WATER WE	ELL RECORD Form	n WWC-5 KSA	82a-1212 ID N	io. mPE31		
1 LOCATION OF WATER WELL: Frac			Section Number	Township Numb		
County: Wyandotte n	W1/4 NW 1/4	1/4	35	т -10	s R 25	(E)W
Distance and direction from nearest town or cit		if located within o				
401 E. Donovan Rd.	Kansas Cit	u				
2 WATER WELL OWNER: MAGEIL an			nal			
RR#, St. Address, Box # : 401 F.	Donovan Rd.	.5		Board of Agricu	Iture, Division of Water	r Resources
City, State, ZIP Code : KOOCO : C	Litu VC 1	و کالفاد	_	Application Nur	nber:	
3 LOCATE WELL'S LOCATION WITH 4 DEP	TH OF COMPLETED V	WELL	ft. ELEVA	TION:742.	92	
	s) Groundwater Encou	ntered 1	fr	t. 2	ft. 3	ft.
N WELL'		'EL	ft. below land surface	ce measured on mo/day	//yr	
				after h		
	eid gpm: WATER TO BE USED		τι. vater supply	after h 8 Air conditioning	11 Injection well	gpiii
	Domestic 3 Feedlo	t 6 Oil field	water supply	9 Dewatering	12 Other (Specify be	
W E 2 I	rrigation 4 Industr	rial 7 Domest	ic (lawn & garden)	10 Monitoring well	- Hay	t. [50] [
1 1					Extraction W	ells
SW SE Was a	chemical/bacteriologic	al sample submitt	ed to Department?	Yes; If	yes, mo/day/yrs samp	le was sub-
l mitted			W	/ater Well Disinfected? `	Yes	No
S						
5 TYPE OF BLANK CASING USED:	5 Wrought is	on 8 (	Concrete tile	CASING JOINTS	S: Glued Clamp	oed
Steel 3 RMP (SR)	6 Asbestos-		Other (specify below	,	Welded	
(2)PVC 4 ABS	7 Fiberglass	7		2 /	Threaded .X	
Blank casing diameter	in. to	ft., Dia	in. to	7a <i>Cp</i> ft., Dia		ίπ.
Casing height above land surface		it	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			40
TYPE OF SCREEN OR PERFORATION MATE	:HIAL: 5 Fiberglass	•	7)PVC 8 RMP (SR)	10 Asbesto	os-Cement Specify)	
1 Steel 3 Stainless Steel 2 Brass 4 Galvanized Steel	•		9 ABS		sed (open hole)	
SCREEN OR PERFORATION OPENINGS AR	E.	5 Guazed wra	nned	8 Saw cut	11 None (ope	n hole)
(1) Continuous slot 3 Mill slot	<b>L</b> .	6 Wire wrappe	• •	9 Drilled holes		
2 Louvered shutter 4 Key punc	hed (-	7 Torch cut				
SCREEN-PERFORATED INTERVALS: From	<sub>n</sub> 35.3 6	/") to	.3 ft From	9.6	ft. to 99. (	eft.
Froi	ຠ <sub>.</sub>	ft. to	ft., From	)	ft. to	ft.
Froi GRAVEL PACK INTERVALS: Froi	<sup>n</sup> 34.3	ft. to37	ft., Frorr ft., Frorr	7.6	ft. to30.1.	ft. ft.
Froi GRAVEL PACK INTERVALS: Froi	<sup>n</sup> 34.3	ft. to37	ft., Frorr ft., Frorr	7.6	ft. to30.1.	ft. ft.
Froi GRAVEL PACK INTERVALS: Froi	34.3	ft. to39 ft. to39	ft., From ft., From ft., From	7.6	ft. to30.1. ft. to30.1	ft.
GRAVEL PACK INTERVALS: Froi	m 34.3 n 2 Cement	ft. to3.9 ft. to39	ft., From ft., From ft., From	4 Other	ft. to	ft.
GRAVEL PACK INTERVALS: Froi Froi 6 GROUT MATERIAL: 1 Neat cemen	34.3 n 2 Cement 34.3 ft., Fro	ft. to3.9 ft. to39	Bentonite  ft. to	4 Other	ft. to	ft. ft. ft.
GRAVEL PACK INTERVALS: From From From From Grout Intervals: From From Grout Intervals: From From From From From From From From	1 2 Cement 34.3 ft., From ination:	ft. to3.9 ft. to39	Bentonite  ft. to	4 Other	ft. to	ft. ft. ft.
