

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

(to rectify lacking or incorrect information)

County: Wyandotte

Location listed as:

Location changed to:

Section-Township-Range: None Given

21-11S-25E

Fraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): _____

NW NW NW

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

verification method: well owner's address, city street map, and

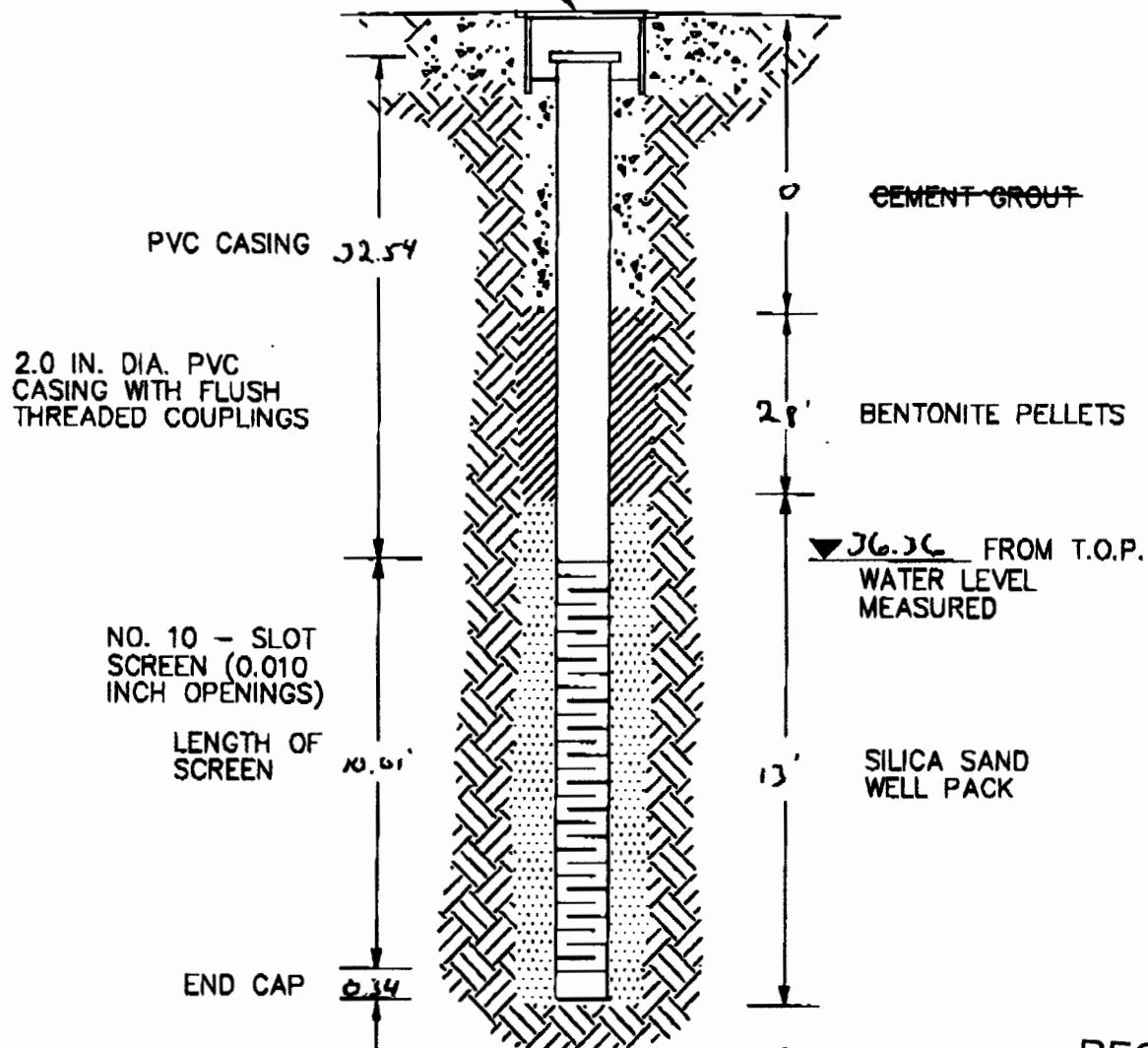
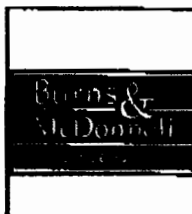
Shawnee 1:24,000 topo. map.

