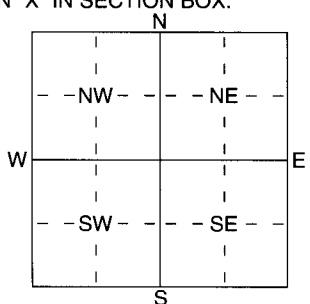


1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 Section Number 35 Township Number T -10 S Range Number R 25 E/W
 County: Wyandotte

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

2 WATER WELL OWNER: Magellan Kansas City Terminal
 RR#, St. Address, Box #: 401 E. Donovan Rd. Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Kansas City, KS 66115 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL 39 ft. ELEVATION: 743.10



Depth(s) Groundwater Encountered 1 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:
 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well
 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
Extraction Wells
 Was a chemical/bacteriological sample submitted to Department? Yes No X If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No X

5 TYPE OF BLANK 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
 Threaded X

Blank casing diameter in. to 35.5 ft., Dia 4 in. to 10.0 ft., Dia 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 10 Asbestos-Cement
 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RMP (SR) 11 Other (Specify)
 12 None used (open hole)

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

SCREEN-PERFORATED INTERVALS: From 35.5 ft. to 38.5 ft., From 10.0 ft. to 30.0 ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 34.5 ft. to 39 ft., From 8.0 ft. to 30.5 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 30.5 ft. to 34.5 ft., From 3.0 ft. to 8.0 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 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		<u>See attached Geologic log</u>			

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) 5/26/04 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 058 This Water Well Record was completed on (mo/day/yr) 7/29/04 under the business name of Boart Longyear Env. Drilling Division by (signature) [Signature]

GEOLOGIC LOG

LEGGETTE, BRASHEARS & GRAHAM, INC.

North Kansas City, Missouri

OWNER: Magellan Pipeline Company, LLC

Well Number: MPE 21 / AS 21

PAGE 1 OF 1 PAGE(S)

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

SCREEN SIZE & TYPE: AS - 2" sch 40 V-wire
MPE - 4" sch 40 machine slot
AS
38.5 fbg - 35.5 fbg
MPE
SLOT NO.: MPE - .020
SETTING: 30.0 fbg - 10.0 fbg

DATE COMPLETED: 05/26/04

DRILLING COMPANY: Boart Longyear

SAND PACK SIZE & TYPE: AS - 12/20
MPE - 16/30
AS
MPE
SETTING: 39.0 fbg - 34.5 fbg 30.5 fbg - 8.0 fbg

DRILLING METHOD: Hollow Stem Auger

CASING SIZE & TYPE: AS - 2" sch 40 PVC
MPE - 4" sch 40 PVC
AS
MPE
SETTING: 35.5 fbg - +4.5'ag 10.0 fbg - grade

SAMPLING METHOD:

AS - 1/4" bentonite time release pellets
SEAL TYPE: MPE - 3/8" Bentonite Chips
AS
MPE
SETTING: 34.5 fbg - 30.5 fbg 8.0 fbg - 3.0 fbg

OBSERVER: Susan Sweet

REFERENCE POINT (RP): Grade

BACKFILL TYPE:

