*)					orm WWC-5	KSA 82			
1 LOCATION		ER WELL;	Fraction	SW1/4		ion Number	10		Range Number
County: Jo			SE <sub>1/4</sub>		W 1/4	6	т 12	S	R 24 E
Distance and	direction 1	rom nearest to	wn or city street a	address of well if located	within city?		D	1 -5 7	
		,						1 of 2	
2 WATER V	WELL OW	NER: Deffe	enbaugh Ind	ustries, Inc.			Doepke-	Hollida	y MW-#5
RR#, St. Add	dress, Box	# : 18183	l West 53rd	Street			Board of Agri	culture, Divi	sion of Water Resources
City, State, Z	ZIP Code	: Shaw	nee, Kansas	66217			Application N	umber:	NA
				OMPLETED WELL	36	ft FLEV	ATION: 965	.3/	4.5.2.
→ AN "X" IN	SECTION	BOX:	Depth(s) Ground	water Encountered 1	23.5	<u></u>	2	# 3	msl.
÷ —	1 N			WATER LEVEL					
t l	i 1	_	I .						
	NW	- NE		p test data: Well water					-
1	1	1		gpm: Well water					
* w   - '	XI I	[	I .	eter . 55 / 8in. to		-			
<u>₹</u> "	! !	!   "	WELL WATER		Public water		8 Air conditioning	•	ction well
ī L_	. sw l		1 Domestic				9 Dewatering		er (Specify below)
	· · · · · · · · · · · · · · · · · · ·	;	2 Irrigation		_		10 Observation well		
l L	i - [	i i j	Was a chemical/	bacteriological sample su	bmitted to De	partment? \	/esNo	; If yes, mo	/day/yr sample was sub-
T —	S		mitted			W	ater Well Disinfected?	Yes	No
5 TYPE OF	BLANK C	ASING USED:		5 Wrought iron	8 Concret	te tile	CASING JOINT	S: Glued	Clamped
1 Steel		3 RMP (S	R)		9 Other (	specify belo	ow)	Welded.	
2 PVC		4 ABS	•		•			Threaded	<b>:</b>
			in to 21	ft., Dia					
				in., weight 07					
		PERFORATIO		.iii., weigitt	7 PVC				
				e e:				tos-cement	
1 Steel		3 Stainles		5 Fiberglass		P (SR)			
2 Brass	_		zed steel		9 ABS	j		used (open	· · ·
		ATION OPENIN			wrapped		8 Saw cut	וו	None (open hole)
	inuous slot			) inches 6 Wire w					
2 Louve	ered shutte	r 4K	ey punched	7 Torch o					
	DEADATE							# +0	ft f
SCREEN-PE	HFUHATE	D INTERVALS:		, 36 ft. to					
SCREEN-PE	HFUHATE	D INTERVALS:	From	ft. to		ft., Fro	om	ft. to	
	-	D INTERVALS: K INTERVALS:	From	ft. to		ft., Fro	om	ft. to	
GR/	AVEL PAC		From	ft. to36 ft. to 20 ft. to	20	ft., Fro	om	ft. to ft. to	
GR/	AVEL PAC	K INTERVALS: e sand	From	ft. to36 ft. to 20 ft. to	20	ft., Fro	om	ft. to ft. to	
GR/	AVEL PAC v. fin	K INTERVALS: e sand 1 Neat	From From cement		20 17.5 3 Benton	ft., Fro ft., Fro ft., Fro	om om Other 1/4" ben	tonite	.ft. ft. pellets
GR/ 6 GROUT M Grout Interval	AVEL PAC v. fin MATERIAL:	K INTERVALS: e sand 1 Neat	From From cement	ft. to36 ft. to 20 ft. to	20 17.5 3 Benton	ft., Fro ft., Fro ft., Fro	om om Other 1/4" ben	ft. to ft. to ft. to tonite	.ft. ft. pellets
GR/ 6 GROUT M Grout Interval	V. fin MATERIAL: his: From hearest sou	ik INTERVALS: e sand  1 Neat /5	From From cement .ft. to . /. 7. \$		20 17.5 3 Benton	ft., Fro ft., Fro ft., Fro o 6 10 Live	om Other 1/4" ben	ft. to ft. to ft. to tonite  14 Aban	
GR/GROUT M Grout Interval What is the n 1 Septic	AVEL PAC v. fin MATERIAL: als: From mearest sou c tank	1 Neat of possible 4 Later	From From cement .ft. to . / 7. S contamination: ral lines		20 17.5 3 Benton	ft., Fro ft., Fro ft., Fro 10 Live 11 Fuel	Office of the control	ft. to ft. to ft. to tonite  14 Aban 15 Oil w	ft. ft. ft. pellets  ft. to ft. ft. doned water well
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe	AVEL PAC v. fin MATERIAL: lds: From nearest sou c tank er lines	1 Neat of possible 4 Later 5 Cess	From From cement .ft. to . / 7. < contamination: ral lines s pool	ft. to	20 17.5 3 Benton	10 Lives	Other 1/4" ben Other 1/4" ben Stock pens storage	ft. to ft. to ft. to tonite  14 Aban 15 Oil w	ft.
