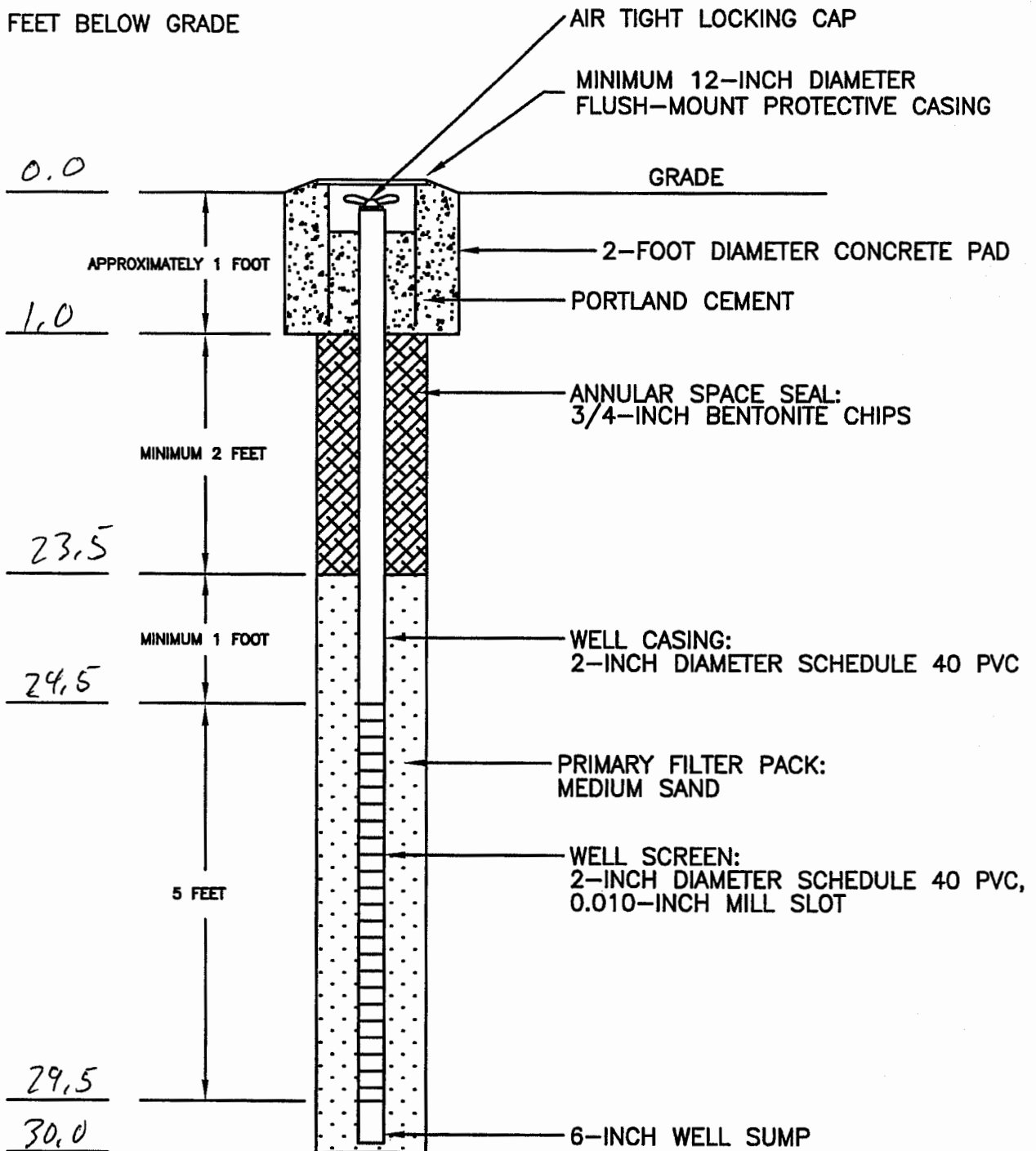




FEET BELOW GRADE



NOT TO SCALE

COMPLETED ON: 4/1/04

DATE	REVISED

Prepared By:  
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**MAGELLAN PIPELINE COMPANY, LLC.**  
 55th & PFLUMM / 53rd & SUMMIT RELEASE SITE  
 SHAWNEE, KANSAS

