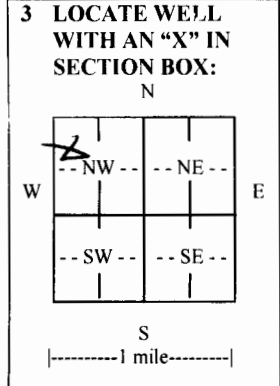


WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Miami	Fraction ¼ ¼ NW ¼ NW ¼	Section Number 9	Township No. T 18 S	Range Number R 23 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> Magellan Pipeline Company, L.P. Paola Pump Station Site 24303 W. 343rd Street, Paola, KS		Global Positioning System (GPS) information: Latitude: 38.5049037..... (in decimal degrees) Longitude: -94.8822094..... (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input checked="" type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model: GARMIN NUVI 760.....) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input checked="" type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m		
2 WATER WELL OWNER: RR#, Street Address, Box #: 13424 W. 98th Street City, State, ZIP Code : Lenexa, KS 66215				



4 DEPTH OF COMPLETED WELL 12.8..... ft.

Depth(s) Groundwater Encountered (1)..... ft. (2) N/A..... ft. (3) N/A..... ft.

WELL'S STATIC WATER LEVEL 4.76..... 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 12.8..... 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 Monitoring well MW-2.....

Was a chemical/bacteriological sample submitted to Department? Yes No
 If yes, mo/day/yr sample was submitted N/A.....

Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other.....

CASING JOINTS: Glued Clamped Welded Threaded

Casing diameter 2..... in. to 4.13..... ft., Diameter N/A..... in. to N/A..... ft., Diameter N/A..... in. to N/A..... ft.

Casing height above land surface 35.88..... in., Weight N/A..... lbs./ft., Wall thickness or gauge No. Schedule 40.....

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify).....
 Brass Galvanized Steel None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot 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 4.13..... ft. to 12.80..... ft., From..... ft. to..... ft.
 From..... ft. to..... ft., From..... ft. to..... ft.

GRAVEL PACK INTERVALS: From 2..... ft. to 12.8..... ft., From..... ft. to..... ft.
 From..... ft. to..... ft., From..... ft. to..... ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other.....

Grout Intervals: From 1..... ft. to 2..... 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 Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well.....

Direction from well..... Distance from well.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		SEE ATTACHED			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 4/5/10..... 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) 4/26/10..... under the business name of RAZEK Environmental, LLC..... by (signature) *Carl J. Rauter*

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-2	
Ground Elevation		Location PAOLA, KS		Page 1 of 2	
Air Monitoring Equipment MINIRAC 2000 PID				Total Footage 12.8	
Drilling Type HOLLOW STEM AUGER	Hole Size 8 1/4	Overburden Footage 10.8	Bedrock Footage 2.0	No. of Samples -	No. of Core Boxes -
Drilling Company RAZEK ENVIRONMENTAL, LLC			Driller(s) TONY POULTER, SCOTT FERRIS		
Drilling Rig 6620 GEOPROBE DT			Type of Sampler CUTTINGS		
Date 4/5/10		To 4/5/10		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, SOME SILT, BLACK (7.5 YR 2.5/1) DAMP, MEDIUM PLASTICITY, STIFF	CL					0	0	0	BEGIN. 1405
2										
3							0	0	0	
4	CLAY, SOME SILT, TRACE SAND, BROWN (7.5 YR 4/4) DAMP, MEDIUM PLASTICITY, STIFF	CL					0	0	0	GEOPROBED THEN DRILLED HOLE
5										
6							0	0	0	
7										
8	CLAY, SOME SILT, TRACE GRAVEL, BROWN (7.5 YR 4/4) DAMP, MEDIUM-LOW PLASTICITY, VERY STIFF	CL				MW-2 7-8' bgs SS-1	0	0	0	
9										
10	MORE GRAVEL, STRONG BROWN (7.5 YR 5/6)	CL					0	0	0	
11	LIMESTONE W/ SHALE MIXED IN, LIGHT BROWN (7.5 YR 6/4)						0	0	0	
12	WEATHERED SHALE, GRAVEL COARSE									
13	END BORING, TOTAL DEPTH		12.8							END 1430
14										

BZ=Breathing Zone BH=Bore Hole S=Sample



051801 Form WCD-2-1

Drilling Log Continuation

Project Name MAGELLAN-PAOLA		Boring Number MW-2
Project Number 48042		Page 2 OF 2
		Date 4/5/10

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="margin-right: 10px;"> <p>MW-2</p> <p>RISER 4.10</p> <p>SCREEN 10.67'</p> <p>0.03' END CAP</p> </div> </div>										<p>SET WELL @ 12.8' bgs - INSTALL 10.67' SCREEN 10 SLOT SCH 40 PVC AND 4.10' OF 2" DIA SCH 40 PVC RISER. 0.03' SLIP CAP END CAP. SAND INSTALLED FROM 12.8' - 2.00' bgs. BENTONITE CHIPS ADDED FROM 2' - 1' bgs. FINISHED ABOVE-GRADE W/ A CONCRETE PAD TO GROUND LEVEL AND A WELL COVER ABOVE GRADE. USED 7.5' BAGS OF FILTER SAND AND 1/2 BAG OF BENTONITE CHIPS.</p>

NOT TO SCALE



LAND SURVEYORS
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 PHILIP J. HENEHAN
 TODD M. SNYDER

April 9, 2010

Burns & Mc Donnell
 9400 Ward Parkway
 Kansas City, Mo. 64114

Attention: Mr. Trevor Gustafson

Email: tgustafson@burnsmcd.com

**RE: Monitor Well locations at the Magellan Pipeline
 Paola Pump Station, Paola, Kansas**

Dear Mr. Gustafson:

Listed below are the Kansas State Plane Coordinates and Elevations of the wells located September 2, 2008.

Monitor Well Number	Kansas State Plane Coordinate		Elevation	
	North	East	Top PVC Pipe	Ground
MW 1	2001246.4	2350952.8	857.87	855.18
MW 2	2001278.6	2351159.9	859.92	857.00
MW 3	2001137.1	2351085.5	853.63	853.97
MW 4	2001036.6	2350863.5	854.99	852.13
MW 5	2001060.5	2351259.1	853.57	853.84
MW 6	2000865.1	2350810.3	853.25	850.30
MW 7	2000913.9	2351096.7	852.41	852.91
MW 8	2000877.6	2351269.5	853.15	853.38
MW 9	2000682.4	2350838.7	854.91	852.40
MW 10	2000692.3	2351067.1	850.11	847.43
MW 11	2000768.6	2351278.9	848.57	848.78

The Kansas State Plane coordinates listed are south zone, NAD'83. The elevations are NAVD'88. The horizontal locations and ground elevations listed were taken on the marker imbedded in the concrete well base. If you have any questions, please give me a call.



Sincerely,

Philip J. Henehan, PLS
 ANDERSON SURVEY COMPANY, INC.

*The quiet of our estates, in a great measure, depends upon
 the faithfulness, understanding, and care of our surveyors.
 Virginia Statutes, 1705*