WELL'S STATIC WATER LEVEL 120 ft. below land surface measured on mo/day/yr 11/1 Pump testdata: Well water was 0 ft. after 0 hours pumping							1/4 NW						T 18	\$ 	R 24	¥
REF. ST. AGDIESS, BOY # : HC 51 80X 3 - PO BOX \$223 Board of Agriculture, Division of Water Resource City, State, ZIP code : MESS CITY, KS 67550- Application Number: CCATE #ELL'S LOCATION WITH								•	address	of wel	l if lo	cated wit	thin city?			
Depth(s) Groundwater Encountered 1. 0 ft. 2. 0 ft. 3. X	RR≇, S	t. Addı	ress, 8	30x ≠ :	HC 61	BOX :	3 - PO BOX	523 560-			Boar Appl	d of Agri	culture, D Number:	ivision o	f Water Re	sources
Pump testdata: Well water was 0 ft. after 0 hours pumping							•							2. 0	ft. 3	. 0 f
Estimated Yield 60 gpm: Well water was 0 ft. after 0 hours pumping E Bore Hole Diameter 10 in. to 585 ft., and in. to 0 ft. WELL WATER TO BE USED AS: DOMESTIC Was a chemical/bacteriological sample submitted to department? No; If yes, mo/day/yr sample was submitted Water well disinfected TYPE OF BLANK CASING USED: CERTA LOC CASIN CASING JOINTS: CERTA-LOC Blank Casing otameter 5 in. to 585 ft., Dia in. to 0 ft., Dia in. to 0 ft. Casing height above lare surface 12 in., weight 200 lbs/ft. Wall thickness or gauge No. 17 TYPE OF SCREEN OR PERFORATION MATERIAL: PVC SCREEN OR PERFORATION OPENINGS ARE: SAW CUT SCREEN PERFORATED INTERVALS: From 440 ft. to 580 ft., From 0 ft. to 0 ft. From 0 ft. to 0 ft., From 0 ft. to 0 ft. From 20 ft. to 70 ft., From 0 ft. to 0 ft. From 80 ft. to 585 ft., From 0 ft. to 0 ft. FROW TMATERIAL BENTONITE Gravel PACK INTERVALS: From 5 ft. to 20 ft., From 70 ft. to 80 ft., From 0 ft. to 0 ft. What is the nearest source of possible contamination: NONE Direction from weil? How many feet? FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS 0 20 01 TOPSOIL 32 TAN CLAY 02 FINE SAND 20 40 10 FINE-MEDSAND 22MED-COAR SAND 40 220 07 BLUE SHALE 36 BLUE CLAY 08 ROCK LAYERS 220 240 07 BLUE SHALE 36 BLUE CLAY 08 ROCK LAYERS 220 240 07 BLUE SHALE 36 BLUE CLAY 08 ROCK LAYERS 220 240 260 29 SANDSTONE 16 GRAY CLAY 230 320 16 GRAY CLAY		•	: : : :	:		1	1									
WELL WATER TO BE USED AS: DOMESTIC Was a chemical/bacteriological sample submitted to department? No; If yes, mo/day/yr sample was submitted	!	NI		·;	it		Estimate	ed Yield	6 0 gp	m: Well	water	was () ft. after	0 ho	ours pumpin	1g 0 g
Was a chemical/bacteriological sample submitted to department? No; If yes, mo/day/yr sample was submitted	W ;					E	Bore Hol	le Diamet	er	10	in. to	585 ft	t., and	in. to	0 ft.	
If yes, mo/day/yr sample was submitted Water well disinfected TYPE OF BLANK CASING USED: CERTA LOC CASIN CASING JOINTS: CERTA-LOC Blank casing diameter 5 in. to 585 ft., Dia in. to 0 ft., Dia in. to 0 ft. Casing height above land surface 12 in., weight 200 lbs/ft. Wall thickness or gauge No. 17 TYPE OF SCREEN OR PERFORATION MATERIAL: PVC SCREEN OR PERFORATION OPENINGS ARE: SAW CUT SCREEN OR PERFORATION OPENINGS ARE: SAW CUT SCREEN PERFORATED INTERVALS: From 440 ft. to 580 ft., From 0 ft. to 0 ft. From 0 ft. to 0 ft., From 0 ft. to 0 ft. GRAVEL PACK INTERVALS: From 20 ft. to 70 ft., From 0 ft. to 0 ft. From 80 ft. to 585 ft., From 0 ft. to 0 ft. SROUT MATERIAL BENTONITE SCRUT MATERIAL BENTONITE STOUL Intervals: From 5 ft. to 20 ft., From 70 ft. to 80 ft., From 0 ft. to 0 ft. Mat is the nearest source of possible contamination: NONE Direction from well? FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS 0 20 01 TOPSOIL 32 TAN CLAY 02 FINE SAND 20 40 10 FINE-MEDSAND 22MED-COAR SAND 40 220 07 BLUE SHALE 220 240 10 FINE-MEDSAND 22MED-COAR SAND 40 220 07 BLUE SHALE 36 BLUE CLAY 08 ROCK LAYERS 240 260 29 SANDSTONE 16 GRAY CLAY 250 280 29 SANDSTONE 16 GRAY CLAY 260 280 29 SANDSTONE	!	