

**WATER WELL RECORD Form WWC-5**

Original Record  Correction  Change in Well Use

Division of Water Resources App. No.  

Well ID

MW12

**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 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:   
 Business: BP Products North America, Inc. Address: 201 Helios Way; 6th Floor 47-51 Kansas Ave; Kansas City, KS  
 Address: City: Houston State: TX ZIP: 77079

**3 LOCATE WELL WITH "X" IN SECTION BOX:**

N

NW	NE
SW	SE

S

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

X

**4 DEPTH OF COMPLETED WELL:** 35 ft.  
 Depth(s) Groundwater Encountered: 1) 23 ft. 2) ..... ft. 3) ..... ft., or 4)  Dry Well  
 WELL'S STATIC WATER LEVEL: ..... ft.  
 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: 8.5 in. to 35 ft. and ..... in. to ..... ft.

**5 Latitude:** 39.08813 (decimal degrees)  
**Longitude:** -94.61575 (decimal degrees)  
 Horizontal Datum:  WGS 84  NAD 83  NAD 27  
 Source for Latitude/Longitude: etrek  
 GPS (unit make/model: ..... (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. 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 MW-12 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 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) .....  
 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 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 .....  
 Grout Intervals: From ..... ft. to ..... 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) 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			
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) 8/13/18 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. Harv

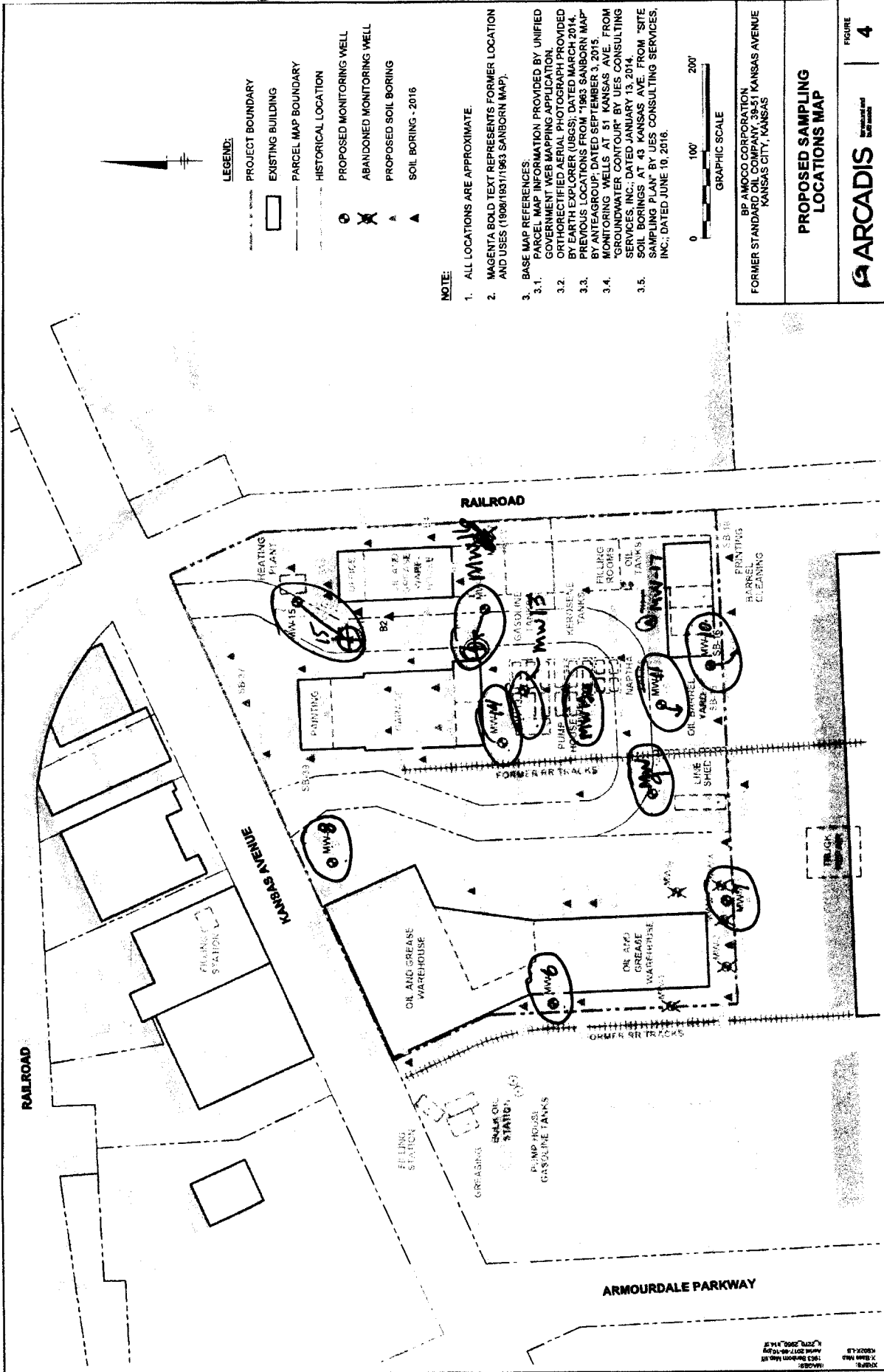
Wyandotte

NW SE SE

Section: 15

T: 11 S

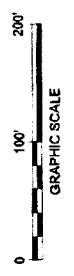
R: 25 E



- LEGEND:**
- PROJECT BOUNDARY
  - EXISTING BUILDING
  - PARCEL MAP BOUNDARY
  - HISTORICAL LOCATION
  - PROPOSED MONITORING WELL
  - ABANDONED MONITORING WELL
  - PROPOSED SOIL BORING
  - SOIL BORING - 2016

**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, ORTHORECTIFIED AERIAL PHOTOGRAPH PROVIDED BY EARTH EXPLORER (UBGIS); DATED MARCH 2014.  
 3.2. PREVIOUS LOCATIONS FROM "1963 SANBORN MAP BY ANTEAGROUP, DATED SEPTEMBER 3, 2015."  
 3.3. MONITORING WELLS AT 51 KANSAS AVE. FROM "GROUNDWATER CONTOUR" BY UES CONSULTING SERVICES, INC.; DATED JANUARY 13, 2014.  
 3.4. SOIL BORINGS AT 43 KANSAS AVE. FROM "SITE SAMPLING PLAN" BY UES CONSULTING SERVICES, INC.; DATED JUNE 19, 2016.  
 3.5.



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

PROPOSED SAMPLING  
 LOCATIONS MAP

ARCADIS

FIGURE  
**4**

12 wells total

PROJECT: 100-2023-0015 - 100-2023-0015 - 100-2023-0015 - 100-2023-0015  
 CLIENT: AMOCO CORPORATION  
 DATE: 03/15/2023  
 DRAWN: [Name]  
 CHECKED: [Name]  
 APPROVED: [Name]