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water	AVEL PAC v. fin MATERIAL: als: From nearest sou to tank or lines ortight sewe	I Neat of Possible 4 Later 5 Cess or lines 6 Seep	From From cement .ft. to ./.7. <a href="#"></a>		20 17.5 3 Benton	10 Liver 12 Ferti 13 Inse	Other 1/4" ben Other 1/4" ben Stock pens storage clizer storage cticide storage	ft. to ft. to ft. to ttonite  14 Aban 15 Oil w 16 Othe	ft. ft. ft. ft. ft. pellets ft. to ft. ft. doned water well ell/Gas well r (specify below)
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from	AVEL PAC v. fin MATERIAL: lis: From nearest sou ic tank er lines ortight sewe m well? n	1 Neat of possible 4 Later 5 Cess	From From  cement .ft. to .//. < contamination: ral lines s pool page pit south	ft. to	20 17.5 3 Benton	ft., From the first fit., From the f	Other 1/4" ben Other 1/4" ben Stock pens storage dilizer storage cticide storage any feet? N = 100	ft. to ft. to ft. to tt. to 14 Aban 15 Oil w 16 Other	ft.  ft.  ft.  pellets  ft. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from	AVEL PAC v. fin MATERIAL: lls: From nearest sou ic tank er lines ortight sewe m well? n	irce of possible 4 Later 5 Cess or lines 6 Seep	From From  cement .ft. to ./.7. < contamination: ral lines s pool page pit south LITHOLOGIC	ft. to	20 17.5 3 Benton	10 Liver 12 Ferti 13 Inse	Other 1/4" ben Other 1/4" ben Stock pens storage dizer storage cticide storage any feet? N = 100	ft. to ft. to ft. to ttonite  14 Aban 15 Oil w 16 Othe	ft.  ft.  ft.  pellets  ft. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from	AVEL PAC v. fin MATERIAL: lis: From nearest sou ic tank er lines ortight sewe m well? n	I Neat of possible 4 Later 5 Cess or lines 6 Seep corth and clay, dk.	From From  cement .ft. to ./.7 contamination: ral lines s pool page pit south LITHOLOGIC br., weathe	ft. to  36 ft. to  20 ft. to  2 Cement grout  7 Pit privy 8 Sewage lagoo 9 Feedyard  LOG  ered shale, dry	20 17.5 3 Benton ft. to	10 Liver 11 Fuel 12 Ferti 13 Insee How ma	Other 1/4" ben Other	14 Aban 15 Oil w 16 Othe 1 ft.  THOLOGIC	ft.  ft.  pellets  ft. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from	AVEL PAC v. fin MATERIAL: lis: From nearest sou ic tank er lines ertight sewe m well? n TO 2.5	I Neat of possible 4 Later 5 Cess or lines 6 Seep corth and clay, dk. to moist	From From  cement .ft. to ./.7 contamination: ral lines s pool page pit south LITHOLOGIC br., weathe	ft. to	20 17.5 3 Benton	ft., From the first fit., From the f	Other 1/4" ben other	14 Aban 15 Oil w 16 Other 1 an 1 ft.  THOLOGIC	t. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from	AVEL PAC v. fin MATERIAL: als: From nearest sou c tank er lines ortight sewe m well? n TO 2.5	I Neat of possible 4 Later 5 Cess or lines 6 Seep orth and clay, dk. to moist clay, com	From From  cement .ft. to ./7. < contamination: ral lines s pool bage pit south LITHOLOGIC br., weathe (Vilas sh.ft pact, redd;	ft. to	20 17.5 3 Benton ft. to	10 Liver 11 Fuel 12 Ferti 13 Insee How ma	Other 1/4" ben other	14 Aban 15 Oil w 16 Other 17 HOLOGIC 18 ssil -	t. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0 0 0 2.5	AVEL PAC v. fin MATERIAL: als: From nearest sou ic tank er lines ritight sewe m well? TO 2.5	I Neat  I Neat  I Neat  I S  I S  I S  I S  I S  I S  I S  I	From. From  cement ft. to ./7. < contamination: ral lines s pool page pit south LITHOLOGIC br., weathe (Vilas sh.f. pact, redd; shale, dry	ft. to	20 17.5 3 Benton ft. to	10 Liver 11 Fuel 12 Ferti 13 Insee How ma	Other 1/4" ben  stock pens  storage  clicker storage  chicker storage  any feet? N = 100  Lin  Hill 1s.mb.)  shale, non-fi  lost air circ  drilling tool	14 Aban 15 Oil w 16 Other 17 HOLOGIC 18 dropp	t. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0 0 0 2.5	AVEL PAC v. fin MATERIAL: als: From nearest sou c tank er lines ortight sewe m well? n TO 2.5	INTERVALS: e sand  1 Neat Later 5 Cess or lines 6 Seep orth and  clay, dk. to moist clay, com weathered shales an	From. From  cement ft. to ./7. < contamination: ral lines s pool page pit south LITHOLOGIC br., weathe (Vilas sh.f. pact, redd; shale, dry d sandstone	tt. to	20 17.5 3 Benton ft. to	10 Liver 11 Fuel 12 Ferti 13 Insee How ma	om.  Other 1/4" ben  om.  Other 1/4" ben  other 1/4" ben  other 1/4" ben  other 1/4" ben  stock pens  storage  dizer storage cticide storage  any feet? N = 100  Lin  Hill 1s.mb.)  shale, non-fi  lost air circ  drilling tool  rate for about	14 Aban 15 Oil w 16 Other 17 HOLOGIC 18 dropp 11 1.5 f	ft.  ft.  ft.  pellets  ft. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0 0 0 2.5	AVEL PAC v. fin MATERIAL: als: From nearest sou ic tank er lines ritight sewe m well? TO 2.5	INTERVALS: e sand  1 Neat  1 Neat  1 S  Irce of possible 4 Later 5 Cess In lines 6 Seep Orth and  Clay, dk. to moist clay, com weathered shales an grained p	From. From  cement .ft. to ./7. < contamination: ral lines s pool page pit south LITHOLOGIC br., weathe (Vilas sh.f) pact, redd; shale, dry d sandstone coorly cemen	t to  36	20 17.5 3 Benton ft. to	10 Liver 11 Fuel 12 Ferti 13 Insee How ma	Other 1/4" ben  Other 1/4" ben  om  Other 1/4" ben  on  It., From  stock pens storage  clicide storage chicide storage  any feet? N = 100  Lin  Hill 1s.mb.)  shale, non-fi  lost air circ  drilling tool  rate for about  or very soft	14 Aban 15 Oil w 16 Other 17 HOLOGIC  ssil - culation s dropp t 1.5 f formati	ft.  ft.  ft.  pellets  ft. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0 0 0 2.5	AVEL PAC v. fin MATERIAL: als: From nearest sou ic tank er lines ritight sewe m well? TO 2.5	INTERVALS: e sand  1 Neat  1 Neat  1 S  Irce of possible 4 Later 5 Cess or lines 6 Seep orth and  clay, dk. to moist clay, com weathered shales an grained p varied co	From. From  cement .ft. to ./.7. < contamination: rai lines s pool bage pit south LITHOLOGIC br., weather (Vilas sh.f.) pact, redd; shale, dry d sandstone oorly cement lored sands	t. to	20 17.5 3 Benton ft. to	10 Live 11 Fuel 12 Ferti 13 Inse How ma TO	Other 1/4" ben on the first process of the control	14 Aban 15 Oil w 16 Other 17 THOLOGIC  ssil — ulation s dropp t 1.5 f formati	t. ft.  ft.  pellets  ft. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0 0 0 2.5	AVEL PAC v. fin MATERIAL: als: From nearest sou ic tank er lines ritight sewe m well? TO 2.5	INTERVALS: e sand  1 Neat  1 Neat  1 S  Irce of possible 4 Later 5 Cess or lines 6 Seep orth and  clay, dk. to moist clay, com weathered shales an grained p varied co	From. From  cement .ft. to ./.7. < contamination: rai lines s pool bage pit south LITHOLOGIC br., weather (Vilas sh.f.) pact, redd; shale, dry d sandstone oorly cement lored sands	t. to  36	20 17.5 3 Benton ft. to	10 Liver 11 Fuel 12 Ferti 13 Insee How ma	Other 1/4" ben on the first air circ drilling tool rate for about or very soft (Hickory Cree shale, dk,br.	14 Aban 15 Oil w 16 Other 1an 15 ft. THOLOGIC  ssil - culation s dropp t 1.5 f formatick sh.mb	t. ft.  pellets  ft. to ft.  doned water well  ell/Gas well  (specify below)  dfill  S = 30 ft.  LOG  wet dk. brown temporarily - ed at a rapid eet (cavity on). Water  o saturated
