WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. MPE/AS-45

1 LOCATION OF WATER WELL: County: Wyandotte	Fraction: NW ¼ NW ¼ ¼	Section Number: 35	Township Number: T 10 S	Range Number: R 25 E/W

Distance and direction from nearest town or city street address of well if located within city? 401 E. Donovan Rd, Kansas City, KS 66115

2 WATER WELL OWNER: Magellan Pipeline Company

RR#, St. Address, Box # : 401 E Donovan Rd

City, State, ZIP Code : Kansas City, KS 66115

Board of Agriculture, Division of Water Resources Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

N / NW / NE / W / E / SW / SE / S

4 DEPTH OF COMPLETED WELL 39.5 ft. ELEVATION: 743

Depth(s) Groundwater Encountered 1 ..... ft. 2 ..... ft. 3 ..... ft.

WELL'S STATIC WATER LEVEL N/A 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: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Domestic (lawn & garden) 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well ~~12 Other~~ (Specify below) extraction/air sparge

Was a chemical/bacteriological sample submitted to Department? Yes ..... No ✓ ; If yes, mo/day/yrs sample was submitted

Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED: 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)

CASING JOINTS: Glued ..... Clamped ..... Welded ..... Threaded

Blank casing diameter 2 in. to 36.5 ft., Dia 4 in. to 10.5 ft., Dia ..... in. to ..... ft.

Casing height above land surface -1 in., weight ..... lbs./ft. Wall thickness or guage No. .....

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless Steel 4 Galvanized Steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-Cement 11 Other (Specify) ..... 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4" 4 Key punched 5 Guazed wrapped 6 Wire wrapped 2" 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) ..... 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 2" 39.5 ft. to 36.5 ft., From 4" 30.5 ft. to 10.5 ft.

From ..... ft. to ..... ft., From ..... ft. to ..... ft.

GRAVEL PACK INTERVALS: From 40 ft. to 35.5 ft., From 31.5 ft. to 8.5 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 35.5 ft. to 31.5 ft., From 8.5 ft. to 5 ft., From ..... ft. to ..... ft.

What is the nearest source of possible contamination: 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) .....

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		See Attachment			

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) 10/6/05 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. 658 This Water Well Record was completed on (mo/day/yr) 1-4-06 under the business name of Boart Longyear Company 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.

GEOLOGIC LOG

LEGGETTE, BRASHEARS & GRAHAM, INC.

North Kansas City, Missouri

OWNER: Magellan Pipeline Company, L.P.

Well Number: MPE/AS - 45

PAGE 1 OF 1 PAGE(S)

SITE LOCATION: Kansas City Terminal
401 E. Donovan Road
Kansas City, KS 66115

SCREEN SIZE & TYPE: AS - 2-inch sch 40 V-wire
MPE - 4-inch sch 40 machine slot

SLOT NO.: AS - 0.020
MPE - 0.010

SETTING: AS 39.5 fbg - 36.5 fbg
MPE 30.5 fbg - 10.5 fbg

DATE COMPLETED: 10/06/05

SAND PACK SIZE & TYPE: AS - 12/20
MPE - 16/30

SETTING: AS 40 fbg - 35.5 fbg
MPE 31.5 fbg - 8.5 fbg

DRILLING COMPANY: Boart Longyear

Kevin O'Brian

CASING SIZE & TYPE: AS - 2-inch sch 40 PVC
MPE - 4-inch sch 40 PVC

SETTING: AS 36.5 fbg - 1.0 fbg
MPE 10.5 fbg - 1.0 fbg

DRILLING METHOD: 8 1/4 Hollow Stem Auger

SAMPLING METHOD: N/A

SEAL TYPE: AS - 1/4-inch bentonite time release pellets
MPE - 3/8-inch Bentonite Chips

SETTING: AS 35.5 fbg - 31.5 fbg
MPE 8.5 fbg - 5.0 fbg

OBSERVER: Susan Sweet

REFERENCE POINT (RP) East side of Dye House

BACKFILL TYPE: Sand

ELEVATION OF RP: Grade

STATIC WATER LEVEL: N/A

STICK-UP: Flush

DEVELOPMENT METHOD: N/A

SURFACE COMPLETION: Gravel (Temporary)

DURATION:

YIELD:

REMARKS:

ABBREVIATIONS: MC=MACRO CORE W=WASH C=CUTTINGS G=GRAB ST=SHELBY TUBE
REC=RECOVERY PPM=PARTS PER MILLION FBG=FEET BELOW GRADE

DEPTH (Feet) FROM	DEPTH (Feet) TO	SAMPLE TYPE	RECOVERED (Feet)	PID READING (ppm)	DESCRIPTION
0	8				Open bore hole.
8	13				CLAY (no sample)
13	20				SAND (no sample)
20	40	C			SAND and SILT, fine to medium; wet; odor.