**MONITORING WELL 06 CONSTRUCTION DIAGRAM  
 FLUSH GRADE COMPLETION**

FILE: MW 06.DWG | DATE: MAY 2004 | FIGURE: 1

<b>GEOLOGIC LOG</b>					<b>OWNER:</b> Magellan Pipeline Company, LLC
<b>LEGGETTE, BRASHEARS &amp; GRAHAM, INC.</b>					<b>TEST HOLE:</b> MW-06
North Kansas City, Missouri					<b>PAGE 1 OF 2 PAGE(S)</b>
<b>SITE LOCATION:</b> 53rd and Summit			<b>SCREEN SIZE &amp; TYPE:</b>		
<b>DATE COMPLETED:</b> 04/01/04			<b>SLOT NO.:</b> <b>SETTING:</b>		
<b>DRILLING COMPANY:</b> Boart Longyear			<b>SAND PACK SIZE &amp; TYPE:</b>		
<b>DRILLING METHOD:</b> Rotasonic			<b>SETTING:</b>		
<b>SAMPLING METHOD:</b>			<b>CASING SIZE &amp; TYPE:</b>		
<b>OBSERVER:</b> Brandon Gomer			<b>SETTING:</b>		
<b>REFERENCE POINT (RP)</b> Survey stake			<b>SEAL TYPE:</b>		
<b>ELEVATION OF RP:</b> 930.6			<b>SETTING:</b>		
<b>STICK-UP:</b>			<b>BACKFILL TYPE</b>		
<b>SURFACE COMPLETION:</b>			<b>STATIC WATER LEVEL:</b>		
<b>REMARKS:</b>			<b>DEVELOPMENT METHOD:</b>		
<b>ABBREVIATIONS:</b> MC=MACRO CORE W=WASH C=CUTTINGS G=GRAB ST=SHELBY TUBE			<b>DURATION:</b> <b>YIELD:</b>		
REC=RECOVERY			PPM=PARTS PER MILLION		
			FBG=FEET BELOW GRADE		
DEPTH (Feet)		SAMPLE TYPE	RECOVERED (Feet)	PID READING (ppm)	DESCRIPTION
FROM	TO				
0	0.5	G	0.5	0.9	Surface soil sample.
0	1		2.0	0.1	Silty CLAY, dark yellow-brown; soft
1	2		2.0	0.0	transition from soft to firm (15")
2	3		1.0	0.0	(some slough and bentonite chips)
3	4		1.0	0.0	
4	5		1.0	0.0	Medium/dark yellow-brown; slight dark mottling.
5	6	ST	1.0	0.0	Medium/light yellow-brown; soft.
6	7		1.0	0.0	6.5 transition to firm, beige and dark mottling, moderate orange-brown, friable.
7	8		1.0	0.0	
8	9		1.0	0.1	
9	10		1.0	0.2	Silty CLAY; transition to more beige and more orange color.
10	11		1.0	0.1	
11	12		1.0	0.3	
12	13		1.0	1.3	ORGANIC MATTER
13	14		1.0	0.9	
14	15		1.0	0.9	
15	16		1.0	0.0	
16	17		1.0	0.0	Silty CLAY; not friable.
17	18		1.0	0.2	Beige and dark mottling.
18	19		1.0	0.2	

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19	20		1.0	0.4	
20	21		1.0	0.3	(20.5) Silty CLAY with small clasts; moderate orange-brown; firm; not mottling.
21	22		1.0	0.2	
22	23		1.0	0.2	
23	24		1.0	0.3	Silty CLAY with clasts; moderate yellow-brown; soft; dark and beige mottling; not friable.
24	25	G	1.0	0.3	
25	26		1.0		
26	27	G	1.0	0.1	Shaley LIMESTONE with clay coating/fractures; cobble size.
27	28		1.0		
28	29	G	1.0	0.3	CLAY layer ~ 29'; mottled; gray.
29	30		1.0		Shaley LIMESTONE; medium/light gray; more competent; cobble size stones.
terminated					

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