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0 0 0 2.5	AVEL PAC v. fin MATERIAL: als: From nearest sou ic tank er lines ritight sewe m well? TO 2.5	INTERVALS: e sand  1 Neat S. Irce of possible 4 Later 5 Cess or lines 6 Seep orth and  clay, dk. to moist clay, com weathered shales an grained p varied co with lens	From. From  cement .ft. to ./.7. < contamination: ral lines s pool page pit south LITHOLOGIC br., weather (Vilas sh.ft) pact, redd; shale, dry d sandstone corly cement lored sands es of shale	t. to	20 17.5 3 Benton ft. to	10 Live 11 Fuel 12 Ferti 13 Inse How ma TO	Other 1/4" ben on the first process of the control	14 Aban 15 Oil w 16 Other 1an 15 ft. THOLOGIC  ssil - culation s dropp t 1.5 f formatick sh.mb	t. ft.  pellets  ft. to ft.  doned water well  ell/Gas well  (specify below)  dfill  S = 30 ft.  LOG  wet dk. brown temporarily - ed at a rapid eet (cavity on). Water  o saturated
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0 0 0 2.5	AVEL PAC v. fin MATERIAL: als: From nearest sou ic tank er lines ritight sewe m well? TO 2.5	INTERVALS: e sand 1 Neat 1 Neat 5 S. Irce of possible 4 Later 5 Cess or lines 6 Seep orth and clay, dk. to moist clay, com weathered shales an grained p varied co with lens from ligh	From. From  From  cement  .ft. to ./.7. <  contamination: ral lines s pool page pit south LITHOLOGIC br., weathe (Vilas sh.ft pact, redd; shale, dry d sandstone corly cement lored sands es of shale at gray to o	7 Pit privy 8 Sewage lagoo 9 Feedyard  LOG ered shale, dry m.) ish brown, 7 (Vilas sh.fm.) es, very fine nted to cemented stone - dry e varied colored	20 17.5 3 Benton ft. to	10 Live 11 Fuel 12 Ferti 13 Inse How ma TO	Other 1/4" bender	14 Aban 15 Oil w 16 Other 1an 15 ft. THOLOGIC 1.5 ff formatick sh.mb 1, wet tek sh.mb	t. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0 0 0 2.5	AVEL PAC v. fin MATERIAL: als: From nearest sou ic tank er lines ritight sewe m well? TO 2.5	INTERVALS: e sand  1 Neat Later 5 Cess or lines 6 Seep orth and  clay, dk. to moist clay, com weathered shales an grained p varied co with lens from ligh greenish	From. From  Cement  ft. to ./7. S  contamination: ral lines s pool page pit south LITHOLOGIC br., weather (Vilas sh.f. pact, redd; shale, dry d sandstone coorly cement lored sands es of shale t gray to c gray dry (Y	t to  20 ft to  20 ft to  2 Cement grout  7 Pit privy  8 Sewage lagoo  9 Feedyard  LOG  ered shale, dry  m.)  ish brown,  y (Vilas sh.fm.)  es, very fine  nted to cemented  stone - dry  e varied colored  Vilas sh.fm.)	20 17.5 3 Benton ft. to	10 Live 11 Fuel 12 Ferti 13 Inse How ma TO	Other 1/4" bender	14 Aban 15 Oil w 16 Other 1an 15 ft. THOLOGIC 1.5 ff formatick sh.mb 1, wet tek sh.mb	t. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0 0 0 2.5	AVEL PAC v, fin MATERIAL: als: From nearest sou ic tank er lines ertight sewe m well? TO 2.5 4.0	INTERVALS: e sand  1 Neat  1 Neat  1 Scale  1 Later  5 Cess  1 lines 6 Seep  1 conth and  1 clay, dk.  1 to moist  1 clay, com  1 weathered  2 shales an  2 grained p  2 varied co  2 with lens  3 from ligh  3 greenish  1 imestone	From. From  From  cement  ft. to ./7. <  contamination: ral lines s pool page pit south LITHOLOGIC br., weather (Vilas sh.f. pact, redd; shale, dry d sandstone coorly cement lored sands tes of shale gray dry (Yell)	7 Pit privy 8 Sewage lagoo 9 Feedyard  LOG ered shale, dry m.) ish brown, 7 (Vilas sh.fm.) es, very fine nted to cemented stone - dry e varied colored olive green, to Vilas sh.fm.) own to light	20 17.5 3 Benton ft. to	10 Live 11 Fuel 12 Ferti 13 Inse How ma TO	Other 1/4" bender	14 Aban 15 Oil w 16 Other 1an 15 ft. THOLOGIC 1.5 ff formatick sh.mb 1, wet tek sh.mb	t. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0 0 0 2.5	AVEL PAC v, fin MATERIAL: als: From nearest sou ic tank er lines ertight sewe m well? TO 2.5 4.0	INTERVALS: e sand  1 Neat 5 S  Irce of possible 4 Later 5 Cess r lines 6 Seep orth and  clay, dk. to moist clay, com weathered shales an grained p varied co with lens from ligh greenish limestone gray, har	From. From  Cement  ft. to /// S  contamination: ral lines s pool page pit south LITHOLOGIC br., weather (Vilas sh.f. shale, dry d sandstone coorly cement lored sands es of shale st gray to co gray dry (Note of the coort, and the c	to to 20 ft. ft., From 1.7.  