

WATER WELL RECORD

Form WWC-5

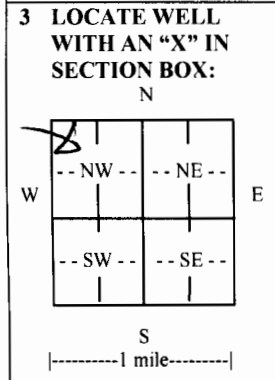
Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Miami Fraction 1/4 1/4 NW 1/4 NW 1/4 Section Number 9 Township No. T 18 S Range Number R 23 [X]E []W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here []. Magellan Pipeline Company, L.P. Paola Pump Station Site 24303 W. 343rd Street, Paola, KS

Global Positioning System (GPS) information: Latitude: 38.5049037 Longitude: -94.8822094 Elevation: Datum: [] WGS 84, [X] NAD 83, [] NAD 27 Collection Method: [X] GPS unit (Make/Model: GARMIN NUVI 760) [] Digital Map/Photo, [] Topographic Map, [] Land Survey Est. Accuracy: [X] <3 m, [] 3-5 m, [] 5-15 m, [] >15 m

2 WATER WELL OWNER: Magellan Pipeline Company, L.P. RR#, Street Address, Box #: 13424 W. 98th Street City, State, ZIP Code : Lenexa, KS 66215



3 LOCATE WELL WITH AN 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL 24.80 ft. Depth(s) Groundwater Encountered (1) 12.12 ft. (2) N/A ft. (3) N/A ft. WELL'S STATIC WATER LEVEL 12.12 ft. below land surface measured on mo/day/yr. 4-8-10 Pump test data: Well water was N/A ft. after N/A hours pumping N/A gpm EST. YIELD N/A gpm. Well water was N/A ft. after N/A hours pumping N/A gpm Bore Hole Diameter 8.25 in. to 24.80 ft., and N/A in. to N/A ft. WELL WATER TO BE USED AS: [] Public water supply [] Geothermal [] Injection well [] Domestic [] Feedlot [] Oil field water supply [] Dewatering [] Other (Specify below) [] Irrigation [] Industrial [] Domestic-lawn & garden [X] Monitoring well MW-11 Was a chemical/bacteriological sample submitted to Department? [] Yes [X] No If yes, mo/day/yr sample was submitted N/A Water well disinfected? [] Yes [X] No

5 TYPE OF CASING USED: [] Steel [X] PVC [] Other CASING JOINTS: [] Glued [] Clamped [] Welded [X] Threaded Casing diameter 2 in. to 204.80 ft., Diameter N/A in. to N/A ft., Diameter N/A in. to N/A ft. Casing height above land surface 0 in., Weight N/A lbs./ft., Wall thickness or gauge No. Schedule 40 TYPE OF SCREEN OR PERFORATION MATERIAL: [] Steel [] Stainless Steel [X] PVC [] Other (Specify) [] Brass [] Galvanized Steel [] None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: [] Continuous slot [X] Mill slot [] Gauze wrapped [] Torch cut [] Drilled holes [] None (open hole) [] Louvered shutter [] Key punched [] Wire wrapped [] Saw cut [] Other (specify) SCREEN-PERFORATED INTERVALS: From 4.80 ft. to 24.80 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 4.83 ft. to 24.80 ft., From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: [] Neat cement [] Cement grout [X] Bentonite [] Other Grout Intervals: From 1 ft. to 4.83 ft., From ft. to ft., From ft. to ft. What is the nearest source of possible contamination: [] Septic tank [] Lateral lines [] Pit privy [] Livestock pens [] Insecticide storage [] Other (specify below) [] Sewer lines [] Cesspool [] Sewage lagoon [X] Fuel storage [] Abandoned water well [] Watertight sewer lines [] Seepage pit [] Feedyard [] Fertilizer storage [] Oil well/gas well Direction from well Distance from well

Table with 4 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 1 contains 'SEE ATTACHED'.

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [X] constructed, [] reconstructed, or [] plugged under my jurisdiction and was completed on (mo/day/year) 4/7/10 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) 4/29/10 under the business name of RAZEK Environmental, LLC by (signature)

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) 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 copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html.

