	ATER WELL RECO	ORD Form WWC	C-5 KSA 82a-	-1212 ID No	. MPE O	7 / //	504	
1 LOCATION OF WATER WELL:	Fraction	2112 101111 11110		ction Number	Township Nu		Range N	umber
County: Wyandott	nu) 1/4	NW 1/4	1/4	35	T - 10	s	R 25	- /
Distance and direction from nearest to								
401 E. Donovan R	ol., Kansa	s City, KS	<b>&gt;</b>					
2 WATER WELL OWNER: Mag	ellan kan	isas Citu	Terminal					
RR#, St. Address, Box # : 401	E. Donovan	Rd.			Board of Ag	riculture, Di	vision of Water	Resources
City, State, ZIP Code : Kenso	as citu. k	5 66115			Application	Number:		
3 LOCATE WELL'S LOCATION WITH		OMPLETED WELL	40.5	ft. ELEVA	TION:7.44	, 8		
AN "X" IN SECTION BOX:	Depth(s) Ground	dwater Encountered	1	ft.	. 2	ft. 3 .		ft.
N	1	WATER LEVEL				, ,		
1 1		np test data: Well w gpm: Well w						
NW NE		O BE USED AS:	5 Public water		8 Air conditioning		ection well	gpiii
	1 Domestic	3 Feedlot	6 Oil field wate	r supply	9 Dewatering	(12)01	ther (Specify be	elow)
W	2 Irrigation	4 Industrial	7 Domestic (la	wn & garden)	10 Monitoring well	771v.	Sparge 1.	soir vafi
l l						2	ytraction	wells
SW SE		/bacteriological samp	ple submitted to					_
	mitted			Wa	ater Well Disinfecte	d? Yes		<u> 10</u>
S								
5 TYPE OF BLANK CASING USED	:	5 Wrought iron	8 Concr			NTS: Glued	I Clamp	ed
1 Steel 3 RMP (S		6 Asbestos-Cemen		(specify below	•		ed	
2PVC 4 ABS		7 Fiberglass			11 =			
Blank casing diameter								
Casing height above land surface		in., weight						<b>1</b>
TYPE OF SCREEN OR PERFORATION 1 Steel 3 Stainles		5 Fiberglass	(7)P\	/C MP (SR)		estos-Ceme	ent	
1 Steel 3 Stainles 2 Brass 4 Galvani		6 Concrete tile	9 AE			e used (ope		•••••••••
SCREEN OR PERFORATION OPENI	NGS ARE:	5 G	uazed wrapped		8 Saw cut	, ,	11 None (oper	n holo)
	Mill slot		/ire wrapped		9 Drilled holes		, ,	
	Key punched	/ · ·	orch cut	(4+)	10 Other (specify	)		ft.
SCREEN-PERFORATED INTERVALS	2-	7.0 ft. to	40.0	ft From	11.5	ft to	31.5	- ft
		ft. to		ft., From		ft. to .		ft.
GRAVEL PACK INTERVALS								
	From	ft. to	•••••	ft., From		ft. to .		tt.
6 GROUT MATERIAL: 1 Nea	at cement	2 Cement grout	(3) Ben	tonite - 4	1 Other			
Grout Intervals: From32.0	~ <b>~</b> }	_		9 -				
	عاد ft. toغالا	2.•. <b>.</b> 0 ft., From	q.5 ft.	to <i>J.•.</i> S	ft., From	· • • • • • • • • • • • • • • • • • • •	ft., to	ft.
