| MATI   | ER WELL RECORD                         | Form MANAGE                       | VCA 000                          | 1010 ID No                            | MPE                          | 26                                     |                                 |            |
|--|--|-----------------------------------|----------------------------------|---------------------------------------|------------------------------|--|---------------------------------|------------|
| 1 LOCATION OF WATER WELL:  | Fraction                               | Form WWC-5                        |                                  | tion Number                           | Township Nui                 | mber                                   | Range Nu                        | ımber      |
| County: Wyandotte  | nw 1/4 nu                              | J 1/4                             | 1/4                              | 35                                    | т -/0                        | s                                      | R 25                            | <u>E</u> W |
| Distance and direction from nearest town                         | or city street addre                   | ss of well if located             | within city?                     |                                       |                              |  |                                 | •          |
| 401 E. Onovan Rd.,   | kansas C                               |                                   |                                  |                                       |                              |  |                                 |            |
| 2 WATER WELL OWNER: Mage   |  |                                   | minal                            |                                       |                              |  |                                 |            |
|  | Donovan I                              |                                   |                                  |                                       |                              |  | vision of Water I               | Resources  |
|  |  | 66115                             | 20                               | / FI F. / ATI                         | Application N                |  |                                 |            |
| 3 LOCATE WELL'S LOCATION WITH 4 AN "X" IN SECTION BOX:           | DEPTH OF COMP                          |                                   | •                                |                                       |                              |  |                                 |            |
| NI .   | Depth(s) Groundwat<br>WELL'S STATIC WA |                                   |                                  |                                       | measured on mo/              |  |                                 |            |
|  | Pump te                                | st data: Well water               | er was                           | ft. aft                               | er                           | hours pur                              | mping                           | gpm        |
|  | Est. Yield                             |                                   |                                  |                                       |                              |  |                                 | gpm        |
|  | WELL WATER TO B<br>1 Domestic          |                                   | Public water :<br>Oil field wate |                                       | Air conditioning  Dewatering |  | ection well<br>ner (Specify bel | ow),       |
| W   E  |  |                                   |                                  |                                       | Monitoring well.             | ATTY                                   | carge f Soi                     | i Vapx     |
| 1 1  |  |                                   |                                  |                                       |                              | ξ                                      | extraction                      | Wells      |
| SW SE   \  | Was a chemical/bac                     | teriological sample               | submitted to                     | Department? Ye                        | sNoX                         | ; If yes, mo                           | /day/yrs sample                 | e was sub- |
|  | mitted                                 |                                   |                                  | Wate                                  | er Well Disinfected          | d? Yes                                 | N                               | 0          |
| S  |  |                                   |                                  |                                       |                              |  |                                 |            |
| TYPE OF BLANK CASING USED:                                       |  | Vrought iron                      |                                  |                                       |                              |  | Clampe                          |            |
| 1 Steel 3 RMP (SR)<br>(2)PVC 4 ABS                               |  | 6 Asbestos-Cement<br>7 Fiberglass |                                  | 9 Other (specify below)               |                              | Welded<br>Threaded                     |                                 |            |
| Blank casing diameter  |  |                                   | 4                                | in to 10                              | O ft Dia                     |  |                                 |            |
| Casing height above land surface                                 |  |                                   |                                  |                                       |                              |  |                                 |            |
| TYPE OF SCREEN OR PERFORATION                                    |  | , <b>-</b> . <b>-</b> .           | (J)PV                            |                                       |                              | stos-Ceme                              |                                 |            |
| 1 Steel 3 Stainless Steel  |  |                                   |                                  | \ - <i>\</i>                          |                              |  |                                 |            |
| 2 Brass 4 Galvanize  |  | Concrete tile                     | 9 AB                             | S                                     | 12 None                      | e used (ope                            | ,                               |            |
| SCREEN OR PERFORATION OPENING                                    |  |                                   | zed wrapped                      |                                       | 8 Saw cut 9 Drilled holes    |  | 11 None (open                   | hole)      |
| 1 Continuous slot 3 Mill<br>2 Louvered shutter 4 Key             | slot<br>/ punched                      | 7 Torc                            | wrapped<br>h cut                 |                                       | 10 Other (specify)           |  |                                 | ft.        |
| SCREEN-PERFORATED INTERVALS:                                     | From 35                                | - 17/1                            |                                  | (2")                                  | 10.0                         |  |                                 |            |
| SORLEN-PERI CHATED INTERVALS.                                    |  |                                   |                                  |                                       |                              |  |                                 |            |
| GRAVEL PACK INTERVALS:   |  | ft. to                            |                                  |                                       |                              |  |                                 |            |
