LOCATION OF WATER WELL:	WATER				WWC-5		Di	vision of Wa	er				
Well with the period of the						se				Well ID			
2 WELL OWNER: Lax Name: Nicholson First. CarOl Business: Address: 368 270th St. Address: 36	1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number												
Baulosis Address: 366 270th St. Address: 366 270th St. Address: 366 270th St. Address: Special State: KS ZIP-68534  LOCATE VELL STATE AND ASSET													
Address 368 270th St. Address Cov. Sabetha Suse: KS ZIP-66534    Cov. Sabetha Suse: KS ZIP-66534	2 WELL	OWNER: L	ast Name: NiC	holson	First: Cal	roi	Street or R	ural Address	where well is loca	ated (if unknow	n, distance and		
Address   Subset No   Subset	Business: direction from nearest town or intersection): If at owner's address, check h												
Source   Sabetha   Same   KS   ZF   66534													
	1/A cm AARA4												
WITH X-IN   SECTION BOX:   Depth(s) Groundwater Soundersort:   N			T							404000			
SECTION BOX:								ft. 5 Latt	tude:95./4	101666	(decimal degrees)		
Now			Depth(s) Gr	roundwater	Encountered	d: 1)	ft.	Lon	zitude:39	).89 <u>95                                   </u>	(decimal degrees)		
Delov land surface, measured on (mo-day-yr)	,		2)	ft.	3)	ft., or 4)	☐ Dry Well	Horizontal Datum: WGS 84 WAD 83 NAD 27					
NN   NE	<u></u>												
Pump test data: Well water was   faster   hours pumping gym   Gelland Survey   Topographic Map   Gelland Survey   Gelland Survey   Topographic Map   Gelland Survey   Gelland		'	☐ below!	and surface	, measured	on (mo-day	~yr)	GPS (unit make/model:)					
Section   Sect	NW	NE	Dump tor d	and surface	, ilicasuicu i	on (mo-uay	-yı)						
SW													
after			arter						☐ Offittie Mapper.				
Selevation:	sw	SE	after						-				
Soutise   Jand Survey   Green   Gree							0,	6 Elevation:π. 🗆 Ground Level 🗀 IOC					
Twell Water To Be Used As:   Domestic:   5.   Public Water Supply: well ID   10.   Oil Field Water Supply: lease   Household   6.   Dewatering; how many wells?   11. Test floit: well ID   Cased   Uncased   Geotechnical   Livestock   8.   Monitoring; well ID   12.   Geotechnical   Cased   Uncased   Uncased   Geotechnical   Unique to the provided of the provided of the provided   Internation	S	3	Bore Hole I	Diameter:	in.	to	ft. and	- 42.04					
Twestock   Comment   Com	├1 m	ıile			in.	to	ft		U Other		*************		
Garden   Cased   Dewatering: how many wells?   11. Test Hole: well ID   Cased   Chesco   Chesco   Cased   Chesco   Chesco   Cased   Chesco	7 WELL V	VATER TO	BE USED	AS:									
Livestock													
Livestock   S.   Monitoring: well ID   12. Geothermal: how many bores?   5.													
2.													
Air Sparge	1 —		8. ∟	_ Monitorin	ig: Well ID	tion: well i	D						
Mass a chemical/bacteriological sample submitted to KDHE?   Yes   No   If yes, date sample was submitted:													
Was a chemical/bacteriological sample submitted to KDHE?   Yes   No	_						DAU GOLIOII						
Water well disinfected?   Yes   No   No   Other HDPE   CASING JOINTS:   Glued   Clamped   Welded   Threaded   Casing diameter   75   in to   205   ft, Diameter   in to   ft, Diamete							Vec No						
8 TYPE OF CASING USED:   Steel   PVC   Other HDPE   CASING JOINTS:   Glued   Clamped   Welded   Threaded Casing diameter   75   in. to   205   ft. Diameter   in. to   ft. Diameter   in. to   ft. Diameter   in. to   ft. Casing height above land surface   in.   Weight   in.   Weight   well thickness or gauge No.   0.992   Mell Store   Statelles Steel   Concrete tile   None used (open hole)   Concrete tile   Statelles Steel   Concrete tile   None used (open hole)   Concinuous Stor   Mill Store   Gauze Wrapped   ScreEn OR PERFORATION OPENINGS ARE:   Concinuous Store   Mill Store   Gave Mill St					litted to W		i res Milia	n yes, da	te sample was suc		· · · · · · · · · · · · · · · · · · ·		
Casing diameter 5 in. to 205 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface in. Weight bls:/ft. Wall thickness or gauge No 0.92  TYPE OF SCREEN OR PERFORATION MATERIAL:    Steel	e TVDE	E CASING	TICED.	Proof D DV	C Cthe	. HDPE	CAS	ING IOINT	S. C Glued C Cla	amped Weld	ed   Threaded		