What is the nearest source of possible		2.•.O ft., From	4.5 ft.		•		ft. to candoned wate	
				10 Livest	ock pens	14 At		
	e contamination: eral lines	7 Pit pri		10 Livest	ock pens	14 At 15 Oi	andoned wate	r well
1 Septic tank 4 Late	e contamination: eral lines es pool	7 Pit pri	ivy ige lagoon	10 Livest 11 Fuel s 12 Fertiliz	ock pens torage	14 At 15 Oi	oandoned wate il well/Gas well	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces	e contamination: eral lines es pool	7 Pit pri 8 Sewa	ivy ige lagoon	10 Livest 11 Fuel s 12 Fertiliz	ock pens torage zer storage icide storage	14 At 15 Oi	oandoned wate il well/Gas well	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See	e contamination: eral lines es pool	7 Pit pri 8 Sewa 9 Feedy	ivy ige lagoon	10 Livest 11 Fuel s 12 Fertiliz 13 Insect	ock pens storage zer storage sicide storage sy feet?	14 At 15 Oi	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well?	e contamination: eral lines es pool epage pit	7 Pit pri 8 Sewa 9 Feedy	ivy ige lagoon yard	10 Livest 11 Fuel s 12 Fertilii 13 Insect How man	ock pens storage zer storage sicide storage sy feet?	14 At 15 Oi 16 Oi	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well? FROM TO	e contamination: eral lines es pool epage pit  LITHOLOGIC  See CHCC	7 Pit pri 8 Sewa 9 Feedy	ivy ige lagoon yard	10 Livest 11 Fuel s 12 Fertilii 13 Insect How man	ock pens storage zer storage sicide storage sy feet?	14 At 15 Oi 16 Oi	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well? FROM TO	e contamination: eral lines es pool epage pit  LITHOLOGIC	7 Pit pri 8 Sewa 9 Feedy LOG	ivy ige lagoon yard	10 Livest 11 Fuel s 12 Fertilii 13 Insect How man	ock pens storage zer storage sicide storage sy feet?	14 At 15 Oi 16 Oi	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well? FROM TO	e contamination: eral lines es pool epage pit  LITHOLOGIC  See CHCC	7 Pit pri 8 Sewa 9 Feedy LOG	ivy ige lagoon yard	10 Livest 11 Fuel s 12 Fertilii 13 Insect How man	ock pens storage zer storage sicide storage sy feet?	14 At 15 Oi 16 Oi	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well? FROM TO	e contamination: eral lines es pool epage pit  LITHOLOGIC  See CHCC	7 Pit pri 8 Sewa 9 Feedy LOG	ivy ige lagoon yard	10 Livest 11 Fuel s 12 Fertilii 13 Insect How man	ock pens storage zer storage sicide storage sy feet?	14 At 15 Oi 16 Oi	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well? FROM TO	e contamination: eral lines es pool epage pit  LITHOLOGIC  See CHCC	7 Pit pri 8 Sewa 9 Feedy LOG	ivy ige lagoon yard	10 Livest 11 Fuel s 12 Fertilii 13 Insect How man	ock pens storage zer storage sicide storage sy feet?	14 At 15 Oi 16 Oi	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well? FROM TO	e contamination: eral lines es pool epage pit  LITHOLOGIC  See CHCC	7 Pit pri 8 Sewa 9 Feedy LOG	ivy ige lagoon yard	10 Livest 11 Fuel s 12 Fertilii 13 Insect How man	ock pens storage zer storage sicide storage sy feet?	14 At 15 Oi 16 Oi	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well? FROM TO	e contamination: eral lines es pool epage pit  LITHOLOGIC  See CHCC	7 Pit pri 8 Sewa 9 Feedy LOG	ivy ige lagoon yard	10 Livest 11 Fuel s 12 Fertilii 13 Insect How man	ock pens storage zer storage sicide storage sy feet?	14 At 15 Oi 16 Oi	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well? FROM TO	e contamination: eral