

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

[ ]

Well ID MW 15

Original Record  Correction  Change in Well Use

1 LOCATION OF WATER WELL: County: Wyandotte Fraction 1/4 NW 1/4 SE 1/4 SE 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

3 LOCATE WELL WITH "X" IN SECTION BOX: N W E S [Diagram with X in SE quadrant]

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: 39.08894 (decimal degrees) Longitude: -94.61555 (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: ...

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.  Monitoring: well ID MW-15 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  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 ... 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 2 ft. to 18 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.

Table with columns: IO FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 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) 8/17/18... 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. Hewitt

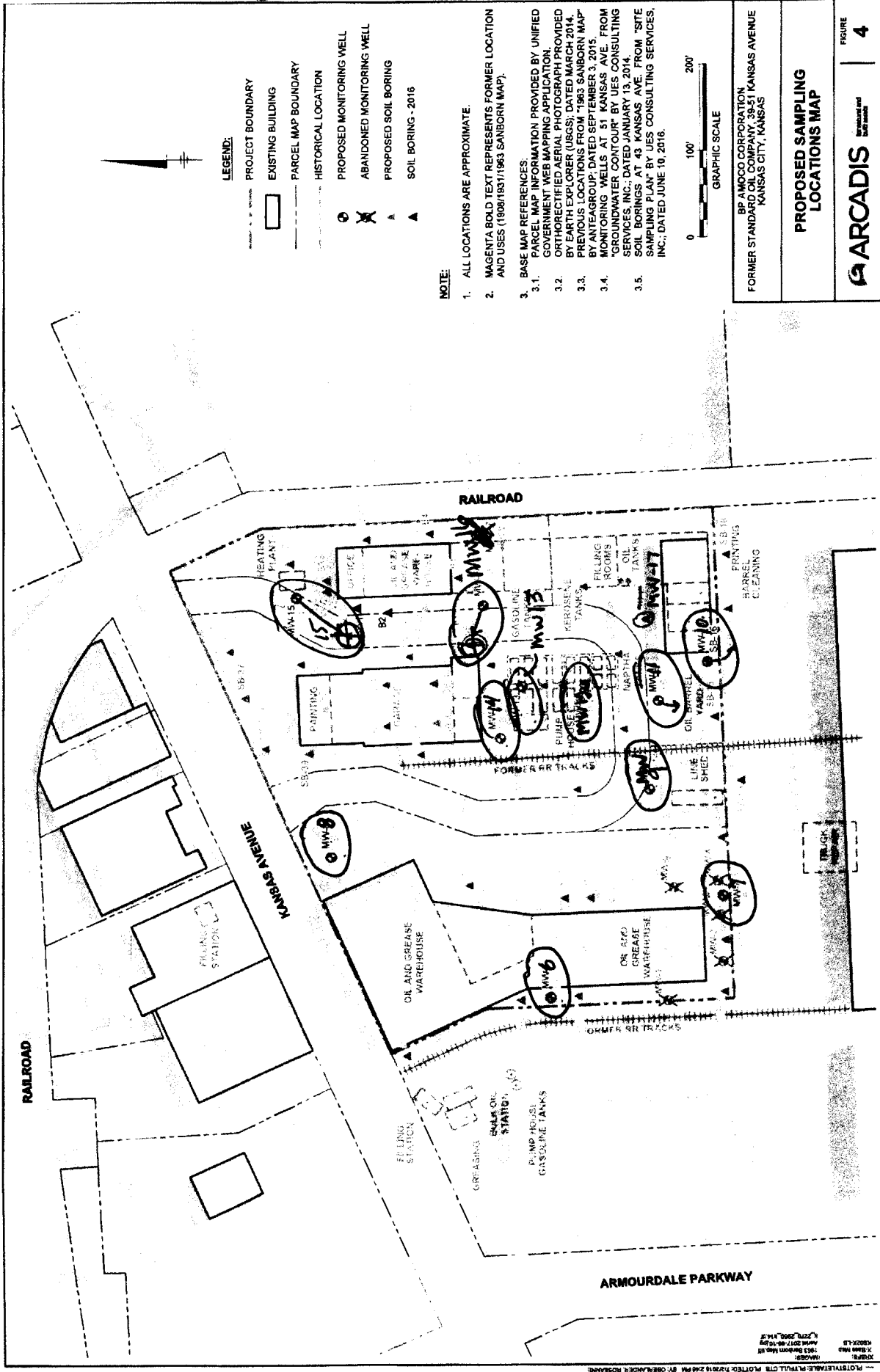
Wyandotte

NW SE SE

Section: 15

T:115

R:25E



**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.
  - 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 and Engineering Solutions

FIGURE 4

*12 wells total*