|  | From                                   | ft. to                            |                                  | ft., From                             |                              | π. to                                  |                                 | π.         |
| 6 GROUT MATERIAL: 1 Neat of                                      |  | Cement grout                      | (3)Ben                           | tonite 4                              | Other                        |  |                                 |            |
| Grout Intervals: From30.5  | ft. to34.5                             | ئے ft., From                      | 3.0ft. 1                         | 。 <i>8.0</i>                          | ft., From                    |  | ft. to                          | ft.        |
| What is the nearest source of possible contamination:            |  |                                   |                                  | 10 Livestock pens                     |                              |  | 14 Abandoned water well         |            |
| 1 Septic tank 4 Lateral lines                                    |  | 7 Pit privy                       |                                  | (11) Fuel storage                     |                              | 15 Oil well/Gas well                   |                                 |            |
| 2 Sewer lines 5 Cess pool  |  | 8 Sewage lagoo                    |                                  | 12 Fertilizer storage                 |                              | 16 Other (specify below)               |                                 |            |
| 3 Watertight sewer lines 6 Seepa Direction from well?            | ge pit                                 | 9 Feedyard                        |                                  | 13 Insecticide storage How many feet? |                              |  |                                 | -          |
| FROM TO  | LITHOLOGIC LOC                         | 2                                 | FROM                             | TO TO                                 |                              | GGING INT                              | EDVALS                          |            |
|  | ee attache                             |                                   | THOM                             | -10                                   | FLOC                         | adilla illi                            | LITVALO                         |            |
|  | cologic Loc                            |                                   |                                  |                                       |                              |  |                                 |            |
|  | totagic co                             | 3                                 |                                  |                                       |                              |  |                                 |            |
|  |  |                                   |                                  |                                       |                              |  |                                 |            |
|  |  |                                   |                                  |                                       |                              |  |                                 |            |
|  |  |                                   |                                  |                                       |                              |  |                                 |            |
|  |  |                                   |                                  |                                       |                              |  |                                 |            |
|  |  |                                   |                                  |                                       |                              |  |                                 |            |
|  |  |                                   |                                  |                                       |                              |  |                                 |            |
|  |  |                                   |                                  |                                       |                              |  |                                 |            |
|  |  |                                   |                                  |                                       |                              |  |                                 |            |
|  |  |                                   |                                  |                                       |                              |  |                                 |            |
|  |  |                                   |                                  |                                       |                              |  |                                 |            |
| 7 CONTRACTOR'S OR LANDOWNER                                      | 'S CERTIFICATION                       | · This water well u               | vas (1) conetr                   | ucted (2) recon                       | structed or (3) plu          | inded rindo                            | r my juriediction               | n and was  |
| completed on (mo/day/year)                                       | 5/12/09                                | / IIII water well w               |                                  | and this reco                         | ord is true to the be        | st of my kno                           | wledge and beli                 |            |
| completed on (mo/day/year)<br>Water Well Contractor's Licence No | 653                                    | This Wate                         | r Well Record                    | was completed                         | on (mo/day/yr)               | 7/                                     | 29/04                           |            |
| under the business name of Bart L                                | onquear Er                             | W. Drillie                        | Divisio                          |                                       | gnature)                     | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |                                 |            |
|  | A 1                                    | ,-                                |                                  |                                       |                              |  |                                 |            |

## **GEOLOGIC LOG** OWNER: Magellan Pipeline Company, LLC LEGGETTE, BRASHEARS & GRAHAM, INC. Well Number: MPE 26 North Kansas City, Missouri PAGE 1\_ OF 1\_ PAGE(S) AS - 2" sch 40 V-wire SITE LOCATION: SCREEN SIZE & TYPE: MPE - 4" sch 40 machine slot Kansas City Terminal AS 401 E. Donovan Road 38.5 fbg - 35.5 fbg Kansas City, KS 66115 AS - .020 MPE DRAFT SLOT NO.: MPE - .010 **SETTING:** 30.0 fbg - 10.0 fbg AS - 12/20 DATE COMPLETED: 05/12/04 SAND PACK SIZE & TYPE: MPE - 16/30 MPE 30.5 fbg - 8.0 fbg SETTING: DRILLING COMPANY: Boart Longyear 39.0 fbg - 34.5 fbg AS - 2" sch 40 PVC MPE - 4" sch 40 PVC CASING SIZE & TYPE: MPE 35.5 fbg +4.5'ag DRILLING METHOD: Hollow Stem Auger **SETTING:** 10.0 fbg - grade AS - 1/4" bentonite time release pellets SAMPLING METHOD: SEAL TYPE: MPE - 3/8" Bentonite Chips AS OBSERVER: Susan Sweet SETTING: 34.5 fbg - 30.5 fbg 8.0 fbg - 3.0 fbg REFERENCE POINT (RP) Grade **BACKFILL TYPE:** ELEVATION OF RP: 743.25 STATIC WATER LEVEL: STICK-UP: AS 4.5' MPE grade DEVELOPMENT METHOD: SURFACE COMPLETION: **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 SAMPLE RECOVERED PID READING **DEPTH** (Feet) DESCRIPTION **TYPE** (Feet) (ppm) **FROM** TO 0 6 Open bore hole. 7 6 CLAY. 7 8 SILT and SAND, fine; medium gray. Odor. 8 13 CLAY; dark gray; moist. Odor. 13 21 SAND, fine; olive-brown; dry. Odor. 21 25 SAND, fine; medium gray; moist. Strong odor. 25 32 SAND, medium; medium gray; wet. Strong odor. 32 39 SAND, medium; some organic material; medium gray; saturated. Strong odor