c ;	: : :		!	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	WELL WAT	TER TO BE	USED, AS	: DOMES	TIC					1
Blank casing diameter 5 in. to 585 ft., Dia in. to 0 ft., Dia in. to 0 ft. Casing height above land surface 12 in., weight 200 lbs/ft. Wall thickness or gauge No. 17 TYPE OF SCREEN OR PERFORATION MATERIAL: PVC SCREEN OR PERFORATION OPENINGS ARE: SAW CUT SCREEN PERFORATED INTERVALS: From 440 ft. to 580 ft., From 0 ft. to 0 ft. From 0 ft. to 0 ft., From 0 ft. to 0 ft. GRAVEL PACK INTERVALS: From 20 ft. to 70 ft., From 0 ft. to 0 ft. From 80 ft. to 585 ft., From 0 ft. to 0 ft. SPOUT MATERIAL BENTONITE STOULT Intervals: From 5 ft. to 20 ft., From 70 ft. to 80 ft., From 0 ft. to 0 ft. what is the nearest source of bossible contamination: NONE Direction from weil? FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS 0 20 01 TOPSOIL 32 TAN CLAY 02 FINE SAND 20 40 10 FINE-MEDSAND 22MED-COAR SAND 40 220 07 BLUE SHALE 220 240 07 BLUE SHALE 220 240 07 BLUE SHALE 240 250 29 SANDSTONE 16 GRAY CLAY 250 280 29 SANDSTONE 16 GRAY CLAY 260 280 29 SANDSTONE 16 GRAY CLAY		31					•			-			d to depart		•	ifected? Y
GROUT MATERIAL BENTONITE Grout Intervals: From 5 ft. to 20 ft., From 70 ft. to 80 ft., From 0 ft. to 0 ft. Inat is the nearest source of possible contamination: NONE Direction from well? FROM	Blank Casing TYPE O SCREEN	casing heigh F SCREI OR PEI	diamet t above EN OR I RECRATI	ter e land s PERFORATION OPEN	5 Surface TION MAT VINGS AR	in. 1: ERIA E:	to 585 f 2 in., L: PVC SAW CUT	ft., Dia weight	200 l	in. to lbs/ft.	0 ft Wall t	chickness	or gauge N		t.	
FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS 0 20 01 TOPSOIL 32 TAN CLAY 02 FINE SAND 20 40 10 FINE-MEDSAND 22MED-COAR SAND 40 220 07 BLUE SHALE 220 240 07 BLUE SHALE 36 BLUE CLAY 08 ROCK LAYERS 240 260 29 SANDSTONE 16 GRAY CLAY 260 280 29 SANDSTONE 280 320 16 GRAY CLAY	Blank Casing TYPE O SCREEN SCREEN	casing heigh F SCREI OR PEI PERFO	diamet t above EN OR I RECRATI	ter e land s PERFORATION OPEN TON OPEN TON TERVA	5 surface TION MAT NINGS AR	in. 1: ERIA E:	to 585 f 2 in., L: PVC SAW CUT From 44 From From 2	ft., D1a weight T 	200 1 200 1 580 f 0 f 70 f	in. to lbs/ft. ft., Fro ft., Fro ft., Fro	0 ft Wall t m (m (hickness ft. to ft. to	or gauge N O ft. O ft. O ft.		t.	
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40 220 07 BLUE SHALE 220 240 07 BLUE SHALE 36 BLUE CLAY 08 ROCK LAYERS 240 260 29 SANDSTONE 16 GRAY CLAY 260 280 29 SANDSTONE 280 320 16 GRAY CLAY	Blank Casing TYPE O SCREEN SCREEN GROUT Grout What 1 Direct	casing heigh F SCREE OR PER PERFOI GRAVEL MATERI Intervi s the	diamet above EN OR I RFCRATTED : PACK AL als: neares om well	cer e land s PERFORA ION OPEI INTERVA INTERVA BENTONI From t source	5 surface TION MAT NINGS AR LS: LS: TE 5 ft.	in. 1 ERIA E: to sibi	tc 585 f 2 in., L: PVC SAW CUT From 44 From 8 20 ft., e contamin	ft., Dia weight T 40 ft. to 0 ft. to 20 ft. to 30 ft. to From nation: N	200 1 580 f 70 f 585 f	in. to bs/ft. ft., Fro ft., Fro ft., Fro	0 ft wall t	hickness) ft. to) ft. to) ft. to) ft. to , from	O ft. O ft. O ft. O ft. O ft.	0 ft.	How many	
