

CORRECTION(S) TO WATER WELL RECORD (WWC-5)

(to rectify lacking or incorrect information)

County: Wyandotte

Location listed as:

Section-Township-Range: 29-10S-25E

Fraction (1/4 1/4 1/4): NE NE SE

Location changed to:

29-10S-25E

NW SW SE NE

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

verification method: Latitude & longitude, KGS' "LEO" conversion tool, and mapping tool & aerial photo on KGS website.

initials: ARL date: 12/24/2008

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

Drilling Log

Project Name <i>M. P. QUENDARO</i>		Project Number <i>50252</i>		Boring Number <i>MW-19</i>	
Ground Elevation		Location <i>39.15129 N, 97.64444 W</i> <i>BPL, KANSAS CITY, KS</i>		Page <i>1</i>	
Air Monitoring Equipment <i>PID</i>				Total Footage <i>48'</i>	
Drilling Type <i>DIRT PUSH</i> <i>HSA</i>	Hole Size <i>2"</i> <i>5/4"</i>	Overburden Footage <i>48'</i>	Bedrock Footage <i>—</i>	No. of Samples <i>AD 1</i>	No. of Core Boxes <i>—</i>
Drilling Company <i>RAEIL</i>			Driller(s) <i>T. PECKER</i> <i>S. FARRIS</i>		
Drilling Rig <i>TRACK MOUNTED GEOPROBE</i>			Type of Sampler <i>ACCFATE</i> <i>CUTTINGS</i>		
Date <i>9-12-08</i>		To <i>9-12-08</i>		Field Observer(s) <i>D. DAVES</i>	

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
0	<i>GRASS</i>									
1	<i>CLAY, SOME SILT, YELLOWISH BROWN (10YR 5/4) VERY STEFF MEDIUM PLASTICITY, DAMP</i>	<i>CI</i>							<i>0</i>	<i>0-5' BEST (RAIL) CUTS START HSA DIRTLINE</i>
2									<i>0</i>	
3				<i>43</i>	<i>5</i>				<i>0</i>	
4									<i>0</i>	
5						<i>CSUS</i>			<i>0</i>	
6									<i>0</i>	<i>TRAIL COAL FRAGMENTS</i>
7									<i>0</i>	
8				<i>42</i>	<i>5</i>				<i>0</i>	
9									<i>0</i>	
10						<i>CSIC</i>			<i>0</i>	
11	<i>SILT, BROWN (10YR 4/3) SOME CLAY STEFF, TRAIL TO MEDIUM PLASTICITY</i>	<i>ML</i>							<i>0</i>	
12	<i>CLAY, TRAIL SILT AND SAND, DARK GRAY (2.5Y 4/1), VERY STEFF, MEDIUM TO HIGH PLASTICITY, DAMP</i>	<i>CH</i>							<i>0</i>	
13									<i>0</i>	
14									<i>0</i>	

BZ=Breathing Zone BH=Bore Hole S=Sample



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Drilling Log Continuation

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Project Name <i>MPC QUENDARO</i>						Page <i>2</i>				
Project Number <i>50252</i>						Date <i>9-12-08</i>				
Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
14	SAND, SOME SILT, VERY FINE TO FINE GRAINED, DARK GRAY (2.54 4/1) POORLY GRADED, DAMP	SM								0
15										0
16	CLAY TRACE TO SOME SILT DARK GRAY (54 5/2), VERY STIFF MEDIUM PLASTICITY, DAMP	CL		4.1 / 5						0
17										0
18	GRADING TO DARK GRAY (2.54 4/1)									0
19										0
20										0
21										0
22	CLAY, GRAYISH BROWN (2.54 5/2) HARD, MEDIUM TO HIGH PLASTICITY, DAMP	CH		3.6 / 5						0
23										0
24										0
25	SILT, SOME CLAY, GRAYISH BROWN (2.54 5/2), STIFF, TRACE PLASTICITY, MOIST TO WET	ML								0
26										0
27	CLAY, LIGHT OLIVE BROWN (2.54 5/3) VERY STIFF, MEDIUM TO HIGH PLASTICITY, DAMP	CH		2.7 / 5						0
28	SAND, VERY FINE TO FINE GRAINED, GRAYISH BROWN (1045 1/2), POORLY GRADED, DAMP	SP								0
29										0
30										0
31										0
32										0

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Drilling Log Continuation

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Project Number <i>50252</i>						Date <i>9-12-08</i>				
Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
32	<i>SAND, VERY FINE TO FINE GRAINED GRAYISH BROWN (10/15/12), POORLY GRADED, DAMP</i>	<i>SP</i>								
33										<i>0</i>
34						<i>SS-1</i>				
35					<i>0902</i>					
36									<i>0</i>	
37	<i>WET</i>			<i>2.8</i>						<i>0</i>
38				<i>1/5</i>						
39	<i>SAND, FINE TO COARSE GRAINED SUBANGULAR TO ROUNDED, WELL GRADED, MOIST</i>	<i>SW</i>								<i>0</i>
40					<i>0914</i>	<i>1095</i>	<i>START #50</i>			
41										
42					<i>CUTTINGS</i>					
43										
44										
45					<i>1052</i>					
46						<i>CUTTINGS</i>				
47										
48					<i>1103</i>					
			<i>TD=48' 1055</i>							

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Drilling Log Continuation

Project Name MPC QUENDARO	Boring Number MW-19
Project Number 50252	Page 4
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Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
<p style="text-align: center;">MW-19 NOT TO SCALE</p> <p style="text-align: center;">FLUSH MOUNT STEEL COVER</p> <p style="text-align: center;">0-2' 6" SS CONCRETE</p> <p style="text-align: center;">2-25' 6" SS CEMENT/ BENTONITE GROUT</p> <p style="text-align: center;">25-29.5' 4" SS HYDRATED BENTONITE CHIPS</p> <p style="text-align: center;">29.5-46' 8" SS 1 1/2" STEEL SAND</p>	<p style="text-align: center;">RISEAL = 31.75' 2" SCH 40 THREADED PVC</p> <p style="text-align: center;">SCREEN = 14.78' 2" 10 SLOT THREADED SCH 40 PVC</p> <p style="text-align: center;">ENDCAP = 10.46' 2" THREADED PVC</p> <p style="text-align: center;">BORING TD = 46' 8" WELL TD = 46.99' TOE</p>									

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