

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

SE 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.

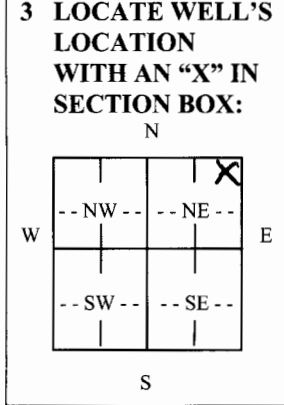
initials: DRL date: 12/24/2008

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.

1 LOCATION OF WATER WELL: County: Wyandotte Fraction: NE 1/4 NE 1/4 SE 1/4 Section Number: 29 Township Number: T 10 S Range Number: R 25 W

Distance and direction from nearest town or city street address of well if located within city? _____ **Global Positioning Systems** (decimal degrees, min. of 4 digits)
 Latitude: N 39.15023
 Longitude: W 94.64295

2 WATER WELL OWNER: Magellan Pipeline Company RR#, St. Address, Box #: one Williams Center City, State, ZIP Code: Tulsa, OK 74172
 Elevation: _____ Datum: NAD83
 Data Collection Method: Garmin



4 DEPTH OF COMPLETED WELL 38 ft.
 Depth(s) Groundwater Encountered (1)...34.86 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: 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes No X If yes, mo/day/yr
 Sample was submitted..... NIA Water well disinfected? Yes No X

5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) CASING JOINTS: Glued..... Clamped.....
2 PVC 4 ABS 7 Fiberglass Threaded.....
 Blank casing diameter in. to 21.60 ft., Diameter..... in. to ft., Diameter..... in. to ft.
 Casing height above land surface..... 0 in., Weight lbs./ft. Wall thickness or gauge No. Sch 40

TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 9 ABS 11 Other (Specify)
 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From 21.60 ft. to 3.8 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 21 ft. to 3.8 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From 21 ft. to 16.5 ft., From 16.5 ft. to 21 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 13 Insecticide storage 16 Other (specify)
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well below
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 15 Oil well/gas well

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS

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) 9-9-08 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 759 This Water Well Record was completed on (mo/day/year) 10-12-08 under the business name of BAZEK Environmental, LLC by (signature) Anthony J. Paul

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top 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. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

Drilling Log

Project Name MPC QUENTARD		Project Number 50252		Boring Number MW-21	
Ground Elevation NOT MEASURED		Location 39.15023 N, 94.64245 W		Page 1	
Air Monitoring Equipment PED				Total Footage 38	
Drilling Type DIRECT PUSH HSA	Hole Size 2" 8 1/4"	Overburden Footage 38'	Bedrock Footage —	No. of Samples —	No. of Core Boxes —
Drilling Company RATEK			Driller(s) T. POWLTON S. FARNS		
Drilling Rig TRACK MOUNTED LEOPROBE			Type of Sampler ALUMINUM SLEEVES CUTTINGS		
Date 9-9-08		To 9-9-08		Field Observer(s) D. DAUER	

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
1	CLAY, SOME SILT, YELLOWISH BROWN (10YR5/1), VERY STEFF, MEDIUM PLASTICITY, DAMP, TRACE GRAVEL AND COAL FRAGMENTS	C1 FILL			0:03	START DIRECT PUSH			0	0939 - START DRILLING W/ 8 1/4" AUGERS
2									0	
3									0	
4									0	
5						05:02			0	
6									0	
7									0	
8						3:4			0	
9									0	
10	GRAVEL, COAL FRAGMENTS SAND, SILT, BLACK (10YR2/1) WELL GRADED, DAMP	FILL GM				09:03			0	
11	CLAY, SOME SILT, TRACE TO SOME GRAVEL YELLOWISH BROWN (10YR5/1), STEFF TRACE TO MEDIUM PLASTICITY, DAMP TO MOIST, TRACE COAL DUST AND FRAGMENTS	C1 FILL							0	
12						3:3			0	
13									0	
14	COAL DUST AND FRAGMENTS, FINE SAND TO GRAVEL SIZE, BLACK (10YR2/1) WELL GRADED MOIST	SW FILL							0	

BZ=Breathing Zone BH=Bore Hole S=Sample



Drilling Log Continuation

						Boring Number <i>MW-21</i>				
Project Name <i>MPC QUINDARO</i>						Page <i>2</i>				
Project Number <i>50252</i>						Date <i>9-9-08</i>				
Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
14	BEAL DUST AND FRAGMENTS, FINE SAND TO GRAVEL SIZE, BLACK (10YR2/1) WELL GRADED WET	SW CSL								WATER 14' 2 1/2
15	CLAY, LIGHT OLIVE BROWN (2.5Y5/3) VERY STIFF, MEDIUM TO HIGH PLASTICITY, RAMP TO MOIST, TRACE SILT.	CH			0817					
16										
17	GRADING TO OLIVE BROWN (2.5Y4/3)			2.9 5						3" SILT LENS WET
18										3" SILT LENS WET
19										
20					0817					
21										
22	SAND, WITH SILT, VERY FINE TO FINE GRAINED SAND, LIGHT OLIVE BROWN (2.5Y5/3), WELL GRADED, TRACE TO NON PLASTIC, WET	SM			4.1 5					
23										
24	SAND, VERY FINE TO FINE GRAINED, TRACE SILT, OLIVE BROWN (2.5Y4/3)	SP								2" SANDY CLAY LENS
25	POORLY GRADED, MOIST				0830 0859					DRILLING w/ 3/4" AUGERS
26										
27					CUTTING					
28										
29										
30					0908					
31										
32										

BZ=Breathing Zone BH=Bore Hole S=Sample



Drilling Log Continuation

						Boring Number <i>MW-21</i>				
Project Name <i>MPC QUENBARO</i>						Page <i>3</i>				
Project Number <i>50252</i>						Date <i>9-9-08</i>				
Depth (feet)	Description	Class	Blow Count	Recov.	Run/ Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
<i>32</i>	<i>SAND, VERY FINE TO FINE GRAINED, TRACE SILT, OLIVE BROWN (2.54 4/3), POORLY GRADED WET</i>	<i>SP</i>								
<i>33</i>										
<i>34</i>										
<i>35</i>					<i>0916</i>		<i>0</i>			
<i>36</i>										
<i>37</i>										
<i>38</i>					<i>0920</i>		<i>0</i>			
<i>39</i>					<i>TD=38' ASS</i>					
<i>40</i>										
<i>41</i>										
<i>42</i>										
<i>43</i>										
<i>44</i>										
<i>45</i>										
<i>46</i>										

BZ=Breathing Zone BH=Bore Hole S=Sample



051601 Form WCD-KC-2-2

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
	MW-21 NOT TO SCALE									
	RISEA = 21.60' 2" SCH 40 THREADED PVC SCREEN = 14.80' 2" 10 SLOT THREADED SCH 40 PVC ENDLAP = 0.15' THREADED PVC									
	BOILING TD = 38' BSS WELL TD = 36.85' TOE									