lines es pool epage pit  LITHOLOGIC  See CHCC	7 Pit pri 8 Sewa 9 Feedy LOG	ivy ige lagoon yard	10 Livest 11 Fuel s 12 Fertilii 13 Insect How man	ock pens storage zer storage sicide storage sy feet?	14 At 15 Oi 16 Oi	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well? FROM TO	e contamination: eral lines es pool epage pit  LITHOLOGIC  See CHCC	7 Pit pri 8 Sewa 9 Feedy LOG	ivy ige lagoon yard	10 Livest 11 Fuel s 12 Fertilii 13 Insect How man	ock pens storage zer storage sicide storage sy feet?	14 At 15 Oi 16 Oi	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well? FROM TO	e contamination: eral lines es pool epage pit  LITHOLOGIC  See CHCC	7 Pit pri 8 Sewa 9 Feedy LOG	ivy ige lagoon yard	10 Livest 11 Fuel s 12 Fertilii 13 Insect How man	ock pens storage zer storage sicide storage sy feet?	14 At 15 Oi 16 Oi	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well? FROM TO	e contamination: eral lines es pool epage pit  LITHOLOGIC  See CHCC	7 Pit pri 8 Sewa 9 Feedy LOG	ivy ige lagoon yard	10 Livest 11 Fuel s 12 Fertilii 13 Insect How man	ock pens storage zer storage sicide storage sy feet?	14 At 15 Oi 16 Oi	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well? FROM TO	e contamination: eral lines es pool epage pit  LITHOLOGIC  See CHCC	7 Pit pri 8 Sewa 9 Feedy LOG	ivy ige lagoon yard	10 Livest 11 Fuel s 12 Fertilii 13 Insect How man	ock pens storage zer storage sicide storage sy feet?	14 At 15 Oi 16 Oi	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well? FROM TO	e contamination: eral lines es pool epage pit  LITHOLOGIC  See CHCC	7 Pit pri 8 Sewa 9 Feedy LOG	ivy ige lagoon yard	10 Livest 11 Fuel s 12 Fertilii 13 Insect How man	ock pens storage zer storage sicide storage sy feet?	14 At 15 Oi 16 Oi	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well?  FROM TO  CONTRACTOR'S OR LANDOWNE	e contamination: eral lines es pool epage pit  LITHOLOGIC See a Hace realogic  ER'S CERTIFICAT	7 Pit pri 8 Sewa 9 Feedy LOG hed	ivy ige lagoon yard  FROM	10 Livest 11 Fuel s 12 Fertiliz 13 Insect How man	ock pens storage zer storage cicide storage sy feet? PLU	14 At 15 Oi 16 Oi GGING INT	pandoned wate il well/Gas well ther (specify be	r well
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well?  FROM TO  CONTRACTOR'S OR LANDOWNE completed on (mo/day/year)	e contamination: eral lines es pool epage pit  LITHOLOGIC See a Hace Peologic  ER'S CERTIFICAT 5/05/04	7 Pit pri 8 Sewa 9 Feedy LOG	FROM  FROM  I was (1) constr	10 Livest 11 Fuel s 12 Fertiliz 13 Insect How man TO	ock pens storage zer storage cicide storage by feet?  PLU  postructed, or (3) pl cord is true to the be	14 At 15 Oi 16 Oi GGING INT	pandoned wate il well/Gas well ther (specify be  FERVALS  er my jurisdiction bywledge and be	r well low)
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well?  FROM TO  (2)  (3)  (4)  (4)  (5)  (6)  (7)  (7)  (8)  (8)  (8)  (9)  (9)  (9)  (9)  (9	e contamination: eral lines es pool epage pit  LITHOLOGIC See a Hace Peologic  ER'S CERTIFICAT 5/05/04	7 Pit pri 8 Sewa 9 Feedy LOG LOG LOG LOG LOG LOG This water wel	FROM FROM I was (1) constructor Well Record	10 Livest 11 Fuel s 12 Fertiliz 13 Insect How man TO	ock pens storage zer storage cicide storage ly feet?  PLU  onstructed, or (3) pl cord is true to the be d on (mo/day/yr)	14 At 15 Oi 16 Oi GGING INT	pandoned wate il well/Gas well ther (specify be  FERVALS  er my jurisdiction bywledge and be	r well low)
