

1 LOCATION OF WATER WELL: County: Wyandotte Fraction NW 1/4 NW 1/4 SW 1/4 Section Number 28 Township Number T 10 S Range Number R 25 E

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: N39° 8.929
 Longitude: W94° 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) 21.26 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... N/A..... 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 6 Asbestos-Cement 9 Other (specify below) Welded.....
 7 Fiberglass Threaded

Blank casing diameter in. to ft., Diameter. in. to ft., Diameter in. to ft.
 Casing height above land surface..... 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 13 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 11 ft., From 11 ft. to 13 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 1 Fuel storage 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
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 MAGLWAN PIPELINE COMPANY QUINDARO		Project Number 48030	Boring Number MW-13		
Ground Elevation NOT MEASURED		Location BPU QUINDARO		Page 1	
Air Monitoring Equipment PID			Total Footage 30.5'		
Drilling Type	Hole Size	Overburden Footage	Bedrock Footage	No. of Samples	No. of Core Boxes
DIRECT PUSH HSA	2" / 8 1/4"	30.5'	—	—	—
Drilling Company RAZIK			Driller(s) T. POLTER / S. FALES		
Drilling Rig TRACK MOUNTED GEOPROBE			Type of Sampler ACETATE SLEEVES CUTTINGS		
Date 6-26-08		To 6-26-08	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, DARK YELLOWISH BROWN (10YR 4/1), VERY STIFF MEDIUM PLASTICITY DAMP TRACE SAND, GRAVEL, COAL, BITUM	CL FILL			1242	START	0	0			
2											
3											
4											
5											
6	GRAVEL FILL, SOME SAND WET	FILL			1244		0				
7											
8											
9	SILT, SOME CLAY, DARK GRAY (2.5Y 4/1) STEFF TO VERY STEFF, TRACE TO MEDIUM PLASTICITY MOEST	ML			1248		0				
10											
11	CLAY, TRACE TO SOME SILT DARK GRAY (2.5Y 4/1), VERY STIFF MEDIUM TO HIGH PLASTICITY, DAMP	CH			0 / 16	CUTTINGS	0				
12											
13											
14											

BZ=Breathing Zone BH=Bore Hole S=Sample



051601 Form WCD-2-1

Drilling Log Continuation

Boring Number *MW-13*

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	
15	<i>CLAY, TRACE TO SOME SILT DARK GRAY (2.54/1) VERY STIFF, MEDIUM TO HIGH PLASTICITY, DAMP</i>	<i>CH</i>			<i>1305</i>					
16										
17										
18					<i>CUTTINGS</i>					
19										
20	<i>SAND, TRACE SILT TO SOME SILT, VERY FINE TO FINE, MODERATELY SORTED, WRT, DARK GRAY (2.54/1)</i>	<i>SM</i>			<i>1310</i>		<i>0</i>			
21										
22					<i>CUTTINGS</i>					
23										
24										
25					<i>1315</i>		<i>0</i>			
26										
27					<i>CUTTINGS</i>					
28										
29										
30					<i>1322</i>		<i>0</i>			
31					<i>TD = 30.5' bgs</i>					

BZ=Breathing Zone BH=Bore Hole S=Sample



051601 Form WCD-KC-2-2

Drilling Log Continuation

Project Name MPC QUINDAHO						Boring Number MW-13	
Project Number 49030						Page 3	
						Date 6-26-08	

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="font-size: 24pt; margin: 0;">MW-13</p> <p style="margin: 10px 0;">RISER = 14.72' 2" THREADED SCH 40 PVC</p> <p style="margin: 10px 0;">SCREEN = 14.90' 2" THREADED 10 SLOT SCH 40 PVC</p> <p style="margin: 10px 0;">ENDCAP = 0.17' 2" PVC SLIPCAP</p> </div> <div style="width: 10%; text-align: center;"> </div> <div style="width: 45%;"> <p style="margin: 0;">0-2' 695 CONCRETE</p> <p style="margin: 0;">2-11' 695 PORTLAND CEMENT</p> <p style="margin: 0;">11-13' 695 MEDIUM BENTONITE CHIPS</p> <p style="margin: 0;">13-30.5' 695 10/20 SILICA SAND</p> </div> </div> <div style="margin-top: 20px; text-align: center;"> <p style="font-size: 18pt;">FLUSH MOUNT WELL</p> <p style="font-size: 18pt;">NOT TO SCALE</p> </div>										