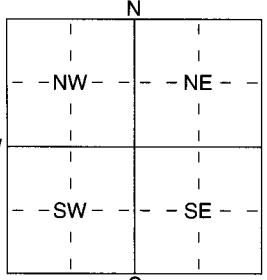


1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 Section Number 35 Township Number T-10 S Range Number R 25 (EN)
County: Wyandotte

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 40.5 ft. ELEVATION: 744.64
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 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) Air space / Soil Vapors 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 2 PVC (2) 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 X
Blank casing diameter 2 in. to 37.0 ft. Dia 4 in. to 11.5 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 2 Brass 3 Stainless Steel 4 Galvanized Steel 5 Fiberglass 6 Concrete tile 7 PVC (7) 8 RMP (SR) 9 ABS 10 Asbestos-Cement 11 Other (Specify) 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
1 Continuous slot (1) 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)
SCREEN-PERFORATED INTERVALS: From 37.0 ft. to 40.0 ft., From 11.5 ft. to 31.5 ft.,
GRAVEL PACK INTERVALS: From 36.0 ft. to 40.5 ft., From 9.5 ft. to 32.0 ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite (3) 4 Other
Grout Intervals: From 32.0 ft. to 36.0 ft., From 4.5 ft. to 9.5 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 (11) 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
		<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) 5/19/04 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. 659 This Water Well Record was completed on (mo/day/year) 7/29/04 under the business name of Boart Longyear Env. Drilling Division 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, LLC

Well Number: MPE 14 / AS 14

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
40.0 fbg - 37.0 fbg
MPE
31.5 fbg - 11.5 fbg

SLOT NO.: MPE - .010 **SETTING:** 31.5 fbg - 11.5 fbg

DATE COMPLETED: 05/19/04

DRILLING COMPANY: Boart Longyear

SAND PACK SIZE & TYPE: AS - 12/20
MPE - 16/30
AS
MPE
SETTING: 40.5 fbg - 36.0 fbg 32.0 fbg - 9.5 fbg

DRILLING METHOD: Hollow Stem Auger

CASING SIZE & TYPE: AS - 2" sch 40 PVC
MPE - 4" sch 40 PVC
AS
MPE
SETTING: 37.0 fbg - +3.0'ag 11.5 fbg - -1.5 fbg

SAMPLING METHOD:

OBSERVER: Susan Sweet

SEAL TYPE: AS - 1/4" bentonite time release pellets
MPE - 3/8" Bentonite Chips
AS
MPE
SETTING: 36.0 fbg - 32.0 fbg 9.5 fbg - 4.5 fbg

REFERENCE POINT (RP) Grade

BACKFILL TYPE:

ELEVATION OF RP: 744.64

STATIC WATER LEVEL:

STICK-UP: AS 3.0' MPE 1.5'

DEVELOPMENT METHOD:

SURFACE COMPLETION:

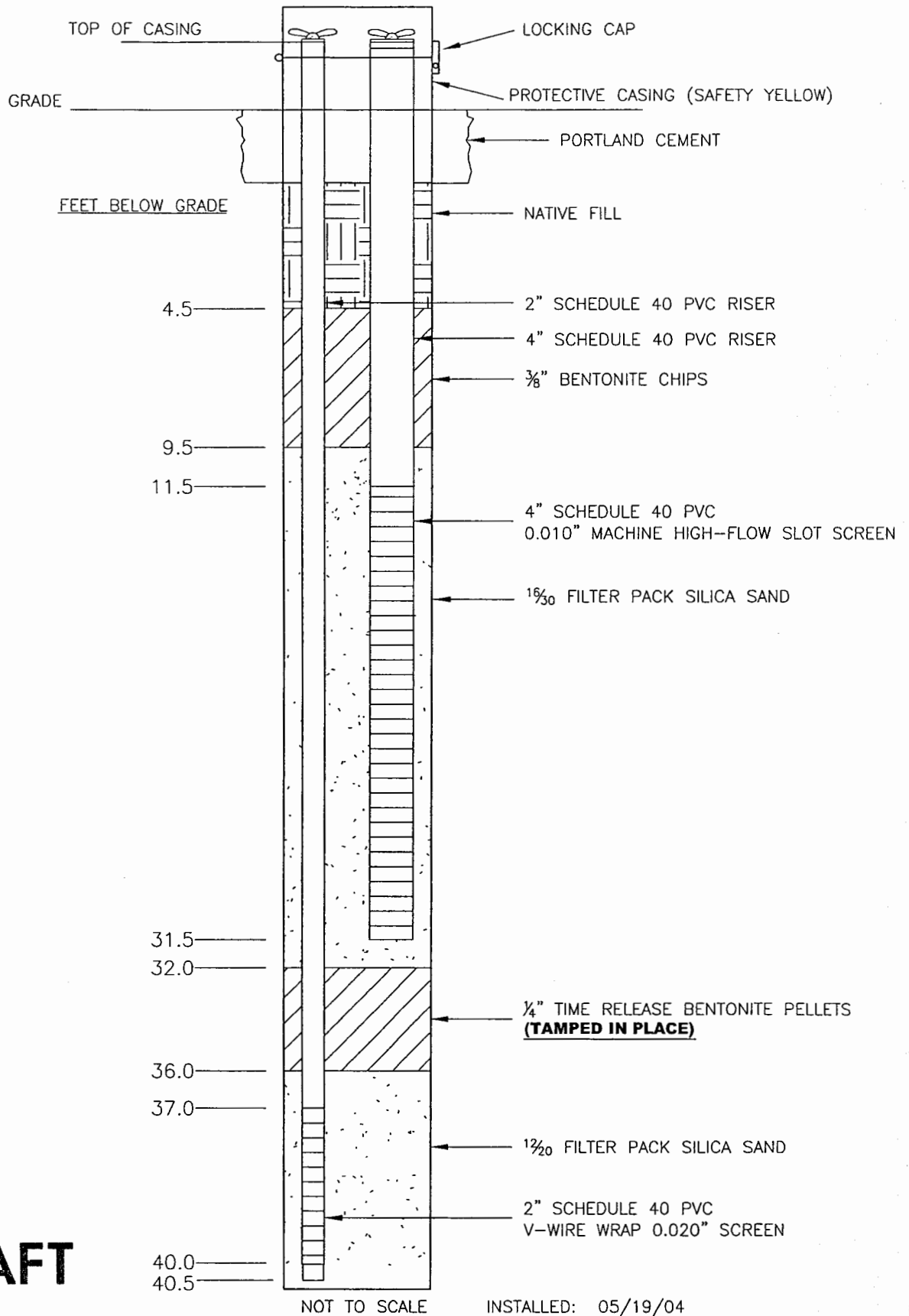
DURATION: **YIELD:**

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	13				CLAY; dark gray; wet. Strong odor.
13	23				SILT and SAND, fine; dark gray; moist. Strong odor.
23	32				SAND, medium; dark gray; wet. Strong odor.
32	40.5				SAND, medium; some coarse; medium gray; saturated. Strong odor.

DRAFT



DRAFT

DATE	REVISED	Prepared By:	MAGELLAN PIPELINE COMPANY, LLC
		LEGGETTE, BRASHEARS & GRAHAM, INC.	KANSAS CITY TERMINAL
		Professional Ground-Water and Environmental Engineering Services	KANSAS CITY, KANSAS
		2103 Burlington Street	MPE/SVE & AS WELL 14
		North Kansas City, Missouri 64116	CONSTRUCTION DIAGRAM
		(816) 421-7766	FILE: MPE_AS 14.dwg DATE: MAY 2004 FIGURE: 1