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well?  FROM TO  CONTRACTOR'S OR LANDOWNE completed on (mo/day/year)	e contamination: eral lines es pool epage pit  LITHOLOGIC See CHCC See CHCC Seelogic  ER'S CERTIFICAT 5/05/04  (05	7 Pit pri 8 Sewa 9 Feedy  LOG  LOG  LOG  ION: This water wel  This Wa  This Wa	FROM  FROM  I was (1) constructor Well Record	10 Livest 11 Fuel s 12 Fertiliz 13 Insect How man TO  ucted, (2) reco and this rec was complete by (5)	ock pens storage zer storage cicide storage ly feet?  PLU  Proposition of the bear of the	14 At 15 Oi 16 Oi	pandoned wate il well/Gas well ther (specify be FERVALS  er my jurisdiction by ledge and be an a	r well  low)  on and was lief. Kansas
1 Septic tank 4 Late 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See Direction from well?  FROM TO  (2)  (3)  (4)  (4)  (5)  (6)  (7)  (7)  (8)  (8)  (8)  (9)  (9)  (9)  (9)  (9	ER'S CERTIFICAT  Solution PLEASE PRESS FIRE	7 Pit pri 8 Sewa 9 Feedy  LOG  LOG  LOG  Nec  ION: This water wel  This Water  BMLY and PRINT clear Pri  RMLY and PRINT cl	FROM  FROM  I was (1) constructor Well Record  O(Y/S) O  lease fill in blanks, un	10 Livest 11 Fuel s 12 Fertiliz 13 Insect How man TO  ucted, (2) reco	ock pens storage zer storage cicide storage ly feet?  PLU  Instructed, or (3) pl cord is true to the be d on (mo/day/yr) signature)  correct answers. Send to	ugged underst of my known in three copies to	pandoned wate il well/Gas well ther (specify be specify by specify	r well  slow)  on and was lief. Kansas

. GEOLOGIC LOG  LEGGETTE, BRASHEARS & GRAHAM, INC.  North Kansas City, Missouri					OWNER: Magellan Pipeline Company, LLC					
					···	Well Number: MPE 04 AS 04 PAGE _1_ OF _1_ PAGE(S)				
SITE LOCA	ATION:	Kansas City 401 E. Don Kansas City				SCREEN SIZI	E & TYPE: AS020	AS - 2" sch 40 MPE - 4" sch 4		
				^	ET	SLOT NO.:	MPE010	SETTING:	31.5 fbg - 11.5 fbg	
DATE COMPLETED: 05/05/04 DRAFT					11.	AS - 12/20 SAND PACK SIZE & TYPE: MPE - 16/30 AS MPE				
DRILLING COMPANY: Boart Longyear					SETTING:		32.0 fbg - 9.5 fbg			
						AS - 2" sch 40 PVC  CASING SIZE & TYPE: MPE - 4" sch 40 PVC				
DRILLING METHOD: Hollow Stem Auger				SETTING:	AS 37.0 fbg - 0	MPE 11.5 fbg - 0				
SAMPLING METHOD:				AS - 1/4" bentonite time release pellets  SEAL TYPE: MPE - 3/8" Bentonite Chips  AS MPE						
OBSERVE	R:	Susan Swee	et			SETTING:	36.0 fbg - 32.0 fbg			
REFERENC	CE POINT (	RP)	Grade			BACKFILL TYPE:				
ELEVATIO	ON OF RP:	744.8				STATIC WAT	ER LEVEL:	26.1		
STICK-UP:	AS - grade	MPE - grade				DEVELOPME	NT METHOD:			
SURFACE COMPLETION: REMARKS:						DURATION:		YIELD:		
ABBREVIAT	TIONS: REC=RECOV	MC=MACRO	O CORE W=WA		C=CUTTII	NGS G=GF	RAB ST=SI FBG=FEET BELC	HELBY TUBE DW GRADE		
DEPTI FROM	H (Feet)	SAMPLE TYPE	RECOVERED (Feet)	i .	READING (ppm)	DESCRIPTION				
0	6					Open bore hole.				
6	8					CLAY.				
8	9				,		ium brown; dry. No o	dor.	- :	
9	10						e clay; gray; dry. Odo			
10	11					CLAY; some sand	l, very fine; blue-gray	; soft. Strong odor		
11	18					SAND, fine; and silt; medium gray; dry. Strong odor.				
18	20					SAND, fine; little clay; olive-gray; dry. Strong odor.				
20	28					SAND, fine; medium gray; wet. Strong odor.				
28	35						dium; medium gray;	,	dor.	
35	40.5						nedium; medium gray			
							10.000			
						·				