7 Pit privy 8 Sewage lagoon 9 Feedyard  LOG  2 red shale, dry 5 ft.  (Vilas sh.fm.)  2 cs, very fine 1 ft.  3 telestone - dry  2 varied colored 5 tone - dry  2 varied colored 5 tone - dry  3 varied colored 5 tone 5 tone - dry  4 varied colored 5 tone 5 tone 1 ft.  5 tone 1 ft. to 10 ft.  6 tone 1 ft. to 10 ft.	20 17.5 3 Benton 5 ft. to	10 Live 11 Fuel 12 Ferti 13 Inse How ma TO 25.5	Other 1/4" ben of the first process of the first pr	14 Aban 15 Oil w 16 Other 18 dropp 1 1.5 f formatick sh.mb 1 fine 1 to	t. ft. ft. ft. ft. ft. ft. ft. ft. ft. f
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0 0 0 2.5	AVEL PAC v, fin MATERIAL: als: From nearest sou ic tank er lines ertight sewe m well? TO 2.5 4.0	INTERVALS: e sand  1 Neat  1 Neat  4 Later  5 Cess  r lines 6 Seep  orth and  clay, dk. to moist clay, com weathered shales an grained p varied co with lens from ligh greenish limestone gray, har crystalli	From. From  Cement  It to // >  Contamination: rai lines spool bage pit south LITHOLOGIC br., weather (Vilas sh.f.) pact, redd; shale, dry d sandstone corly cement lored sands es of shale st gray to contamination: rai lines corly cement co	7 Pit privy 8 Sewage lagoo 9 Feedyard  LOG ered shale, dry m.) ish brown, 7 (Vilas sh.fm.) es, very fine nted to cemented stone - dry e varied colored olive green, to Vilas sh.fm.) own to light fine grained imerous one	20 17.5 3 Benton ft. to	10 Live 11 Fuel 12 Ferti 13 Inse How ma TO	Other 1/4" ben on the first per storage chicked storage chicke	14 Aban 15 Oil w 16 Other 16 O	t. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0 0 0 2.5	AVEL PAC v, fin MATERIAL: als: From nearest sou ic tank er lines ertight sewe m well? TO 2.5 4.0	INTERVALS: e sand  1 Neat  5 S  Irce of possible 4 Later 5 Cess or lines 6 Seep orth and  clay, dk, to moist clay, com weathered shales an grained p varied co with lens from ligh greenish limestone gray, har crystalli inch to s	From From Cement  If to // / S contamination: ral lines s pool page pit south LITHOLOGIC br., weather (Vilas sh.f.) pact, reddi shale, dry d sandstone oorly cement lored sands es of shale t gray to co gray dry (Vilas sh.f.) gray dry (Vilas sh.f.) t gray to co gray dry (Vilas sh.f.)	7 Pit privy 8 Sewage lagoo 9 Feedyard  LOG ered shale, dry m.) ish brown, 7 (Vilas sh.fm.) es, very fine nted to cemented stone - dry e varied colored olive green, to Vilas sh.fm.) own to light fine grained imerous one ick reddish	20 17.5 3 Benton 5 ft. to	10 Live 11 Fuel 12 Ferti 13 Inse How ma TO 25.5	Other 1/4" ben on the first process of the first pr	14 Aban 15 Oil w 16 Other 16 O	t. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0.0 2.5 4.0 1 14.5 2	AVEL PAC v. fin MATERIAL: als: From nearest sout to tank er lines ortight sewer m well? n TO 2.5 4.0 14.5	INTERVALS: e sand  1 Neat  1 Neat  1 S.  Irce of possible 4 Later 5 Cess or lines 6 Seep orth and  clay, dk. to moist clay, com weathered shales an grained p varied co with lens from ligh greenish limestone gray, har crystalli inch to s br. shale	From. From  From  cement  .ft. to ./.7. S  contamination: ral lines s pool page pit south LITHOLOGIC br., weather (Vilas sh.ft shale, dry d sandstone corly cement lored sands es of shale at gray to contamination: ral lines such LITHOLOGIC br., weather (Vilas sh.ft shale, dry d sandstone corly cement lored sands es of shale at gray to contamination gray dry (Vilas) shale at gray to contamination shale shale at gray to contamination shale shale shale at gray to contamination shale s	7 Pit privy 8 Sewage lagoo 9 Feedyard  LOG ered shale, dry m.) ish brown, 7 (Vilas sh.fm.) es, very fine nted to cemented stone - dry e varied colored olive green, to Vilas sh.fm.) bown to light fine grained imerous one ick reddish dry (Spring	20 17.5 3 Benton 5 ft. to 70 23.5 25.5 26.5	10 Live 11 Fuel 12 Ferti 13 Inse How ma TO 25.5	Other 1/4" bender	14 Aban 15 Oil w 16 Other 18 Aban 15 Oil w 16 Other 1 an 15 FT. 16 Other 1 an 16 Other 1 an 17 Aban 18 Aban 19	t. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0.0 2.5 4.0 1 14.5 7 CONTRAC	AVEL PAC v. fin MATERIAL: als: From nearest sou ic tank er lines witight sewe m well? n TO 2.5 4.0 14.5	INTERVALS: e sand  1 Neat  1 Neat  1 Later  5 Cess or lines 6 Seep orth and  clay, dk. to moist clay, com weathered shales an grained p varied co with lens from ligh greenish limestone gray, har crystalli inch to s br. shale R LANDOWNER	From. From  Cement  .ft. to ./.7. S  contamination: ral lines s pool page pit south LITHOLOGIC br., weather (Vilas sh.ft) pact, reddingshale, dry d sandstone corly cement lored sands es of shale at gray to contamination: ral lines corly cement lored sands es of shale at gray to contamination: ral light brown contamination: ral light contamination: ral lines contami	7 Pit privy 8 Sewage lagoo 9 Feedyard  LOG ered shale, dry m.) ish brown, 7 (Vilas sh.fm.) es, very fine nted to cemented stone - dry e varied colored olive green, to Vilas sh.fm.) own to light fine grained merous one ick reddish dry (Spring ION: This water well was	20 17.5 3 Benton 5 ft. to	10 Live 11 Fuel 12 Ferti 13 Inse How ma TO 25.5	Other 1/4" bender of the property of the prope	14 Aban 15 Oil w 16 Other 18 Aban 18 Aban 19 Aba	t. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0 0 0 2.5 4.0 1	AVEL PAC v. fin MATERIAL: als: From nearest sou ic tank er lines artight sewe m well? n TO 2.5 4.0 14.5	INTERVALS: e sand  1 Neat  1 Neat  1 Later  5 Cess or lines 6 Seep orth and  clay, dk. to moist clay, com weathered shales an grained p varied co with lens from ligh greenish limestone gray, har crystalli inch to s br. shale R LANDOWNER ear). Janu	From. From  Cement  ft. to /// S  contamination: ral lines s pool page pit south LITHOLOGIC br., weather (Vilas sh.f. pact, redding shale, dry d sandstone coorly cement lored sands es of shale st gray to contamination: ral lines s pool page pit south LITHOLOGIC br., weather (Vilas sh.f. pact, redding shale, dry d sandstone coorly cement lored sands es of shale st gray to contaminate by red to soft, red to	to 120 ft. ft., From 17. ft., From 17	20 17.5 3 Benton 5 ft. to 23.5 25.5 26.5	10 Live 11 Fuel 12 Ferti 13 Inse How ma TO 25.5	Other 1/4" ben on the first air circ drilling tool rate for about or very soft (Hickory Cree shale, dk.br. (Hickory Cree 1s. light gr. crystalline, 1s.mb.)  1s., light br to soft with partings—dry onstructed, or (3) plug or dis true to the best of the composition of the composit	14 Aban 15 Oil w 16 Other 18 Aban 15 Oil w 16 Other 18 Aban 16 Other 18 Aban 17 Aban 18 Aban 18 Aban 19 Aban 1	t. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0+0 2.5 4.0 1 14.5 2 7 CONTRAC completed on Water Well Co	AVEL PAC v. fin MATERIAL: als: From nearest south to tank or lines witight sewer m well? n TO 2.5 4.0 14.5  CTOR'S On (mo/day/y contractor's	INTERVALS: e sand  1 Neat  1 Neat  1 Later  5 Cess or lines 6 Seep orth and  clay, dk. to moist clay, com weathered shales an grained p varied co with lens from ligh greenish limestone gray, har crystalli inch to s br. shale R LANDOWNER ear) Janu License No.	