220	Blank Casing TYPE O SCREEN SCREEN GROUT Grout What 1 Direct FROM O	casing heigh F SCREI OR PEI PERFOI GRAVEL MATERI Intervi s the	diamet above t above t above t above t above t also i neares om well also i 20 :	cer e land s PERFORA ION OPER INTERVA INTERVA BENTONI From t source 1?	5 surface TION MAT NINGS AR LS: LS: FE 5 ft. e cf pos	to sibi	to 585 f 2 in., L: PVC SAW CUT From 44 From 6 From 8	ft., Dia weight 40 ft. to 0 ft. to 20 ft. to 30 ft. to From nation: N	200 1 580 f 0 f 70 f 585 f	in. to bs/ft. ft., Fro ft., Fro ft., Fro	0 ft wall t	hickness) ft. to) ft. to) ft. to) ft. to , from	O ft. O ft. O ft. O ft. O ft.	0 ft.	How many	
240	Blank Dasing TYPE O SCREEN GROUT GROUT MAD 1 FROM 0 20	casing heigh F SCREI OR PEI PERFOI GRAVEL MATERI Intervi s the	diamet above t above t above t above t above t als:	DEFINITION OF THE PROPERTY AND THE PROPE	5 surface TION MAT NINGS AR LS: LS: FE 5 ft. E cf Dos PSOIL 32 NE-MEDSA	to sibi	to 585 f 2 in., L: PVC SAW CUT From 44 From 6 From 8	ft., Dia weight 40 ft. to 0 ft. to 20 ft. to 30 ft. to From nation: N	200 1 580 f 0 f 70 f 585 f	in. to bs/ft. ft., Fro ft., Fro ft., Fro	0 ft wall t	hickness) ft. to) ft. to) ft. to) ft. to , from	O ft. O ft. O ft. O ft. O ft.	0 ft.	How many	
260	Blank Casing TYPE O SCREEN SCREEN GROUT Grout Inat 1 Direct FROM 0 20 40	casing heigh F SCREI OR PEI PERFOI GRAVEL MATERI Intervi	diamet above t	DEFINITION OF THE PROPERTY AND THE PROPE	5 surface TION MAT NINGS AR LS: LS: LS: PS ft. P of pos PSOIL 32 NE-MEDSA UE SHALE	to sibi	to 585 f 2 in., L: PVC SAW CUT From 44 From From 8 20 ft., e contamin THOLOGIC F CLAY 02 I 2MED-COAR	ft., Dia weight 40 ft. to 0 ft. to 20 ft. to 80 ft. to From nation: No LOG FINE SAND	200 1 580 f 70 f 585 f 70 ft.	in. to bs/ft. ft., Fro ft., Fro ft., Fro	0 ft wall t	hickness) ft. to) ft. to) ft. to) ft. to , from	O ft. O ft. O ft. O ft. O ft.	0 ft.	How many	
280 ; 320 ; 16 GRAY CLAY	Blank Casing TYPE O SCREEN SCREEN GROUT Grout what i Direct FROM 0 20 40 220	casing heigh F SCREI OR PEI PERFOI GRAVEL MATERI Intervi	diamet above t	DEPTORATION OPER INTERVAL INTE	5 surface TION MAT VINGS AR LS: LS: LS: PSOIL 32 NE-MEDSA UE SHALE UE SHALE	to sibi	to 585 fi 2 in., L: PVC SAW CUT From 44 From 6 From 8 20 ft., e contamin THOLOGIC fi CLAY 02 I 2MED-COAR	ft., Dia weight 40 ft. to 0 ft. to 20 ft. to 80 ft. to From nation: No LOG FINE SAND	200 1 580 f 70 f 585 f 70 ft.	in. to bs/ft. ft., Fro ft., Fro ft., Fro	0 ft wall t	hickness) ft. to) ft. to) ft. to) ft. to , from	O ft. O ft. O ft. O ft. O ft.	0 ft.	How many	
320 360 16 GRAY CLAY 26 RED CLAY	Blank Casing TyPE O SCREEN SCREEN SCREEN FROM 0 20 40 220 240	casing heigh F SCREI OR PEI PERFOI GRAVEL MATERI Intervi	diamet above t	DEPTORATION OPER INTERVAL INTE	5 surface TION MAT VINGS AR LS: LS: LS: PSOIL 32 NE-MEDSA UE SHALE UE SHALE NDSTONE	to sibi	to 585 fi 2 in., L: PVC SAW CUT From 44 From 6 From 8 20 ft., e contamin THOLOGIC fi CLAY 02 I 2MED-COAR	ft., Dia weight 40 ft. to 0 ft. to 20 ft. to 80 ft. to From nation: No LOG FINE SAND	200 1 580 f 70 f 585 f 70 ft.	in. to bs/ft. ft., Fro ft., Fro ft., Fro	0 ft wall t	hickness) ft. to) ft. to) ft. to) ft. to , from	O ft. O ft. O ft. O ft. O ft.	0 ft.	How many	
