L111001-							82a-1212		
		ATER WELL:	Fraction	CARL 41 *	7887 44	Section Numb			Range Number
	McPhers		NE °½		W 1/4	32	T 19	S	R 4 B(W)
			own or city street acility, Conwa	address of well if loca	ated within	city'?			_
1		·	• .			*			W.
			inent Fractionation &	Storage					
1 '	Address, Bo	Manharas	on, KS 67460				9	,	sion of Water Resources
marang.	, ZIP Code				20		Application No		420.10
WITH A	E WELL'S AN "X" IN S	LOCATION ECTION BOX:							438.18
		N							3 ft.
♠									/r 9/20/2011
	ΝΝΛ/	NE -		!					npinggpm
	X	INC -							mpinggpm
Wille W			Bore Hole Diam	neter8in. t	to	30 ft	., and	in	. to ft.
= VV		 	WELL WATER	TO BE USED AS:			8 Air conditioni		Injection well
			1 Domestic						Other (Specify below)
	SW	- SE	2 Irrigation	4 Industrial	7 Lawn an	d garden only	(10) Monitoring w	٠	mo/day/yr samble was
₩	1			al/bacteriological samp	ole submitte				
		S	submitted				Nater Well Disinfec		No ✓
5 TYPE (OF BLANK	CASING USED:		5 Wrought iron	8 C	oncrete tile	CASING JO		I Clamped
1 St		3 RMP (SI	R)	6 Asbestos-Cemen	t 9 Ot	her (specify b	elow)		ed
(2)P\		4 ABS		7 Fiberglass					aded. 🗸
									. in. to ft.
Casing hei	ight above l	and surface	3.0.84	. in., weight			s./ft. Wall thickness	or gauge N	lo Sch. 40
TYPE OF	SCREEN C	R PERFORATIO	N MATERIAL			PVC	10 As	bestos-ceme	ent
1 St	eel	3 Stainless	s steel	5 Fiberglass	8	RMP (SR)	11 Ot	ner (specify))
2 Br	ass	4 Galvaniz	zed steel	6 Concrete tile	9	ABS	12 No	ne used (op	en hole)
SCREEN	OR PERFO	RATION OPENIN	IGS ARE:	5 Gau	zed wrappe	ed	8 Saw cut		11 None (open hole)
1 C	ontinuous s	slot 3 W	/lill slot	6 Wire	wrapped		9 Drilled holes		
2 Lo	ouvered shu	utter 4 K	Key punched	7 Torc	h cut		10 Other (specif	y)	
SCREEN-F	PERFORAT	ED INTERVALS:	: From						to ft.
			From	ft. to .		f+	Erom	ft.	to ft.
G	DAVEL DA					16,	FIUIII		
		CK INTERVALS:			30	ft.,	From	ft.	to ft.