Drilling Log

Project Name MAGELLAN-PAOLA		Project Number 48042		Boring Number MW-11	
Ground Elevation		Location PAOLA, KS		Page 1 OF 3	
Air Monitoring Equipment MINI RAE 2000 PID				Total Footage 24.8	
Drilling Type HOLLOW STEM AUGER	Hole Size 8 1/4"	Overburden Footage 24.0	Bedrock Footage 0.8	No. of Samples -	No. of Core Boxes -
Drilling Company BAZEK ENVIRONMENTAL, LLC			Driller(s) TONY POULTER, SCOTT FERRIS		
Drilling Rig 6620 GEOPROBE DT			Type of Sampler CUTTINGS		
Date 4/7/10		To 4/7/10		Field Observer(s) KYLE PERINO	

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
1	TOPSOIL, SOME CLAY, TRACE SILT, DARK REDDISH BROWN (SYR 3/2) DAMP, TRACE PLASTICITY, STIFF	CL					0	0	0	BEGIN: 1136
2	CLAY, SOME SILT, BROWN (7.5YR 4/4) DAMP, MEDIUM PLASTICITY, STIFF	CL					0	0	0	
3							0	0	0	
4							0	0	0	
5					1145		0	0	0	
6							0	0	0	
7	CLAY, SOME GRAVEL (ANGULAR), SOME SILT, BROWN (7.5YR 4/4) MOIST, TRACE PLASTICITY, STIFF	CL					0	0	0	
8							0	0	0	
9							0	0	0	
10							0	0	0	
11	CLAY, SOME SILT, BROWN (7.5YR 4/4) MOIST, MEDIUM PLASTICITY, STIFF	CL			1151		0	0	0	
12							0	0	0	
13							0	0	0	
14							0	0	0	

BZ=Breathing Zone BH=Bore Hole S=Sample



Drilling Log Continuation

							Boring Number MW-11			
Project Name MAGELLAN-PAOLA							Page 2 OF 3			
Project Number 48042							Date 4/7/10			
Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
15					1158		0	0	0	
16	CLAY, SOME SILT, STRONG BROWN (7.5 YR 4/6) DAMP, MEDIUM PLASTICITY, STIFF	CL					0	0	0	
17										
18								0	0	0
19										
20					1207					
21							0	0	0	
22	SAND, TRACE CLAY, TRACE SILT, LIGHT BROWN (7.5 YR 6/4) WET, TRACE PLASTICITY, SOFT	SC					0	0	0	▼
23								0	0	0
24	BEDROCK									
25	END BORING, TOTAL DEPTH 24.8'	bgs								END 1215

BZ=Breathing Zone BH=Bore Hole S=Sample



Drilling Log Continuation

Project Name MAGELLAN - PAOLA						Boring Number MW-11				
Project Number 48042						Page 3 OF 3				
Date 4/7/10										
Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
<div style="display: flex; align-items: center;"> <div style="width: 100px; border-left: 1px solid black; border-right: 1px solid black; margin-right: 5px;"> <p style="text-align: center;">4.20 RISER</p> <p style="text-align: center;">20.00 SCREEN</p> <p style="text-align: center;">0.03 END CAP</p> </div> <div style="flex-grow: 1; text-align: center;"> <p style="font-size: 2em; font-weight: bold;">MW-11</p> <p style="font-size: 1.2em;">1' CONCRETE</p> <p style="font-size: 1.2em;">4.20 RISER</p> <p style="font-size: 1.2em;">20.00 SCREEN</p> <p style="font-size: 1.2em;">0.03 END CAP</p> <p style="font-size: 1.2em;">SAND FILTER PACK</p> <p style="font-size: 1.2em;">24.8' bgs</p> <p style="font-size: 1.2em;">4.83 3.83 BENTONITE</p> <p style="font-size: 1.2em;">NOT TO SCALE</p> </div> </div>										<p>SET WELL @ 24.8' bgs</p> <p>INSTALL 20.00 OF 10 SLOT SCH 40 THIRGATED PVC SCREEN, 4.20 OF 2" DIA SCH 40 PVC RISER AND 0.03 OF SLIP CAP END CAP. SAND INSTALLED FROM 24.8' - 3.83' bgs.</p> <p>BENTONITE CHIPS ADDED FROM 3.83' - 4.83' bgs. 1' bgs.</p> <p>FINISHED BELOW-GRADE W/ A CONCRETE COVER. USED 11.5 BAGS OF FILTER SAND AND 1 3/4 BAGS OF BENTONITE CHIPS.</p>

