

WATER WELL RECORD

Form WWC-5

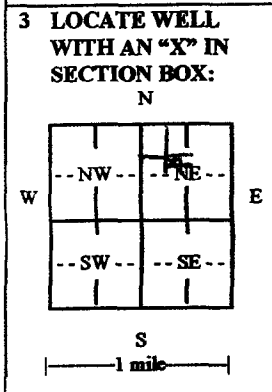
Division of Water Resources App. No.

MW-17

1 LOCATION OF WATER WELL: County: Leavenworth Fraction NE 1/4 NW 1/4 SE 1/4 NW 1/4 Section Number 26 Township No. T 8 S Range Number R 22 [X]E []W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here []. 1108 N. 11th Street, Leavenworth, KS 66048 Global Positioning System (GPS) information: Latitude: 39.3272 Longitude: 94.9303 Elevation: Datum: [] WGS 84, [] NAD 83, [] NAD 27 Collection Method: [] GPS unit (Make/Model: Google Earth) [] Digital Map/Photo, [] Topographic Map, [] Land Survey Est. Accuracy: [] <3 m, [X] 3-5 m, [] 5-15 m, [] >15 m

2 WATER WELL OWNER: BP Products North America RR#, Street Address, Box #: 28100 Torch Parkway City, State, ZIP Code : Warrenville, IL 60555



3 LOCATE WELL WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL 20.0' ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL 8.85' ft. below land surface measured on mo/day/yr. 5/18/15 Pump test data: Well water was..... ft. after..... hours pumping..... gpm EST. YIELD..... gpm. Well water was..... ft. after..... hours pumping..... gpm Bore Hole Diameter 8.25 in. to 20.0' ft., and..... in. to..... ft. WELL WATER TO BE USED AS: [] Public water supply [] Geothermal [] Injection well [] Domestic [] Feedlot [] Oil field water supply [] Dewatering [] Other (Specify below) [] Irrigation [] Industrial [] Domestic-lawn & garden [X] Monitoring well Was a chemical/bacteriological sample submitted to Department? [] Yes [X] No If yes, mo/day/yr sample was submitted..... Water well disinfected? [] Yes [X] No

5 TYPE OF CASING USED: [] Steel [X] PVC [] Other CASING JOINTS: [] Glued [] Clamped [] Welded [X] Threaded Casing diameter 2.0' in. to 5.0' ft., Diameter..... in to..... ft., Diameter..... in to..... ft. Casing height above land surface.. Flush..... in., Weight..... lbs./ft., Wall thickness or gauge No. Sch.40 TYPE OF SCREEN OR PERFORATION MATERIAL: [] Steel [] Stainless Steel [X] PVC [X] Other (Specify)..... [] Brass [] Galvanized Steel [] None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: [] Continuous slot [X] Mill slot [] Gauze wrapped [] Torch cut [] Drilled holes [] None (open hole) [] Louvered shutter [] Key punched [] Wire wrapped [] Saw cut [] Other (specify)..... SCREEN-PERFORATED INTERVALS: From 5.0' ft. to 20.0' ft., From..... ft. to..... ft. From..... ft. to..... ft. From..... ft. to..... ft. GRAVEL PACK INTERVALS: From 3.0' ft. to 20.0' ft., From..... ft. to..... ft. From..... ft. to..... ft. From..... ft. to..... ft.

6 GROUT MATERIAL: [] Neat cement [] Cement grout [X] Bentonite [X] Other Grout Intervals: From 0 ft. to 1.0' ft., From 1.0' ft. to 3.0' ft., From..... ft. to..... ft. What is the nearest source of possible contamination: [] Septic tank [] Lateral lines [] Pit privy [] Livestock pens [] Insecticide storage [] Other (specify below) [X] Sewer lines [] Cesspool [] Sewage lagoon [X] Fuel storage [] Abandoned water well [X] Watertight sewer lines [] Seepage pit [] Feedyard [] Fertilizer storage [] Oil well/gas well Direction from well..... Distance from well.....

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 1: FROM, TO, See Boring Log, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [X] constructed, [] reconstructed or [X] plugged under my jurisdiction and was completed on (mo/day/year) 05/14/2015.... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 606..... This Water Well Record was completed on (mo/day/year) 06/15/2015 under the business name of PSA Environmental Services by (signature).....

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html



LOG OF BORING NO.

MW-17

SHEET NUMBER OF

Project #	Amoco #6823	Drilling Method	PSA Environmental	Water Level Data	
Address	1101 Metropolitan Leavenworth, Kansas	Bore Diameter	HAS 8 3/4 25	Date	Time
Well ID	17162393	Pumping Method	closed piston	Depth	
Driller	M. Wilson	Drill Bit Size	20	Survey Data	
Inspector	A. Butler	Start Date	5/14/15	Ground Surface	871.20
		Complete Date	5/14/15	Top Of Casing	870.85
				Ground Water	862.04
GEOLOGIC DESCRIPTION				NOTES	
(NAME, color, particle size, characteristics)					