	71 V-1 V L L F /**	ACK INTERVALS:			30	ft., , ft.,	From	ft.	to ft. to ft.
6 GROUT			From	ft. to .	30	ft., , ft.,	From	ft. ft.	to ft.
6 GROUT	MATERIA	L: 1 Neat	From cement	2 Cement grout	(3)B		From	e	to ft. to ft.
Grout Inter	MATERIA	L: 1 Neat	From cement . ft. to 2.	2 Cement grout	(3)B	tt., ft., ft., ft., entonite	From	e	to
Grout Inter	MATERIA vals: Fro e nearest s	L: 1 Neat m 0	cement ft. to 2 contamination:	2 Cement grout	(3)B	ft. to	From	e ft. 14 A	to
Grout Inter What is the 1 Sept	MATERIA vals: Fro e nearest s	L: 1 Neat m0 ource of possible 4 Late	cement . ft. to	2 Cement grout ft., From 7 Pit privy	30B	ft., entonite ft. to	From	e	to
Grout Inter What is the 1 Sept 2 Sew	MATERIA vals: Fro e nearest s	L: 1 Neat m0 ource of possible 4 Late 5 Cess	From	2 Cement grout ft., From	30B	ft. to	From	e	to
Grout Inter What is the 1 Sept 2 Sew	MATERIA vals: Fro e nearest s tic tank er lines ertight sewe	L: 1 Neat m0 ource of possible 4 Late 5 Cess	cement . ft. to	2 Cement grout 5 ft., From 7 Pit privy 8 Sewage lag	30B	ft. oft., entonite ft. to1 10 Li 11 Ft 12 Fe 13 In	From	e	to
Grout Inter What is the 1 Sept 2 Sew 3 Wate	MATERIA vals: Fro e nearest s tic tank er lines ertight sewe	L: 1 Neat m0 ource of possible 4 Late 5 Cess	From	2 Cement groutft., From 7 Pit privy 8 Sewage lag 9 Feedyard	30B	ft. , ft., entonite ft. to	From	e	to
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction f	MATERIA rvals: Fro e nearest s iic tank er lines ertight sewe from well?	L: 1 Neat m0 ource of possible 4 Late 5 Cess	From	2 Cement groutft., From 7 Pit privy 8 Sewage lag 9 Feedyard	30 2 3B	ft. , ft., entonite ft. to	From	ft. e	to
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction f	MATERIA rvals: Fro e nearest s iic tank er lines ertight sewe from well?	L: 1 Neat m0 ource of possible 4 Late 5 Cess er lines 6 Seep	From	2 Cement groutft., From 7 Pit privy 8 Sewage lag 9 Feedyard	30 2 3B	ft. , ft., entonite ft. to	From	ft. e	to
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction f FROM 0	MATERIA vals: Fro e nearest s iic tank er lines ertight sewe from well? TO 2	L: 1 Neat m. 0 ource of possible 4 Late 5 Cess er lines 6 Seep Clay topsoil, Clay, silty, D:	From		30 2 3B	ft. , ft., entonite ft. to	From	ft. e	to
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction f FROM 0 2	MATERIA rvals: Fro e nearest s tic tank er lines ertight sewe from well? TO 2 6	L: 1 Neat m. 0 ource of possible 4 Late 5 Cess er lines 6 Seep Clay topsoil, Clay, silty, D:	From		30 2 3B	ft. , ft., entonite ft. to	From	ft. e	to
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction f FROM 0 2 6	MATERIA rvals: Fro e nearest stic tank er lines ertight sewe from well? TO 2 6 8	L: 1 Neat m. 0 ource of possible 4 Late 5 Cess er lines 6 Seep Clay topsoil, Clay, silty, D: Clay, v. silty, Clay, silty, D:	From		30 2 3B	ft. , ft., entonite ft. to	From	ft. e	to
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction f FROM 0 2 6 8	rvals: Fro e nearest s ic tank er lines ertight sewe from well? TO 2 6 8 10	L: 1 Neat m. 0 ource of possible 4 Late 5 Cess er lines 6 Seep Clay topsoil, Clay, silty, De Clay, v. silty, Clay, silty, De Clay, v. silty, Clay, v. silty,	From	2 Cement groutft., From 7 Pit privy 8 Sewage lac 9 Feedyard LOG 7 Tange Brown	30 2 3B	ft. , ft., entonite ft. to	From	ft. e	to
