App. No.  

Well ID MW 7

Original Record  Correction  Change in Well Use

**1 LOCATION OF WATER WELL:**  
 County: Wyandotte      Fraction:  $\frac{1}{4}$  NW  $\frac{1}{4}$  SE  $\frac{1}{4}$  SE  $\frac{1}{4}$       Section Number: 15      Township Number: T 11 S      Range Number: R 25  E  W

**2 WELL OWNER:** Last Name: Smith      First: Jim  
 Business: BP Products North America, Inc.  
 Address: 201 Helios Way; 6th Floor  
 City: Houston      State: TX      ZIP: 77079  
 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:   
 47-51 Kansas Ave; Kansas City, KS



**4 DEPTH OF COMPLETED WELL:** 35 ft.  
 Depth(s) Groundwater Encountered: 1) 23 ft.      2)      3)      4)  Dry Well  
**WELL'S STATIC WATER LEVEL:**      ft.  
 below land surface, measured on (mo-day-yr)      ft.  
 above land surface, measured on (mo-day-yr)      ft.  
 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: 8.5 in. to 35 ft. and      in. to      ft.

**5 Latitude:** 39.08775 (decimal degrees)  
**Longitude:** -94.61661 (decimal degrees)  
 Horizontal Datum:  WGS 84  NAD 83  NAD 27  
 Source for Latitude/Longitude:  GPS (unit make/model: etrek (WAAS enabled?  Yes  No))  
 Land Survey  Topographic Map  
 Online Mapper:      ft.

**6 Elevation:**      ft.  Ground Level  TOC  
 Source:  Land Survey  GPS  Topographic Map  
 Other      ft.

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

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	2. Irrigation	3. Feedlot	4. 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 MW-7	9. Environmental Remediation: well ID      .....	10. <input type="checkbox"/> Oil Field Water Supply: lease      .....	11. Test Hole: well ID      .....	12. Geothermal: how many bores?      .....	13. <input type="checkbox"/> Other (specify):      .....
											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

**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 35 ft., Diameter      in. to      ft., Diameter      in. to      ft.  
 Casing height above land surface: 6 in.      Weight      lbs./ft.      Wall thickness or gauge No. 40

**TYPE OF SCREEN OR PERFORATION MATERIAL:**  
 Steel  Stainless Steel  Fiberglass  PVC  Other (Specify)      .....

**SCREEN OR PERFORATION OPENINGS ARE:**  
 Continuous Slot  Mill Slot  Gauze Wrapped  Torch Cut  Drilled Holes  Other (Specify)      .....

**SCREEN-PERFORATED INTERVALS:** From 20 ft. to 35 ft., From      ft. to      ft., From      ft. to      ft.  
**GRAVEL PACK INTERVALS:** From 18 ft. to 35 ft., From      ft. to      ft., From      ft. to      ft.

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

**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)      unknown  
 Direction from well?      unknown      Distance from well?      unknown      ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	concrete			
0.5	18	Silty clay - brown			
18	35	Sand, fine to coarse grain, gray			

**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) 8/8/18 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) 09/01/2018 under the business name of Below Ground Surface, Inc.      Signature: *Craig R. Her*