GRAVEL PACK INTERVALS: From From From From From From Grout Intervals: From From From From From From From From	t 2 Cement 34.3 ft., From the state of the s	grout 3.6	Bentoniteft. to	4 Other	ft. to	
GRAVEL PACK INTERVALS: From From From From From From From From	t 2 Cement 34.3 ft., From the state of the s	grout	Bentonite  10 Lives  11 Fuel  12 Fertil	4 Other	ft. to	
GRAVEL PACK INTERVALS: From From From From From From From From	t 2 Cement 34.3 ft., From the state of the s	grout grout Pit privy  7 Pit privy 3 Sewage lagoon	Bentonite  10 Lives  11 Fuel  12 Fertil	4 Other	ft. to	
GRAVEL PACK INTERVALS: Froi Froi Froi Froi Froi Froi Froi Froi	t 2 Cement 34.3 ft., From the state of the s	grout grout Pit privy  7 Pit privy 3 Sewage lagoon	Bentonite  ft. to  10 Lives  11 Fuel  12 Fertil  13 Insec	4 Other	ft. to	
GRAVEL PACK INTERVALS: Froi Froi Froi Froi Froi Froi Froi Froi	1 2 Cement 34.3 ft., From ination:	grout	Bentonite  ft. to  10 Lives  11 Fuel  12 Fertil  13 Insec	4 Other	ft. to	
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GRAVEL PACK INTERVALS:  Froi Froi Froi Froi Froi Froi Froi Froi	BTIFICATION: This wa	grout	BBentonite  It, From It, From It, From It, From It, From It to It Lives It Fertil It Is Insec How ma It Is Insec How ma It Is Insec How ma It Is Insec It Is Is Insec It Is Is Insec It Is Is It Is Is It Is It Is It Is It Is	4 Other	ft. to	ion and was
GRAVEL PACK INTERVALS: Froi Froi Froi Froi Froi Froi Froi Froi	BTIFICATION: This wa	grout	Bentonite  It, From I	4 Other	ft. to	ion and was
GRAVEL PACK INTERVALS:  Froi Froi Froi Froi Froi Froi Froi Froi	BTIFICATION: This was press firmly and preint	grout group	Bentonite  It, From I	4 Other	ft. to	ion and was elief. Kansas

## **GEOLOGIC LOG** OWNER: Magellan Pipeline Company, LLC LEGGETTE, BRASHEARS & GRAHAM, INC. Well Number: MPE 31 North Kansas City, Missouri PAGE 1\_OF 1\_PAGE(S) AS - 2" sch 40 V-wire SITE LOCATION: Kansas City Terminal SCREEN SIZE & TYPE: MPE - 4" sch 40 machine slot 401 E. Donovan Road AS 38.3 fbg - 35.3 fbg Kansas City, KS 66115 AS - .020 MPE SLOT NO.: MPE - .010 **SETTING:** 29.6 fbg - 9.6 fbg AS - 12/20 DATE COMPLETED: 05/17/04 SAND PACK SIZE & TYPE: MPE - 16/30 MPE DRILLING COMPANY: Boart Longyear SETTING: 38.8 fbg - 34.3 fbg 30.1 fbg - 7.6 fbg AS - 2" sch 40 PVC MPE - 4" sch 40 PVC CASING SIZE & TYPE: MPE AS DRILLING METHOD: Hollow Stem Auger SETTING: 35.3 fbg - +4.7'ag 9.6 fbg - +0.4'ag AS - 1/4" bentonite time release pellets SAMPLING METHOD: SEAL TYPE: MPE - 3/8" Bentonite Chips AS SETTING: 34.3 fbg - 30.1 fbg 7.6 fbg - 2.6 fbg OBSERVER: Susan Sweet REFERENCE POINT (RP) Grade BACKFILL TYPE: ELEVATION OF RP: 742.92 STATIC WATER LEVEL: STICK-UP: AS 4.7' MPE 0.4' 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. 6 10 SAND, fine; olive-brown; dry. Odor. 10 22 SAND, fine; medium gray; dry. Odor. 25 22 SAND, medium, some fine; medium gray; moist. Odor. SAND, medium, little coarse; some organic material; medium gray; saturated. 25 39 Strong odor.