From. From  Cement  ft. to /// S  contamination: ral lines s pool page pit south LITHOLOGIC br., weather (Vilas sh.f. pact, reddingshale, dry d sandstone coorly cement lored sands es of shale st gray to contamination: ral lines s pool page pit south LITHOLOGIC br., weather (Vilas sh.f. pact, reddingshale, dry d sandstone coorly cement lored sands es of shale st gray to contaminate of soft, ne, with ne six inch the partings of R'S CERTIFICATI lary 14, 198 483	ft. to  36 ft. to  20 ft. to  2 Cement grout  7 Pit privy  8 Sewage lagoo  9 Feedyard  LOG  2 red shale, dry  5 h brown,  7 (Vilas sh.fm.)  2 ex yery fine  1 ted to cemented  3 tone - dry  4 varied colored  5 plive green, to  7 vilas sh.fm.)  8 pown to light  1 fine grained  1 merous one  1 ick reddish  1 iry (Spring  1 ion:  1 ion:  1 ion:  1 ion:  1 ion:  2 ion:  3 ion:  4 ion:  4 ion:  5 ion:  6 ion:  6 ion:  7 ion:  8 ion:  1 ion:  8 ion:  8 ion:  1 ion:  2 ion:  2 ion:  3 ion:  3 ion:  4 ion:  4 ion:  4 ion:  5 ion:  5 ion:  6 ion:  6 ion:  6 ion:  6 ion:  6 ion:  7 ion:  8 ion:  8 ion:  1 ion:  2 ion:  3 ion:  3 ion:  4 ion:  4 ion:  4 ion:  5 ion:  5 ion:  6 ion:  6 ion:  6 ion:  6 ion:  7 ion:  7 ion:  7 ion:  8 ion:  7 ion:  8 ion:  8 ion:  1 ion:  2 ion:  2 ion:  2 ion:  3 ion:  4 ion:  4 ion:  4 ion:  5 ion:  5 ion:  6 ion:  6 ion:  6 ion:  7 ion:  7 ion:  8 ion:  8 ion:  1 ion:  2 ion:  2 ion:  2 ion:  3 ion:  4 ion:  4 ion:  4 ion:  5 ion:  5 ion:  6 ion:  6 ion:  7 ion:  8 ion:  8 ion:  1 ion:	20 17.5 3 Benton FROM 23.5 25.5 26.5 28.0	10 Live 11 Fuel 12 Ferti 13 Inse How ma TO 25.5	Other 1/4" ben on the first partings driver on the first partings driver on (mo/day/yr)  Other 1/4" ben on the first partings driver on (mo/day/yr)  Other 1/4" ben on the first partings driver on the form of the first partings driver on (mo/day/yr)  Other 1/4" ben on the first partings driver on the form of the first partings driver on the first parting driver of the first parting driver on the first partin	14 Aban 15 Oil w 16 Other 16 or one 16 or one 18 sh.mb 19 wet to the sh.mb 1	t. to
GR/GROUT M Grout Interval What is the n 1 Septic 2 Sewe 3 Water Direction from FROM 0+0 2.5 4.0 1 14.5 2 7 CONTRAC completed on Water Well Counder the bus	AVEL PAC v. fin MATERIAL: als: From nearest south to tank er lines witight sewer m well? n TO 2.5 4.0 14.5  CTOR'S O n (mo/day/y) contractor's siness nam	INTERVALS: e sand  1 Neat  1 Scale  1 Later  5 Cess  r lines 6 Seep  orth and  clay, dk. to moist clay, com weathered shales an grained p varied co with lens from ligh greenish limestone gray, har crystalli inch to s br. shale R LANDOWNER ear) Janu License No. le of Total	From. From Cement  ft. to /// S contamination: rai lines s pool page pit south LITHOLOGIC br., weather (Vilas sh.f. pact, redd; shale, dry d sandstone coorly cement lored sands es of shale st gray to co gray dry (Vilas sh.f. partings of shale st gray to co gray dry (Vilas sh.f. shale st gray to co gray dry (Vilas sh.f. shale st gray to co gray dry (Vilas sh.f. shale st gray to co gray dry (Vilas sh.f. shale shale shale st gray to co gray dry (Vilas sh.f. shale shale shale st gray to co gray dry (Vilas sh.f. shale sha	to 120 ft. ft., From 17. ft., From 17	20 17.5 3 Benton FROM 23.5 25.5 26.5 28.0	10 Live 11 Fuel 12 Ferti 13 Inse How ma TO 25.5	Other 1/4" ben on the first partings dry on true to the best on (mo/day/yr) on true to the best on true true true true true true true true	14 Aban 15 Oil w 16 Other 15 Oil w 16 Other 16 Other 17 Oil w 18 Oropp 11 1.5 f 18 ormati 18 or mati 18 or mati 18 or mati 18 or mati 19 or mat	t. to

records.

•	* /\ \		WATER	WELL RECORD	Form WWC-5	KSA 82a-	1212		
3	ON OF WA Johnso	FER WELL:	Fraction			tion Number	Township N	lumber 12 s	Range Number
County: Distance a	and direction	from nearest town	SE 1/4 or city street add	SW 1/4 lress of well if locate	NW 1/4   d within city?				
