

1 LOCATION OF WATER WELL: County: PHILLIPS		Fraction NW 1/4 SE 1/4 SE 1/4	Section Number 27	Township Number T 3 S 1	Range Number R 18 E W 1																
Distance and direction from nearest town or city street address of well if located within city? NORTH HIGAWAY 183 PHILLIPSBURG, KS																					
2 WATER WELL OWNER: COFFEYVILLE RESOURCES TERMINAL RR#, St. Address, Box # : P.O. Box 608 City, State, ZIP Code : PHILLIPSBURG, KS 67661 Board of Agriculture, Division of Water Resources Application Number:																					
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div style="text-align: center;"><table border="1" style="margin: auto;"><tr><td colspan="2">N</td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td colspan="2">S</td></tr></table></div>		N														S		4 DEPTH OF COMPLETED WELL 57 ft. ELEVATION: Depth(s) Groundwater Encountered 1 ft. 2 ft. 3 ft. WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr Pump test data: Well water was ft. after hours pumping gpm Est. Yield gpm: Well water was ft. after hours pumping gpm WELL WATER TO BE USED AS: 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 7 Domestic (lawn & garden) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No			
N																					
S																					
5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped <input checked="" type="radio"/> PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded Blank casing diameter 2 in. to 39 ft. Dia in. to ft. Dia in. to ft. Casing height above land surface 0 in., weight 564 40 lbs./ft. Wall thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: <input checked="" type="radio"/> PVC 10 Asbestos-Cement 1 Steel 3 Stainless Steel 5 Fiberglass 8 RMP (SR) 11 Other (Specify) 2 Brass 4 Galvanized Steel 6 Concrete tile 9 ABS 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot <input checked="" type="radio"/> Mill slot 5 Guaged wrapped 8 Saw cut 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes 7 Torch cut 10 Other (specify) ft. SCREEN-PERFORATED INTERVALS: From 54 ft. to 39 ft. From ft. to ft. GRAVEL PACK INTERVALS: From 54 ft. to 37 ft. From ft. to ft.																					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout <input checked="" type="radio"/> Bentonite 4 Other Grout Intervals: From 37 ft. to 1.0 ft. From ft. to ft. From ft. to ft. What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) 13 Insecticide storage Direction from well? How many feet?																					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS																
0	0.5	ORGANIC CLAY - TOPSOIL																			
0.5	24.5	SILT, CLAYEY, BROWN, LOW PLASTICITY																			
24.5	28.5	SAND, SILTY, LT. YELLOW BROWN, FINE TO MED GRAIN, WELL SORTED																			
28.5	31.5	SILT, SANDY, YELLOW BROWN, LOW PLASTICITY																			
31.5	36	SAND, PALE BROWN, FINE TO MED. GRAINED, WELL SORTED																			
36	41	SILT, SANDY, YELLOW BROWN, LOW TO MED. PLASTICITY																			
41	52	SAND, PALE BROWN, FINE TO MED. GRAINED, WELL SORTED																			
52	54	CLAY, MED. PLASTICITY																			
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 7-28-04 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 529 This Water Well Record was completed on (mo/day/yr) 8/23/04 under the business name of GETECHOLOGY, INC. by (signature) <i>[Signature]</i>																					
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send the three copies 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 to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.																					

Boring Log: IM-33**Project:** Coffeyville - CRT**Project No.:** 131018**Location:** Phillipsburg**Completion Date:** 7/28/04**Surface Elevation (feet AMSL*):** 1941.87**TOC Elevation (feet AMSL*):** 1941.40**Total Depth (feet):** 54**Borehole Diameter (inches):** 8.25

Sample Data					Subsurface Profile	
Depth	Sample Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description
0						Ground Surface
						<i>Organic Clay (OL)</i>
2		0/0		89		<i>Clayey silt (ML)</i> stiff, 10YR6/3, low plasticity, dry
4						
6		0/0		96		
8						
10		0/0		96		
12						
14		1/0		98		<i>Sandy, clayey, silt (ML)</i> med stiff-stiff, 10YR5/3, low plasticity, some sand grain inclusions, lighter in color near bottom of section
16						
18		1/0		98		<i>Sandy, clayey silt (ML)</i> med stiff- stiff, 10YR5/3, low plasticity, dry, some sand grain inclusions, sand content increasing with depth
20						