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction f FROM 0 2 6 8 10	rvals: Fro e nearest sic tank er lines ertight sewe from well? TO 2 6 8 10 22	L: 1 Neat m. 0 ource of possible 4 Late 5 Cess er lines 6 Seep Clay topsoil, Clay, silty, D: Clay, v. silty,	From	2 Cement groutft., From 7 Pit privy 8 Sewage lac 9 Feedyard LOG 7 Tange Brown	30 2 3B	ft. , ft., entonite ft. to	From	ft. e	to
Grout Inter What is th 1 Sept 2 Sew 3 Wate Direction f FROM 0 2 6 8 10 22 24	rvals: Fro e nearest s cic tank er lines ertight sewe from well? TO 2 6 8 10 22 24 26.5	L: 1 Neat m. 0 ource of possible 4 Late 5 Cess er lines 6 Seep Clay topsoil, Clay, silty, De Clay, v. silty,	From	2 Cement groutft., From 7 Pit privy 8 Sewage lag 9 Feedyard LOG Therefore Brown Dwn	30 2 3B	ft. , ft., entonite ft. to	From	ft. e	to
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction of FROM 0 2 6 8 10 22 24 26.5	rvals: From e nearest strict tank er lines ertight sewer from well? TO 2 6 8 10 22 24 26.5 26.8	L: 1 Neat m 0 ource of possible 4 Late 5 Cess er lines 6 Seep Clay topsoil, Clay, silty, De Clay, v. silty,	From	2 Cement groutft., From 7 Pit privy 8 Sewage lag 9 Feedyard LOG Tange Brown own	30 2 3B	ft. , ft., entonite ft. to	From	ft. e	to
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction f FROM 0 2 6 8 10 22 24 26.5 26.8	rvals: Fro e nearest stic tank er lines ertight sewe from well? TO 2 6 8 10 22 24 26.5 26.8 28.2	L: 1 Neat m 0 ource of possible 4 Late 5 Cess er lines 6 Seep Clay topsoil, Clay, silty, De Clay, v. silty,	From	2 Cement grout 2 Cement grout 7 Pit privy 8 Sewage lag 9 Feedyard LOG range Brown own	goon FROM	ft. , ft., entonite ft. to	From	ft. e	to
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction f FROM 0 2 6 8 10 22 24 26.5 26.8 28.2	MATERIA rvals: Fro e nearest stic tank er lines ertight sewe from well? TO 2 6 8 10 22 24 26.5 26.8 28.2	L: 1 Neat m 0 ource of possible 4 Late 5 Cess er lines 6 Seep Clay topsoil, Clay, silty, De Clay, v. silty, Shale, wthrd.	From	2 Cement groutft., From 7 Pit privy 8 Sewage lag 9 Feedyard LOG Tange Brown own	goon FROM	ft. , ft., entonite ft. to	From	ft. e	to
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction f FROM 0 2 6 8 10 22 24 26.5 26.8 28.2 28.6	rvals: Fro e nearest stic tank er lines ertight sewe from well? TO 2 6 8 10 22 24 26.5 26.8 28.2 28.6	Clay topsoil, Clay, silty, Dclay, v. silty, Clay, v. silty, Shale, wthrd, Shale, Reddis	From cement ft to 2 e contamination: ral lines s pool page pit LITHOLOGIC v. silty, ark Brown Orange Brow ark Brown tr. vf sand, O Yellowish Brown gravelly, Bluis sandy, Brown (clayey) w/sh sh Brown	2 Cement grout 2 Cement grout 7 Pit privy 8 Sewage lag 9 Feedyard LOG range Brown own	goon FROM	ft. , ft., entonite ft. to	From	ft. e	to
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction f FROM 0 2 6 8 10 22 24 26.5 26.8 28.2 28.6 29	rvals: Fro e nearest stic tank er lines ertight seweright sewerigh	L: 1 Neat m. 0 ource of possible 4 Late 5 Cess er lines 6 Seep Clay topsoil, Clay, v. silty, Shale, wthrd. Shale, Reddis Shale, Blue G	From	2 Cement groutft., From 7 Pit privy 8 Sewage lag 9 Feedyard LOG The range Brown Dwn Sh Gray ale frags., Blue G	goon FROM	ft. , ft., entonite ft. to	From	ft. e	to
