

**WATER WELL RECORD MW-14 Form WWC-5**

Division of Water Resources; App. No.  

<b>1 LOCATION OF WATER WELL:</b> County: <u>Wyandotte</u>	Fraction: <u>NW 1/4 NW 1/4 SW 1/4</u>	Section Number: <u>28</u>	Township Number: <u>T 10 S</u>	Range Number: <u>R 25 W</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° 8.929  
 Longitude: W 94° 38.406  
 Elevation: \_\_\_\_\_  
 Datum: \_\_\_\_\_  
 Data Collection Method: Garmin

**2 WATER WELL OWNER:** Magellan Pipeline Company LP  
 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:**

N

-- NW --	-- NE --		
W	X		E
-- SW --	-- SE --		
		S	

**4 DEPTH OF COMPLETED WELL** ..... 30.5 ft.

Depth(s) Groundwater Encountered (1) 20.41 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) 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued..... Clamped.....  
2 PVC 4 ABS 7 Fiberglass 9 Other (specify below) Welded.....  
 Blank casing diameter ..... in. to 15 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 15 ft. to 30.5 ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**GRAVEL PACK INTERVALS:** From 12.5 ft. to 30.5 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 10 ft., From 10 ft. to 12.5 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
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) 6-27-08 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) 7-13-08 under the business name of RAZEK Environmental, LLC by (signature) [Signature]

**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 <b>MABELLAN PEPELONE COMPANY QUINDARO</b>		Project Number <b>48030</b>		Boring Number <b>MW-14</b>	
Ground Elevation <b>NOT MEASURED</b>		Location <b>BPU QUINDARO</b>		Page <b>1</b>	
Air Monitoring Equipment <b>PED</b>				Total Footage <b>30.5'</b>	
Drilling Type	Hole Size	Overburden Footage	Bedrock Footage	No. of Samples	No. of Core Boxes
<b>DIRECT PUSH HSA</b>	<b>2" 8 1/4"</b>	<b>30.5'</b>	<b>—</b>	<b>—</b>	<b>—</b>
Drilling Company <b>LAZEK</b>			Driller(s) <b>T. POULTER S. FARRIS</b>		
Drilling Rig <b>TRACK MOUNTED GEOPROBE</b>			Type of Sampler <b>ACETATE SLEEVES CUTTINGS</b>		
Date <b>6-26-08</b>		To <b>6-26-08</b>		Field Observer(s) <b>D. DAVIES</b>	

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels	
							BZ	BH	S		
1	CLAY, SOME SILT, TRALE SAND AND GRAVEL, DARK YELLOWISH BROWN (10YR 4/1), VERY STEFF MEDIUM PLASTICITY, DAMP	CL FCL			1600	STAY	0				
2									0		6" GRAVEL
3										0	
4											
5					1602						
6											
7											
8	SILT, SOME CLAY, DARK GRAY (2.5Y 4/1) VERY STEFF MEDIUM PLASTICITY, DAMP	ML									
9											
10	CLAY, SOME SILT, VERY DARK GRAY (10YR 4/1) VERY STEFF, MEDIUM PLASTICITY, DAMP	CL									
11											
12	GRADING TO DARK GRAY (2.5Y 4/1)										
13											
14											

BZ=Breathing Zone    BH=Bore Hole    S=Sample



# Drilling Log Continuation

Boring Number *MW-14*

Project Name *MPC QUINDARO*

Page *2*

Project Number *48030*

Date *6-26-08*

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
14	<del>CLAY, SOME SILT, VERY DARK GRAY (2.5Y 4/1)</del> VERY STIFF,	CL			1607			0		
15	MEDIUM PLASTICITY, DAMP DARK GRAY (2.5Y 4/1)							0		
16	----- SILT, SOME VERY FINE TO FINE SAND, DARK GRAY (5Y 4/1)	ML						0		
17	STIFF, TRACE PLASTICITY DAMP			3.7				0		
18				4				0		
19	MOIST							0	SLIGHT HC ODO	
20	SAND, TRACE TO SOME SILT VERY FINE TO FINE, DARK GRAY (2.5Y 4/1), WELL SORTED MOIST TO WET	SM			1610			0		
21								0		
22								0		
23	----- SAND, TRACE TO SOME SILT DARK GRAYISH BROWN (2.5Y 4/2) WELL SORTED, MOIST							0		
24										
25					1614					
26										
27										
28										
29										
30					1615			0 0		
		TD = 30.5' <i>bg</i>								

# Drilling Log Continuation

Project Name <b>MPC QUINDARO</b>						Boring Number <b>MW-14</b>	
Project Number <b>48030</b>						Page <b>3</b>	
						Date <b>6-26-08</b>	

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
<p style="font-size: 2em; margin: 0;">MW-14</p> <div style="display: flex; justify-content: space-between; align-items: flex-start; padding: 10px;"> <div style="width: 30%;"> <p>RESER= 14.56' 2" THREADED SCH 40 PVC</p> <p>SCREEN= 14.73' 2" 10 SLOT THREADED SCH 40 PVC</p> <p>ENDCAP= 0.18' 2" PVC SLEEPLAP</p> </div> <div style="width: 40%; text-align: center;"> </div> <div style="width: 25%;"> <p>0-2' ASS CONCRETE</p> <p>2-10' ASS PORTLAND CEMENT W/ BENTONITE</p> <p>10-12.5' ASS MEDIUM BENTONITE CHIPS</p> <p>12.5-30.5' ASS 10/20 SILICA SAND</p> </div> </div> <p style="margin-top: 20px; font-size: 1.2em;">FLASH MOUNT COVER</p> <p style="margin-top: 20px; font-size: 1.5em;">NOT TO SCALE</p>										