ELEVATION OF RP: 743.16

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

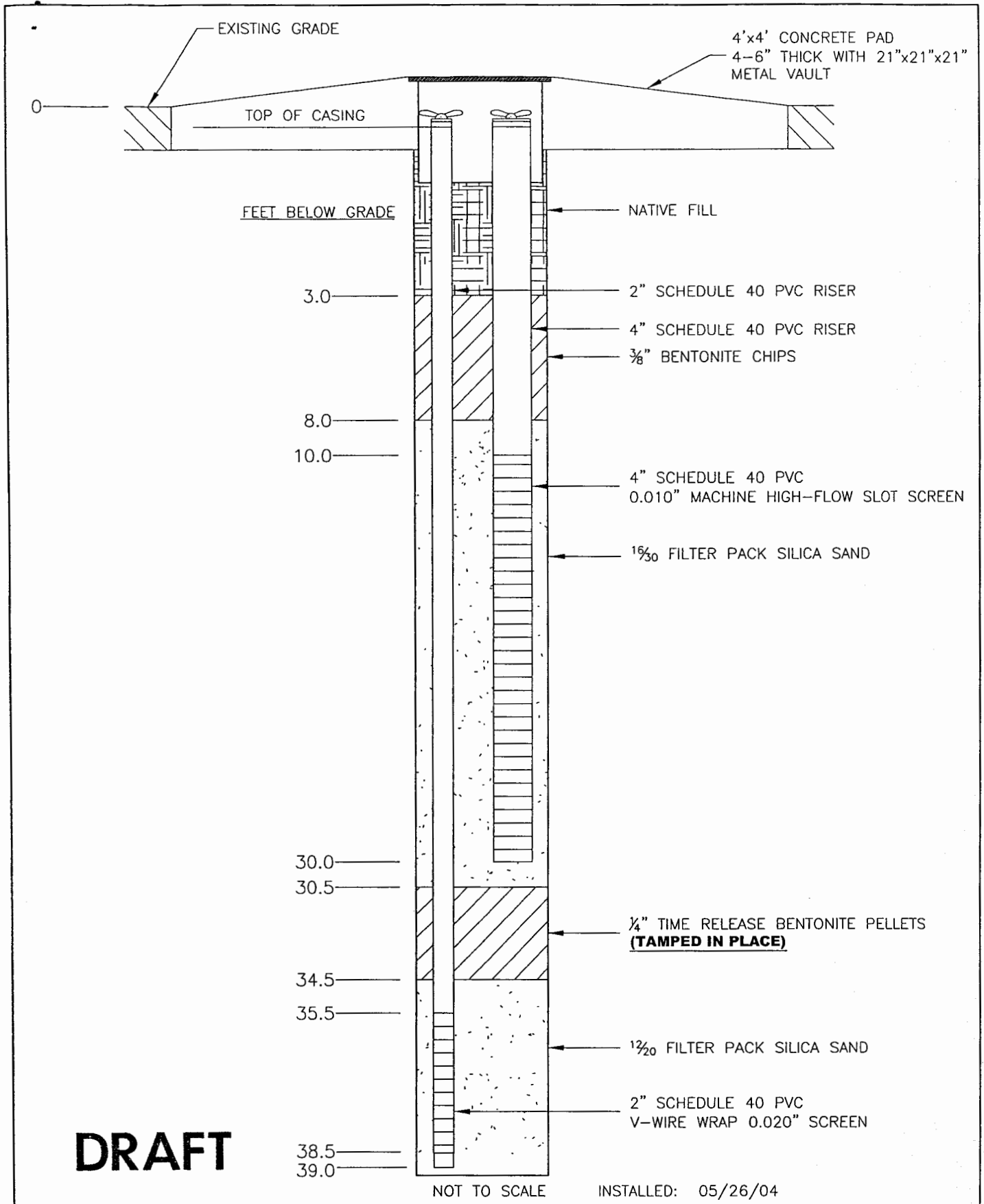
REC=RECOVERY

PPM=PARTS PER MILLION

FBG=FEET BELOW GRADE

DEPTH (Feet)		SAMPLE TYPE	RECOVERED (Feet)	PID READING (ppm)	DESCRIPTION
FROM	TO				
0	6				Open bore hole.
6	8				CLAY; gray-brown; moist. Odor.
8	22				SAND, fine; some medium; olive-gray; moist. Odor.
22	28				SAND, medium; olive-gray; wet. Strong odor.
28	39				SAND, medium; some coarse; medium gray; saturated. Strong odor.

DRAFT



DATE	REVISED

Prepared By:
LEGGETTE, BRASHEARS & GRAHAM, INC.
 Professional Ground-Water and
 Environmental Engineering Services
 2103 Burlington Street
 North Kansas City, Missouri 64116
 (816) 421-7766

MAGELLAN PIPELINE COMPANY, LLC
 KANSAS CITY TERMINAL
 KANSAS CITY, KANSAS

MPE/SVE & AS WELL 21
 CONSTRUCTION DIAGRAM

FILE: MPE_AS 21.dwg DATE: MAY 2004 FIGURE: 1