initials: DRJ date: 7/1/2005

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:		Fraction	Section Number	Township Number	Range Number								
County:		1/4 1/4 1/4		T S	R E/W								
Distance and direction from nearest town or city street address of well if located within city?													
2 WATER WELL OWNER: The PQ Corporation													
RR#, St. Address, Box # : 1700 Kansas Ave													
City, State, ZIP Code : Kansas City, KS													
Board of Agriculture, Division of Water Resources Application Number:													
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL 43 ft. ELEVATION:											
N W E S <table border="1" style="margin: auto; width: 100px; height: 100px;"><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>										Depth(s) Groundwater Encountered 1 36 ft. 2 36 ft. 3 36 ft.			
WELL'S STATIC WATER LEVEL 36 ft. below land surface measured on mo/day/yr													
Pump test data: Well water was 36 ft. after 36 hours pumping 36 gpm													
Est. Yield 36 gpm: Well water was 36 ft. after 36 hours pumping 36 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) 0 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													
5 TYPE OF BLANK CASING USED:													
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Welded Clamped													
2 PVC 4 ABS 7 Fiberglass 9 Other (specify below) Threaded													
Blank casing diameter 2 in. to 32.5 ft., Dia 2 in. to 32.5 ft., Dia 2 in. to 32.5 ft.													
Casing height above land surface 0 in., weight 0 lbs./ft. Wall thickness or gauge No. 24.70													
TYPE OF SCREEN OR PERFORATION MATERIAL:													
1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 10 Asbestos-Cement													
2 Brass 4 Galvanized Steel 6 Concrete tile 9 ABS 11 Other (Specify)													
12 None used (open hole)													
SCREEN OR PERFORATION OPENINGS ARE:													
1 Continuous slot 3 Mill slot 5 Guazed 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) 33 ft. to 43 ft.													
SCREEN-PERFORATED INTERVALS: From 33 ft. to 43 ft., From 33 ft. to 43 ft.													
GRAVEL PACK INTERVALS: From 28 ft. to 43 ft., From 28 ft. to 43 ft.													
6 GROUT MATERIAL: Neat cement 2 Cement grout 3 Bentonite 4 Other													
Grout Intervals: From 0 ft. to 2 ft., From 2 ft. to 2 ft., From 2 ft. to 2 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								
See Attached													
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) 5-18-05 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 759 This Water Well Record was completed on (mo/day/yr) 6-6-05 under the business name of RAZEK Environmental, LLC by (signature) Amir J. Razeq													

STEEL PROTECTIVE COVER

SURFACE
ELEVATION 757.6
TOP OF PIPE (T.O.P.)
ELEVATION 757.4BOTTOM OF
WELL
BELOW GRADE
42.99'DATE INSTALLED
5/18/05RECEIVED
JUN 21 2005
BUREAU OF WATER

CONSTRUCTION DIAGRAM

MW-8

NOT TO SCALE

Drilling Log

Project Name PQ		Project Number 3322 3927P		Boring Number MU-8						
Ground Elevation 757.6		Location KLK		Page 1						
Air Monitoring Equipment LEL/O₂				Total Footage 45'						
Drilling Type	Hole Size	Overburden Footage	Bedrock Footage	No. of Samples	No. of Core Boxes					
HSA	8"	45'	0	0	NA					
Drilling Company Rozek			Driller(s) Tony Rozek, Willie Rozek							
Drilling Rig 6620 DT Geo Probe			Type of Sampler NA							
Date 5/18/05		Field Observer(s) NATHAN HUGGINS								
Depth (feet)	Description	Class	Blow Count	Recov.	Run/ Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
1	Gravel Fill concrete, gravel, silty clay, black (7.5 YR 2.5/1) fine plasticity, med. consistency, moist		NA	NA		NA				
2										
3										
4										
5										
6										
7	silty clay, black, (7.5 YR 2.5/1) softly consistency									
8	Wet-saturated, non-plastic									
9										
10										
11										
12										
13										
14										

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Drilling Log Continuation

Project Name <u>PA</u>						Boring Number <u>MLC-8</u>				
Project Number <u>39278</u>						Page <u>2</u>				
Date <u>5/18/05</u>										
Depth (feet)	Description	Class	Blow Count	Recov.	Run/ Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
15	Silty clay, black (7.5YR 2.5/1) Sulfate-reducing, non-plastic, wet									
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

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Drilling Log Continuation

Project Name <u>Pa</u>						Boring Number <u>MU-8</u>				
Project Number <u>35278 35278</u>						Page <u>3</u>				
						Date <u>5/12/05</u>				
Depth (feet)	Description	Class	Blow Count	Recov.	Run/ Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
33	Sand, med. grained, trace clay, brown (7.5YR 4/2) sub-silty, well sorted, wet									
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										

Sub well 8
43'