1								Page 2 c	
_		NER: Deffenb	_				-		iday - MW-#5
		×#: 18181 W						•	Division of Water Resources
City, State	, ZIP Code	: Shawnee	, Kansas b	621/	26			n Number:	
AN "X"	E WELL'S L IN SECTION	OCATION WITH 4 DE	DEPTH OF CO opth(s) Groundwa	MPLETED WELL		ft. ELEVAT	rion: . <b>76</b>	ft. 3	
ī [	ı	l w	ELL'S STATIC V	VATER LEVEL	ft. b	elow land surf	ace measured o	n mo/day/yr	
	1	l l	Pump t	est data: Well wate	erwas	ft. af	ter	. hours pu	ımping gpm
	NW	Es	st. Yield	gpm; . Well wate	erwas 📖	ft. af	ter	. hours pu	imping gpm
<u>.</u>	<b>y</b> , i	l l Bo	ore Hole Diamete	or.55/8in. to	J.6.		ınd	in	. to
₹ ₩ <b>├</b>	1	ı w	ELL WATER TO	BE USED AS:	5 Public water	er supply	8 Air conditionin	g 11	Injection well
; l	1		1 Domestic	3 Feedlot	6 Oil field wa	ter supply	9 Downtering	`12	Other (Specify below)
	- 2M	3t	2 Irrigation	4 Industrial	7 Lawn and g	garden only	0 Observation w	ell	
1 1		i   w	as a chemical/ba	cteriological sample :	submitted to De	epartment? Ye	sNo	; If yes	, mo/day/yr sample was sub-
		mi	tted			Wat	er Well Disinfect	ed? Yes	No
TYPE C	OF BLANK	CASING USED:	!	Wrought iron	8 Concre	ete tile	CASING JO	INTS: Glue	d Clamped
1 Ste		3 RMP (SR)	(	Asbestos-Cement	9 Other	(specify below	)	Weld	ed
(2 PV	(a)	4 ABS	•	7 Fiberglass				Thre	aded
Blank casi	ng diameter	in.	to	ft., Dia	in. to		ft., Dia		in. to ft.
Casing hei	ight above la	and surface	ir	n., weight	<u></u>	lbs./f	t. Wall thickness	or gauge N	lo
TYPE OF	SCREEN O	R PERFORATION N	MATERIAL:		Z PV	$\circ$	10 As	bestos-ceme	ent
1 Ste	eel	3 Stainless st	eel :	5 Fiberglass	8 RM	IP (SR)	11 Ot	her (specify)	
2 Bra	ass	4 Galvanized	steel (	6 Concrete tile	9 AB	S	12 No	ne used (op	en hole)
SCREEN (	OR PERFO	RATION OPENINGS	ARE:	5 Gauz	ed wrapped		8 Saw cut		11 None (open hole)
1 Co	ntinuous sk	t & Mill s	slot	6 Wire	wrapped		9 Drilled holes		
2 Lo	uvered shut	er 4 Key	punched	7 Torch	cut		10 Other (specif	fy) <sub></sub>	
SCREEN-F	PERFORATI	ED INTERVALS:			_				o
									o
G	RAVEL PA	CK INTERVALS:	From 3			ft., Fron	1	ft. t	o
			From 2	) ft. to	17.5	ft., Fron	1	≥ ft. 1	0, ft.
GROUT	MATERIAL		nent2	Cement grout	3 Bento	naite	Other	Den	tonite petiers
Grout Inter	rvals: Fro	m /.>: .> ft.	to	ft., From	<i>]:</i> ⊋ ft.	to	ft., From .	<i>.</i>	ft. to
What is the	e nearest so	ource of possible con	ntamination:			10 Livest	ock pens		bandoned water well
1 Se	ptic tank	4 Lateral I	ines	7 Pit privy		11 Fuel s	torage		il well/Gas well
2 Se	wer lines	5 Cess po	ol	8 Sewage lag	oon	12 Fertiliz	zer storage	<- 16,C	ther (specify below)
	•	er lines 6 Seepage	- C	9 Feedyard			icide storage	/44	d.f.ill
			Jou th			How man	y feet? // =		5=30+4
FROM	ТО		LITHOLOGIC LO		FROM	то		LITHOLOG	ilC LOG
34.0	36.0			to light gr	a <b>y</b>				
		(Bonner Spr	ings sh.fr	.) DRY					
		T.D. 36 ft.	b.g.L.						
									+
			· · · · · ·						
								-	١
				<del></del>					
					_				
						<del> </del>			
CONTR	RACTOR'S (	OR LANDOWNER'S	CERTIFICATION	N: This water well w	as (1) constru	cted (2) recor	nstructed, or (3)	plugged und	der my jurisdiction and was
completed	on (mo/day/	year) January	14, 1988.			and this recor	d is true to the b	est of my kn	owledge and belief. Kansas
Water Well	l Contractor'	s License No me of Total Env	483 vironmental	This Water W Services &	/ell Record wa Technolog	s completed o 31.ctg/(signati	n (mo/dey/yr) . ure)	January	16, 1988 Lenkley
INSTRUC	TIONS: Use to	pewriter or ball point pe	n. PLEASE PRESS	FIRMLY and PRINT clea	arly. Please fill in	blanks, underline	or circle the correct	answers. Ser	nd top three copies o Kansas
Departme records.	nt of Health a	nd Environment, Bureau	of Water Protection	n, Topeka, Kansas 6662	0-7320, Telephor	ne: 913-862-9360	). Send one to WAT	ER WELL OW	/NER and retain one for your