de de la companya de	Blank Gasing Type O SCREEN SCREEN GROUT Grout What It FROM Q20 240 260 280	casing heigh F SCREI OR PEI PERFOI GRAVEL MATERI Intervi s the	diamet above t	DEFINITION OPER INTERVALUE INTERV	5 surface TION MAT NINGS AR LS: LS: LS: PSOIL 32 NE-MEDSA UE SHALE UE SHALE NDSTONE NDSTONE AY CLAY	to sibi	to 585 fi 2 in., L: PVC SAW CUT From 44 From 6 From 6 Contamin THOLOGIC 6 CLAY 02 I 2MED-COAR BLUE CLAY RAY CLAY	ft., Dia weight 40 ft. to 0 ft. to 20 ft. to 80 ft. to From nation: No LOG FINE SAND	200 1 580 f 70 f 585 f 70 ft.	in. to bs/ft. ft., Fro ft., Fro ft., Fro	0 ft wall t	hickness) ft. to) ft. to) ft. to) ft. to , from	O ft. O ft. O ft. O ft. O ft.	0 ft.	How many	
350 380 29 SANDSTONE 16 GRAY CLAY 380 440 16 GRAY CLAY 36 BLUE CLAY	Blank Gasing TyPE O SCREEN SCREEN GROUT Grout what I Direct FROM Q20 240 260 320 320	casing height F SCREI OR PEI PERFOI GRAVEL MATERIL s the from the	diamet above t	DEFINITION OPER INTERVALUE INTERV	5 surface TION MAT NINGS AR LS: LS: LS: PSOIL 32 NE-MEDSA UE SHALE UE SHALE NDSTONE NDSTONE AY CLAY AY CLAY	to sible TANND 2 36 G	to 585 fi 2 in., L: PVC SAW CUT From 44 From 6 From 6 CONTAINED THOLOGIC FI CLAY 02 II 2MED-COAR BLUE CLAY ED CLAY	ft., Dia weight 40 ft. to 0 ft. to 20 ft. to 80 ft. to From nation: No LOG FINE SAND	200 1 580 f 70 f 585 f 70 ft.	in. to bs/ft. ft., Fro ft., Fro ft., Fro	0 ft wall t	hickness) ft. to) ft. to) ft. to) ft. to , from	O ft. O ft. O ft. O ft. O ft.	0 ft.	How many	
JOU ++U , 10 GRAT GLAT 30 DEUE GLAT	Blank Casing Type O SCREEN SCREEN SCREEN PROUT Grout Mnat 1 Direct PROM 0 20 240 260 280 320 350	casing height F SCREIC OR PERFORMATERIAL STATES TO STATE	diamet above t	DEFINITION OPER- INTERVAL INTE	5 surface TION MAT NINGS AR LS: LS: LS: LS: PSOIL 32 NE-MEDSA UE SHALE UE SHALE NDSTONE NDSTONE AY CLAY NDSTONE	in. 11 ERIA E: to sibi TANND 2 36 G 16 G	to 585 fi 2 in., L: PVC SAW CUT From 44 From 6 From 8 20 ft., e contamin THOLOGIC FI CLAY 02 I 2MED-COAR BLUE CLAY RAY CLAY	ft., Dia weight 40 ft. to 0 ft. to 20 ft. to 80 ft. to From nation: No LOG FINE SAND	200 1 580 f 70 f 585 f 70 ft.	in. to bs/ft. ft., Fro ft., Fro ft., Fro	0 ft wall t	hickness) ft. to) ft. to) ft. to) ft. to , from	O ft. O ft. O ft. O ft. O ft.	0 ft.	How many	

WATER WELL RECORD Form WWC-5 KSA 82a-1212

(Continued)

1 LOCATION OF WATER WELL: | Fraction | Section Number Township Number Range Number NW 1/4 NW 1/4 NW 1/4 ; 36 ; T 18 S ; R 24 W COUNTY: NESS

2 WATER WELL OWNER: MCLEISH, BILL

RR#, St. Address, Box # : HC 61 BOX 3 - PO BOX 523

City, State, ZIP code : NESS CITY, KS 67560-

Board of Agriculture, Division of Water Resources

Application Number:

FROM ! TO | LITHOLOGIC LOG 585 : 29 SANDSTONE 440

[7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 12/19/08 and this record is true to the best of my knowledge and belief. Kansas This Water Well Record was completed on (mo/day/yr) 01/05/09 Water Well Contractor's License No. 179 by (signature) Queit cuit under the business name of JOE'S WELL SERVICE, INC.