815	3.0	0	1	Grass Surface	0-1ft. no odor
			2	CH, dark brown to brown CLAY wet, plastic, soft	
	3.5		3		
			4		
	3.2		5	CH, mottled orange and grey CLAY, moist, plastic, medium	4-5ft. no odor
			6		
815			7		
	4.5		8		
			9		
	3.8		10		8-9ft. no odor
			11		
824			12	CH, light brown CLAY wet, plastic, stiff	Saturated
	NM	5:5	13		
			14		
			15		
1538			16		
	NM	5:5	17		
			18	CL, light brown CLAY damp, low plastic, stiff	
			19	Weathered SHALE	
			20		
			21	Total Depth = 20ft per KDHE	
			22		
			23		
			24		
			25		

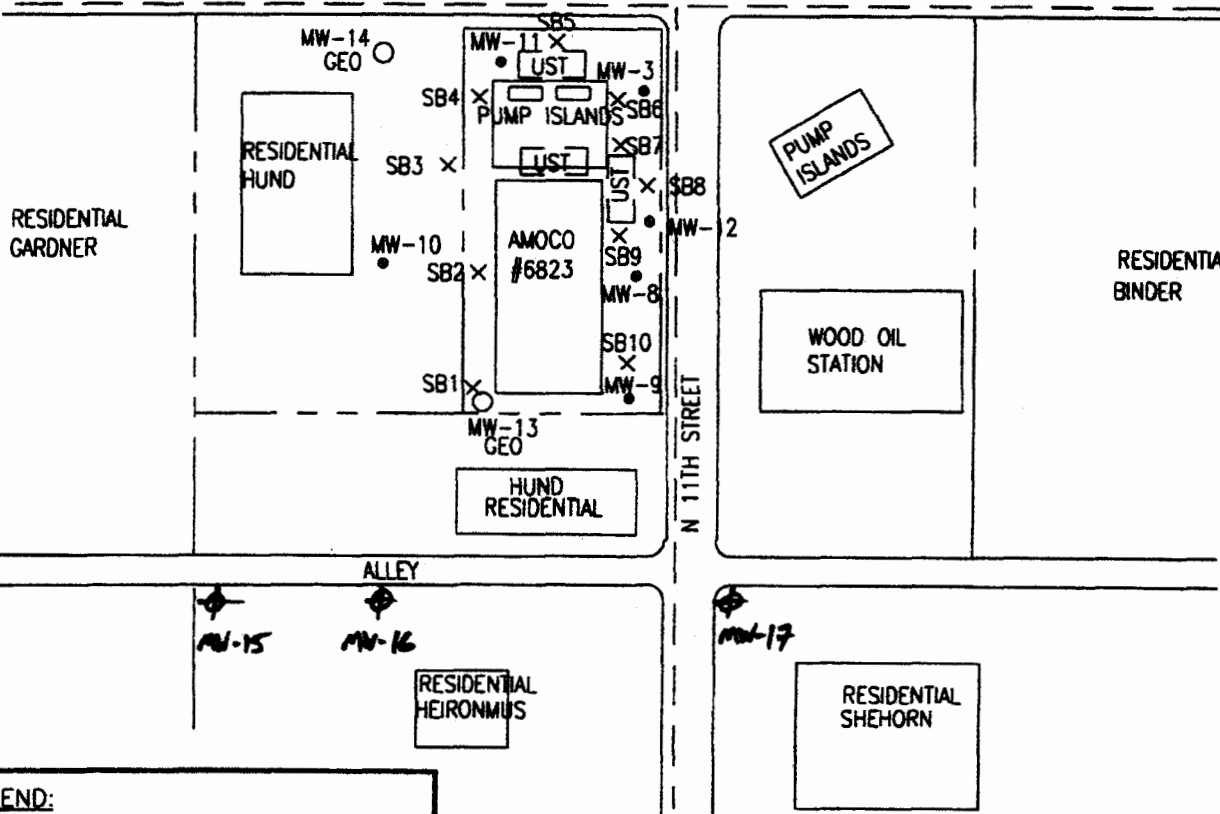
LEGEND:	SS - Silt Sand	Concrete	Bentonite Chip Seal	ST - Shelby Tube
PIC - Photoionization Detector	Flush Mount Vault	Filter Pack	HSA - Hollow Stem Augers	
NR - No Recovery	Grout	Well Screen	PPMV - Parts Per Million by Volume	

USA US PENITENTARY

RESIDENTIAL

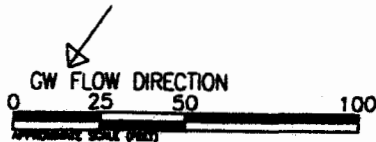
RESIDENTIAL

METROPOLITAN AVENUE



LEGEND:

- EXISTING MONITORING WELL
- × PROPOSED SOIL BORING
- PROPOSED MONITORING WELL
- SUBSURFACE UTILITIES (2-4 FT BGS)



PROJ.# 17102294

PAGE#

SCALE: AS SHOWN

DRAWN BY: RAB

FILE NO. 2294-F2

DESIGNED BY:

DATE: 8/3/11

APPROVED BY:



FIGURE 2
SITE PLAN

AMOCO #6823
1101 METROPOLITAN AVE.
LEAVENWORTH, KANSAS