Well Construction

grout

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SEP 30 2004

BUREAU OF WATER

Geologist(s):**Subcontractor:****Driller/ Operator:****Method:**HSA ☐Geoprobe ☐**ID(inches):**Rotasonic ☐

* AMSL= Above mean sea level

Boring Log: IM-33

Project: Coffeyville - CRT

Project No.: 131018

Location: Phillipsburg

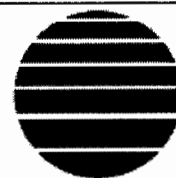
Completion Date: 7/28/04

Surface Elevation (feet AMSL*): 1941.87

TOC Elevation (feet AMSL*): 1941.40

Total Depth (feet): 54

Borehole Diameter (inches): 8.25



**ENVIRONMENTAL
STRATEGIES**

Sample Data					Subsurface Profile	
Depth	Sample Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description
22		2/0		93		
24						
26		0/0		91		<i>Silty sand (SM)</i> med dense, 10YR6/4, fine-medium grains, sub angular grains, higher sand content near bottom of section
28						
30		2/0	35	96		<i>Sand seam (SW)</i> med dense, 10YR6/4, well sorted, sub angular grains
						<i>Sandy silt (ML)</i> stiff-very stiff, 10YR5/4, low plasticity, slightly moist
		0/0	33	62		
32						<i>Sand (SW)</i> medium dense, 10YR6/3, well sorted, fine-medium grains, sub angular grains, occasional gravel piece
34		0/0	28	75		
36						<i>Sandy silt (ML)</i> soft-medium dense, 10YR5/3, low plasticity
		0/0	18	83		
38						<i>Clayey silt (ML)</i> medium stiff, 10YR5/4, low plasticity, moist, some sand
40		0/0	21	75		

Well Construction

hydrated bentonite

Geologist(s):
Subcontractor:
Driller/ Operator:

Method: HSA ☐ ID(inches):
Geoprobe ☐ Rotasonic ☐

* AMSL = Above mean sea level

Boring Log: IM-33
Project: Coffeyville - CRT

Project No.: 131018

Location: Phillipsburg

Completion Date: 7/28/04

Surface Elevation (feet AMSL*): 1941.87

TOC Elevation (feet AMSL*): 1941.40

Total Depth (feet): 54

Borehole Diameter (inches): 8.25

**ENVIRONMENTAL
STRATEGIES**

Sample Data					Subsurface Profile	
Depth	Sample Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description
42		0/0	29	92		Sandy silt (ML) med stiff-stiff, 10YR5/4, medium plasticity, moist-wet
44		0/0	17	86		Sand (SW) loose-medium dense, 10YR6/3, well sorted, fine-medium grained
46		0/0	24	96		Sand (SW) loose-medium dense, 10YR6/3, well sorted, fine-medium grains, some gravel pieces near bottom of section
48		0/1	24	92		Sand (SW) loose-medium dense, 10YR6/3, well sorted, fine-medium grains, some gravel pieces near bottom of section
50	205/207		31	79		Sand (SW) loose-med dense, 10YR5/2, well sorted sand, medium grained, gravel piece content increases slightly with depth
52	14/112		40	79		Sand (SW) loose-med dense, 10YR5/2, well sorted sand, medium grained, gravel piece content increases slightly with depth
54		0/2	8	100		Clay (CL/CH) very stiff, medium plasticity, wet, red-orange staining
56						
58						
60						

Well Construction

15' 0.010" slotted PVC pipe

sand filter pack

Geologist(s):
Subcontractor:
Driller/ Operator:
Method: HSA ☐ ID(inches):
 Geoprobe ☐ Rotasonic ☐

* AMSL = Above mean sea level