Grout Inter What is th 1 Sept 2 Sew 3 Wate Direction f FROM 0 2 6 8 10 22 24 26.5 26.8 28.2 28.6 29 29.2	rvals: Fro e nearest s ic tank er lines ertight sewe from well? TO 2 6 8 10 22 24 26.5 26.8 28.2 28.6 29 29.2 30	L: 1 Neat m 0 ource of possible 4 Late 5 Cess er lines 6 Seep Clay topsoil, Clay, silty, De Clay, v. silty, Shale, wthrd. Shale, Reddis Shale, v. plat	From	2 Cement groutft., From 7 Pit privy 8 Sewage lag 9 Feedyard LOG Tange Brown own Sh Gray ale frags., Blue G	goon FROM	ft. , ft., entonite ft. to	From	ft. e	to
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction f FROM 0 2 6 8 10 22 24 26.5 26.8 28.2 28.6 29	rvals: Fro e nearest stic tank er lines ertight seweright sewerigh	L: 1 Neat m 0 ource of possible 4 Late 5 Cess er lines 6 Seep Clay topsoil, Clay, silty, De Clay, v. silty, Shale, wthrd. Shale, Reddis Shale, v. plat	From	2 Cement groutft., From 7 Pit privy 8 Sewage lag 9 Feedyard LOG The range Brown Dwn Sh Gray ale frags., Blue G	goon FROM	ft. oft., entonite ft. to1 10 Li 11 Ft 12 Fe 13 In How n	From	ft. e	to
Grout Inter What is th 1 Sept 2 Sew 3 Wate Direction f FROM 0 2 6 8 10 22 24 26.5 26.8 28.2 28.6 29 29.2 30	rvals: From e nearest stic tank er lines ertight sewe from well? TO 2 6 8 10 22 24 26.5 26.8 28.2 28.6 29 29.2 30 30.3	Clay topsoil, Clay, silty, Clay, v. silty, Shale, wthrd, Shale, Reddis Shale, blue G Shale, v. platy Shale, thin gr	From	2 Cement grout 2 Cement grout 7 Pit privy 8 Sewage lag 9 Feedyard LOG Tange Brown Sh Gray ale frags., Blue G Own 7, Reddish Brown	goon FROM	ft., ft., ft., ft., ft., ft., ft., ft.,	From		to ft. to ft ft. to ft. bandoned water well il well/Gas well ther (specify below) ITERVALS
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction of FROM 0 2 6 8 10 22 24 26.5 26.8 28.2 28.6 29 29.2 30 7 CONTR	MATERIA rvals: Fro e nearest s cic tank er lines ertight sewe from well? TO 2 6 8 10 22 24 26.5 26.8 28.2 28.6 29 29.2 30 30.3	Clay topsoil, Clay, silty, Clay, v. silty, Shale, v. platy Shale, thin gr	From	2 Cement grout ft., From 7 Pit privy 8 Sewage lag 9 Feedyard LOG Tange Brown own sh Gray ale frags., Blue G Own ., Reddish Brown ION: This water well v	goon FROM	ft., ft., ft., ft., ft., ft., ft., ft.,	From		to
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction of FROM 0 2 6 8 10 22 24 26.5 26.8 28.2 28.6 29 29.2 30 7 CONTR and was c	MATERIA rvals: Fro e nearest s cic tank er lines ertight sewe from well? TO 2 6 8 10 22 24 26.5 26.8 28.2 28.6 29 29.2 30 30.3	Clay topsoil, Clay, silty, Clay, v. silty, Shale, wthrd. Shale, Blue G Shale, v. platy Shale, thin gr	From	2 Cement groutft., From 7 Pit privy 8 Sewage lag 9 Feedyard LOG Tange Brown Tange Brown The Gray ale frags., Blue Gray Reddish Brown ION: This water well v 8/25/2011	goon FROM	ft., ft., ft., ft., ft., ft., ft., ft.,	From	t	to ft. to ft ft. to ft. bandoned water well il well/Gas well ther (specify below) ITERVALS
Grout Inter What is the 1 Sept 2 Sew 3 Wate Direction of FROM 0 2 6 8 10 22 24 26.5 26.8 28.2 28.6 29 29.2 30 7 CONTR and was c Kansas W	rvals: Fro e nearest s cic tank er lines ertight sewer from well? TO 2 6 8 10 22 24 26.5 26.8 28.2 28.6 29 29.2 30 30.3 ACTOR'S Completed o later Well C	Clay topsoil, Clay, silty, Danger Clay, v. silty, Clay, v. sil	From	2 Cement groutft., From 7 Pit privy 8 Sewage lag 9 Feedyard LOG The range Brown own Sh Gray ale frags., Blue Grown c, Reddish Brown ION: This water well v	goon FROM	ft., ft., ft., ft., ft., ft., ft., ft.,	From	t	to
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