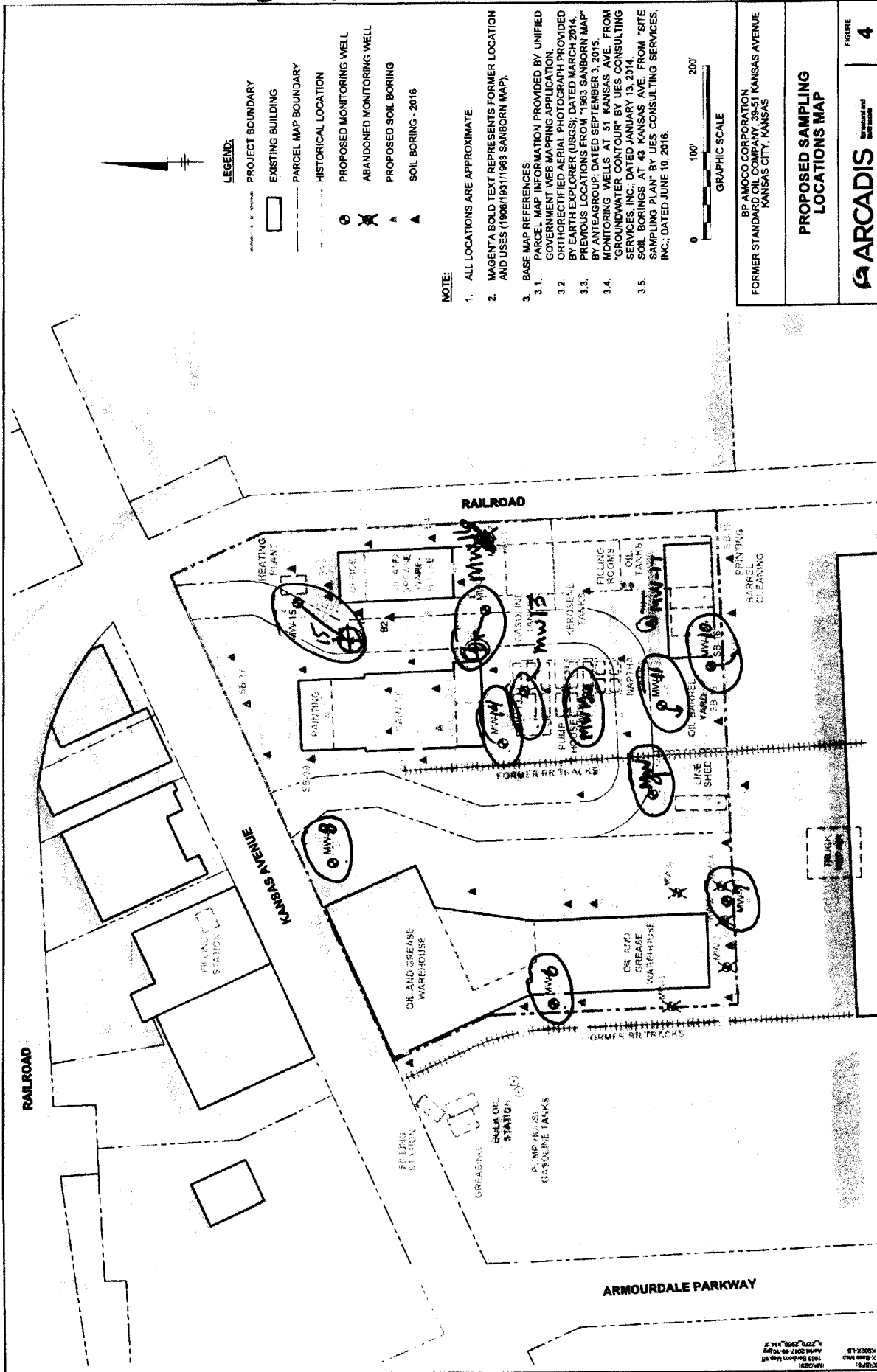
Wyandotte

NW SE SE

Section: 15

T:11S

R:25E



**NOTE:**

- 1. ALL LOCATIONS ARE APPROXIMATE.
- 2. MAGENTA BOLD TEXT REPRESENTS FORMER LOCATION AND USES (1908/1931/1963 SANBORN MAP).
- 3. BASE MAP REFERENCES:
  - 3.1. PARCEL MAP INFORMATION PROVIDED BY UNIFIED GOVERNMENT WEB MAPPING APPLICATION.
  - 3.2. ORTHORECTIFIED AERIAL PHOTOGRAPH PROVIDED BY EARTH EXPLORER (UBGS); DATED MARCH 2014.
  - 3.3. PREVIOUS LOCATIONS FROM "1963 SANBORN MAP BY ANTEGROUP; DATED SEPTEMBER 3, 2015.
  - 3.4. MONITORING WELLS AT 51 KANSAS AVE. FROM "GROUNDWATER CONTOUR" BY UES CONSULTING SERVICES, INC.; DATED JANUARY 13, 2014.
  - 3.5. SOIL BORINGS AT 43 KANSAS AVE. FROM "SITE SAMPLING PLAN" BY UES CONSULTING SERVICES, INC.; DATED JUNE 10, 2016.

BP AMOCO CORPORATION  
FORMER STANDARD OIL COMPANY, 39-51 KANSAS AVENUE  
KANSAS CITY, KANSAS

PROPOSED SAMPLING  
LOCATIONS MAP

ARCADIS Environmental Services FIGURE 4

12 wells total

PROJECT: WYANDOTTE INDUSTRIAL SITE (P) / 11111 E. 111TH ST., WYANDOTTE, MO 64218  
 DATE: 03/20/2015  
 DRAWN BY: JACQUES L. BOUTIN  
 CHECKED BY: JACQUES L. BOUTIN  
 PROJECT NO: WYANDOTTE INDUSTRIAL SITE (P) / 11111 E. 111TH ST., WYANDOTTE, MO 64218  
 SHEET NO: 4 OF 4  
 SCALE: 1" = 100'