

WATER WELL RECORD MW-22S **Form WWC-5**

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: <u>Wyandotte</u> Distance and direction from nearest town or city street address of well if located within city?	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 W</u>
2 WATER WELL OWNER: <u>Magellan Pipeline Company LP</u> RR#, St. Address, Box # : City, State, ZIP Code :		Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: <u>N 39° 8.929</u> Longitude: <u>W 94° 38.406</u> Elevation: _____ Datum: _____ Data Collection Method: <u>Garmin</u>		

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div style="text-align: center;"> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr><td style="text-align: center;">N</td></tr> <tr><td style="text-align: center;">-- NW -- -- NE --</td></tr> <tr><td style="text-align: center;">W E</td></tr> <tr><td style="text-align: center;">-- SW -- -- SE --</td></tr> <tr><td style="text-align: center;">S</td></tr> </table> </div>	N	-- NW -- -- NE --	W E	-- SW -- -- SE --	S	4 DEPTH OF COMPLETED WELL <u>15.5</u> ft. Depth(s) Groundwater Encountered (1) <u>10.42</u> 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) <u>10 Monitoring well</u> Was a chemical/bacteriological sample submitted to Department? Yes No <u>X</u>; If yes, mo/day/yr Sample was submitted. <u>N/A</u> Water well disinfected? Yes No <u>X</u>
N						
-- NW -- -- NE --						
W E						
-- SW -- -- SE --						
S						

5 TYPE OF CASING USED:

1 Steel	3 RMP (SR)	5 Wrought Iron	8 Concrete tile	CASING JOINTS: Glued..... Clamped.....
<u>2 PVC</u>	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded.....
		7 Fiberglass		<u>Threaded</u>

Blank casing diameter in. to 5 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	<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 4.5 ft. to 15.5 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 4.5 ft. to 15.5 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 4.5 ft., From ft. to 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
<p style="font-size: 2em; opacity: 0.5;">See attached</p>					

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) Andrew 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 MABELLAN PIPELINE COMPANY - QUINDARO		Project Number 48030	Boring Number MW-225		
Ground Elevation NOT MEASURED		Location B PUL - QUINDARO, KS		Page 1	
Air Monitoring Equipment PID			Total Footage 15.5'		
Drilling Type HSA	Hole Size 8 1/4"	Overburden Footage 15.5'	Bedrock Footage —	No. of Samples —	No. of Core Boxes —
Drilling Company AAZEK			Driller(s) T. FOUTLER S. FARRIS		
Drilling Rig TRACK MOUNTED GEOPROBE			Type of Sampler CUTTINGS		
Date 6-25-08		To 6-25-08		Field Observer(s) D. DAVIS	

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
1	CLAY, SOME SILT, TRACE SAND DARK YELLOWISH BROWN (10YR 4/4) VERY STIFF, MEDIUM PLASTICITY DAMP	CL FILL			1608	START	0	0		
2										~2-3' bgs BRICK, GLASS LAVUL, COAL DUST AND FRAGMENTS
3		FILL								
4	SILT, SOME CLAY, GRAYISH BROWN (6.5Y 5/2) STIFF, TRACE PLASTICITY DAMP									
5					1614		0	0		
6	SILT, TRACE TO SOME CLAY BROWN (10YR 4/3)									
7	STIFF, TRACE PLASTICITY, MOIST									
8										
9										
10	GRADING TO DARK GRAYISH BROWN (10YR 4/2)				1618		0	0		
11										
12										
13										
14										

BZ=Breathing Zone BH=Bore Hole S=Sample



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Drilling Log Continuation

Project Name APC QUINDAROW						Boring Number MW-225	
Project Number 48030						Page 2	
						Date 6-25-08	

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
14	SILT, TRACE TO SOME CLAY, DARK BRAYISH BROWN (10yr 4/2)									
15	STIFF, TRACE PLASTICITY, MOIST				1620		9	0		

