

GEOLOGIC LOG

LEGGETTE, BRASHEARS & GRAHAM, INC.

North Kansas City, Missouri

OWNER: Magellan Pipeline Company, LLC

Well Number: MPE 08 / AS 08

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
41.0 fbg - 38.0 fbg
MPE
SLOT NO.: MPE - .010 **SETTING:** 32.5 fbg - 12.5 fbg

DATE COMPLETED: 05/03/04

SAND PACK SIZE & TYPE: AS - 12/20
MPE - 16/30
AS
MPE
SETTING: 41.5 fbg - 37.1 fbg 33.0 fbg - 10.3

DRILLING COMPANY:Boart Longyear

CASING SIZE & TYPE: AS - 2" sch 40 PVC
MPE - 4" sch 40 PVC
AS
MPE
SETTING: 38.0 fbg - +2.0'ag 32.5 fbg - +2.5'ag

DRILLING METHOD: Hollow Stem Auger

SEAL TYPE: AS - 1/4" bentonite time release pellets
MPE - 3/8" Bentonite Chips
AS
MPE
SETTING: 37.1 fbg - 33.0 fbg 10.3 fbg - 5.3 fbg

SAMPLING METHOD:

OBSERVER: Susan Sweet

REFERENCE POINT (RP) Grade

BACKFILL TYPE:

ELEVATION OF RP: 745.33

STATIC WATER LEVEL:

STICK-UP: AS 2.0' MPE 2.5'

DEVELOPMENT METHOD:

SURFACE COMPLETION:

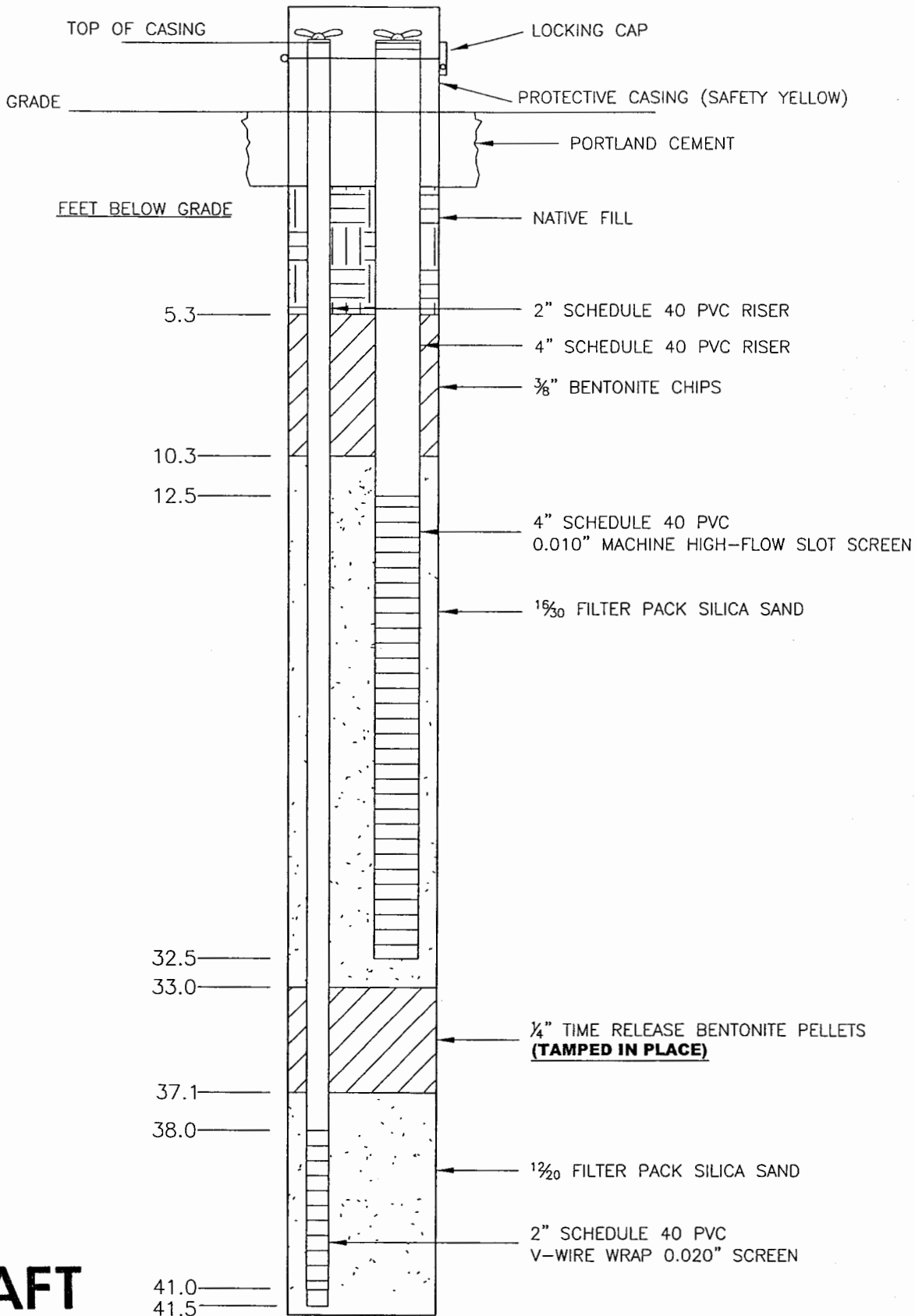
DURATION: **YIELD:**

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	8				CLAY.
8	11				SAND, fine; little silt; medium gray; dry. No odor.
11	18				SAND, fine; medium gray; dry. Odor.
18	20				CLAY; some sand, fine; medium gray; moist. Odor.
20	24				SAND, fine; medium gray; dry. Odor.
24	28				SAND, fine, some medium; medium gray; moist. Odor.
28	30				SAND, fine graded to medium; little silt; medium gray; wet. Odor.
30	38				SAND, fine graded to medium; little silt; medium gray; saturated. Odor.
38	41.5				SAND, fine and medium; some organic material; medium gray; saturated. Strong odor.

DRAFT



DRAFT

NOT TO SCALE

INSTALLED: 05/03/04

DATE	REVISED	Prepared By:	MAGELLAN PIPELINE COMPANY, LLC
		LEGGETTE, BRASHEARS & GRAHAM, INC.	KANSAS CITY TERMINAL
		Professional Ground-Water and	KANSAS CITY, KANSAS
		Environmental Engineering Services	MPE/SVE & AS WELL 08
		2103 Burlington Street	CONSTRUCTION DIAGRAM
		North Kansas City, Missouri 64116	
		(816) 421-7766	
			FILE: MPE_AS 08.dwg
			DATE: MAY 2004
			FIGURE: 1