

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: 29-10S-25E

29-10S-25E

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

SW SE SE NE

Other changes: Initial statements: \_\_\_\_\_

Changed to: \_\_\_\_\_

Comments: \_\_\_\_\_

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

initials: ERL 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.

<b>1 LOCATION OF WATER WELL:</b> County: <u>Wyandotte</u>	Fraction <u>NE 1/4 NE 1/4 SE 1/4</u>	Section Number <u>29</u>	Township Number <u>T 10 S</u>	Range Number <u>R 25 EW</u>
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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 39.15053  
 Longitude: W 94.64181  
 Elevation: \_\_\_\_\_  
 Datum: NAD 83  
 Data Collection Method: Garmin

**2 WATER WELL OWNER:** Magellan Pipeline Company  
 RR#, St. Address, Box # : One Williams Center  
 City, State, ZIP Code : Tulsa, OK 74172

**3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:**

			X

**4 DEPTH OF COMPLETED WELL** 48.6 ft.

Depth(s) Groundwater Encountered (1) 18.7 ft. (2) 42.63 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)
<u>2 PVC</u>	4 ABS	7 Fiberglass	

Blank casing diameter 2 in. to 32.84 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

**CASING JOINTS:** Glued \_\_\_\_\_ Clamped \_\_\_\_\_  
 Welded \_\_\_\_\_  
Threaded

**TYPE OF SCREEN OR PERFORATION MATERIAL:**

1 Steel	3 Stainless Steel	5 Fiberglass	<u>7 PVC</u>	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	<u>3 Mill slot</u>	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 32.84 ft. to 48.6 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**GRAVEL PACK INTERVALS:** From 31 ft. to 48.6 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 2 ft. to 27 ft., From 27 ft. to 31 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 below)
2 Sewer lines	5 Cess pool	8 Sewage lagoon	<u>1 Fuel storage</u>	14 Abandoned water well	
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) 9-8-08 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 RAZEK Environmental, LLC by (signature) Anthony J. Paulsen

**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 <i>WILLIAM - CROWDING</i>		Project Number <i>50252</i>		Boring Number <i>WW-17</i>	
Ground Elevation		Location <i>39.1553°N, 99.1271°W</i>		Page <i>1</i>	
Air Monitoring Equipment <i>PCD</i>		Total Footage <i>50'</i>			
Drilling Type <i>DEEP PROBE, LSA</i>	Hole Size <i>8 1/4"</i>	Overburden Footage <i>50'</i>	Bedrock Footage <i>—</i>	No. of Samples <i>—</i>	No. of Core Boxes <i>—</i>
Drilling Company <i>NAZEL</i>			Driller(s) <i>T. PORTER S. FARRIS</i>		<b>RECEIVED</b>  DEC 15 2008
Drilling Rig <i>TRAIL MOUNTED BEDPROBE</i>			Type of Sampler <i>ACETATE SLURKS CUTTINGS</i>		
Date <i>9-5-08</i>		To <i>9-7-08</i>		Field Observer(s) <i>D. PALES</i>	

**BUREAU OF WATER**

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
1	<i>CLAY, SANDSILT, VERY DARK BROWNISH BROWN (10YR 3/1), VERY STEEP, MEDIUM PLASTICITY, DAMP TO MOIST</i>	<i>CL FCU</i>								
2	<i>CLAY, SANDSILT YELLOWISH BROWN (10YR 5/4), VERY STEEP, MEDIUM PLASTICITY, DAMP</i>			<i>4.4</i>						<i>DEBRIS FRAGMENTS</i>
3				<i>1.5</i>						
4										
5					<i>1:02</i>					<i>FRAGMENTS</i>
6										
7				<i>4.2</i>						
8				<i>1.5</i>						
9										
10					<i>1:05</i>					<i>3" SAND SILT, LABEL</i>
11										
12				<i>3.5</i>						
13	<i>SILT, SANDY CLAY, YELLOWISH BROWN (10YR 5/4), STEEP, TRACE TO MEDIUM PLASTICITY, DAMP TO MOIST</i>	<i>ML</i>								
14										

BZ=Breathing Zone    BH=Bore Hole    S=Sample



051601 Form WCD-2-1

# Drilling Log Continuation

						Boring Number <i>MW-17</i>				
Project Name <i>MPC QUINDARO</i>						Page <i>2</i>				
Project Number <i>50252</i>						Date <i>9-8-05</i>				
Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
14	<i>SILT, SOME CLAY, YELLOWISH BROWN (10YR 5/4), STEFF, TRACE TO MEDIUM PLASTICITY, DAMP TO MOIST</i>	<i>ML</i>								
15					<i>1109</i>	<i>0</i>		<i>0</i>		
16									<i>0</i>	
17	<i>GRADING TO LIGHT OLIVE BROWN (2.5Y 5/3)</i>			<i>4.7</i>					<i>0</i>	
18				<i>15</i>					<i>0</i>	
19	<i>SILT, SOME CLAY, YELLOWISH BROWN (10YR 5/4), STEFF, TRACE TO MEDIUM PLASTICITY, DAMP</i>									
20					<i>1113</i>	<i>0</i>		<i>0</i>		
21									<i>0</i>	
22	<i>CLAY, TRACE TO SOME SILT, LIGHT OLIVE BROWN (2.5Y 5/3), VERY STEFF, MEDIUM TO HIGH PLASTICITY DAMP</i>	<i>CH</i>								<i>0</i>
23					<i>4.6</i>				<i>0</i>	
24	<i>SILT, SOME SAND, BROWN (10YR 5/3) SOFT, TRACE PLASTICITY, WET</i>	<i>ML</i>								<i>0</i>
25					<i>1119</i>	<i>0</i>		<i>0</i>		
26									<i>0</i>	
27	<i>SAND, VERY FINE TO FINE GRAINED, LIGHT OLIVE BROWN (10YR 5/3), POORLY GRADED, DAMP</i>	<i>SP</i>								<i>0</i>
28					<i>3.6</i>				<i>0</i>	
29					<i>14</i>				<i>0</i>	
30						<i>1123</i>	<i>0</i>		<i>0</i>	
31										

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# Drilling Log Continuation

						Boring Number <i>MW-17</i>					
Project Name <i>APC QUINDARO</i>						Page <i>3</i>					
Project Number <i>50252</i>						Date <i>9-8-03</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, LIGHT OLIVE BROWN (10% S13) POORLY GRADED DAMP</i>	<i>SP</i>		<i>3.1 /5</i>					<i>0</i>		
33											
34											
35					<i>1130</i>		<i>0</i>	<i>0</i>			
36								<i>0</i>			
37								<i>0</i>			
38	<i>VERY FINE TO MEDIUM GRAINED POORLY GRADED</i>			<i>3.4 /5</i>					<i>0</i>		
39											
40									<i>1142</i>		<i>0</i>
41								<i>0</i>			
42	<i>MOIST TO WET</i>							<i>0</i>			
43	<i>SAND, VERY FINE TO COARSE GRAINED, CLIVE BROWN (2.5% S13), SUBANGULAR TO ROUNDED, WELL GRADED, WET</i>	<i>SW</i>		<i>3.8 /5</i>					<i>0</i>		
44											
45									<i>1152</i>		<i>0</i>
46					<i>1250</i>	<i>STOP DIRECT PUSH CONTINUE DRILLING w/ 3/4 HSA OVERDRILLED DIRECT PUSH HOLE</i>					
47											
48					<i>cuttings</i>						
49											
50											

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*TPE=50' has*

# Drilling Log Continuation

Project Name <i>MPC GUENDANO</i>						Boring Number <i>MW-17</i>			
Project Number <i>50252</i>						Page <i>4</i>			
Date <i>9-8-03</i>									
Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	PID (ppm)			Remarks/ Water Levels
						BZ	BH	S	
<div style="text-align: center;"> <p><i>MW-17</i> <i>NOT TO SCALE</i></p> </div> <div style="display: flex; justify-content: space-between; align-items: flex-start; padding: 10px;"> <div style="width: 30%; font-size: small;"> <p><i>RESER= 32.84'</i> <i>2" TREADED</i> <i>SCH 40 PVC</i></p> <p><i>SCREEN= 14.77'</i> <i>2" 10 SLOT</i> <i>TREADED</i> <i>SCH 40 PVC</i></p> <p><i>ENDCAP= 0.46'</i> <i>2" TREADED</i> <i>PVC</i></p> </div> <div style="width: 40%; text-align: center;"> </div> <div style="width: 25%; font-size: small;"> <p><i>0-2' bgs</i> <i>CONCRETE</i></p> <p><i>2-27' bgs</i> <i>CEMENT</i> <i>BENTONITE</i> <i>GROUT</i></p> <p><i>27-31' bgs</i> <i>HYDRATED</i> <i>MEDIUM</i> <i>BENTONITE</i> <i>CHIPS</i></p> <p><i>31-48.6' bgs</i> <i>10/20</i> <i>SILICA</i> <i>SAND</i></p> </div> </div>									

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