Casing height above land surface	Coring diam	eter .75	is to	205	Diameter	· ************************************	in to	H Die	meter in	to well	R Interded		
Steel	Casing heigh	it above land	surface	ii	n. Weigh	nt		. Wall thi	ckness or gauge No.	.092			
State								. ,,					
Brass   Galvanized Steel   Concrete tile   None used (open hole)   SCREEN OR PERFORATION OPENINGS ARE:   Continuous Slot   Mill Slot   Gauze Wrapped   Saw Cut   None (Open Hole)   SCREEN-PERFORATED INTERVALS: From						☐ PVC			ther (Specify)		**********		
SCREEN OR PERFORATION OPENINGS ARE:	☐ Brass					☐ None	used (open he		* •				
Louvered Shutter   Key Punched   Wire Wrapped   Saw Cut   None (Open Hole)   SCREEN-PERFORATED INTERVALS: From	SCREEN C	OR PERFOR											
SCREEN-PERFORATED INTERVALS: From			☐ Mill Slot		iauze Wrapp	oed 🔲 T	orch Cut 🔲	Drilled Hole	S Other (Specify	y)			
GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft., From ft. to ft.  9 GROUT MATERIAL: Neat cement   Cement grout   Bentonite   Other Sand/Dentonite Sturry (25-205)    Crout Intervals: From 5 ft. to 25 ft., From 25 ft. to 205 ft., From ft. to ft. to ft.  Nearest source of possible contamination:   Septio Tank   Lateral Lines   Pit Privy   Livestock Pens   Insecticide Storage   Abandoned Water Well    Sewer Lines   Cess Pool   Sewage Lagoon   Fuel Storage   Abandoned Water Well    Other (Specify)   Direction from well?   Feedyard   Fertilizer Storage   Oil Well/Gas Well    Other (Specify)   Direction from well?   The Control of Co											¥.		
9 GROUT MATERIAL: Neat cement													
Grout Intervals: From	G	RAVEL PA	CK INTERV	ALS: From	m	ft. to	ft., Fron	1 ft.	to fl., Fro	m IL	to ft.		
Nearest source of possible contamination:   Septic Tank	9 GROUT	MATERL	AL; Neat	cement	Cement g	rout 📰 E	Sentonite	Other Sang	voėnionitė siury	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	******		
Septic Tank					ft., From	49	. ft. to 20	5 ft., From	n ft. to .	n.			
Sewer Lines   Cess Pool   Sewage Lagoon   Fuel Storage   Abandoned Water Well					<u></u> _	Die Deiser		T I intentionly I	Danie II	nsecticide Stora	04		
Watertight Sewer Lines							-		= .		-		
Other (Specify) Direction from well?  Distance from well?  Distance from well?  Distance from well?  Distance from well?  To LITHOLOGIC LOG FROM TO LITHOLOGIC CONT. Or PLUGGING INTERVALS  Shale - olive  Sandy clay - brn 37 38 shale - lt. gray  Shale - lt. gray  Ilimestone - bm 38 45 shale - red  Shale - lt. brn 45 50 shale - bluish gray  In limestone - dk. brn 50 59 shale - red  In limestone - brn 59 60 shale - bluish gray  Shale - grayish brn 50 shale - bluish gray  Notes: continued on additional sheet  It CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, or plugged under my jurisdiction and was completed on (mo-day-year) .06-28-2016 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 308 This Water Well Record was completed on (mo-day-year)									· =				
Direction from well?											-		
10 FROM TO LITHOLOGIC LOG FROM TO LITHOLOG (cont.) or PLUGGING INTERVALS  0 5 No sample 33 37 shale - olive  5 7 sandy clay - brn 37 38 shale - lt. gray  7 9 limestone - brn 38 45 shale - red  9 13 shale - lt. brn 45 50 shale - bluish gray  13 17 limestone - dk. brn 50 59 shale - red  17 19 limestone - brn 59 60 shale - bluish gray  19 27 shale - grayish brn Notes: continued on additional sheet  27 28 limestone - brn 59 60 shale - bluish gray  11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, or plugged under my jurisdiction and was completed on (mo-day-year) .06-29-2016 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 308 This Water Well Record was completed on (mo-day-year)	Direction fro	om well?			Dist	ance from	well?			ft.			
Society   Soc	10 FROM	TO							LITHO. LOG (∞	nt.) or PLUGG	NG INTERVALS		
5 7 sandy clay - brn 37 38 shale - It. gray 7 9 limestone - bm 38 45 shale - red 9 13 shale - It. brn 45 50 shale - bluish gray 13 17 limestone - dk. brn 50 59 shale - red 17 19 limestone - brn 59 60 shale - bluish gray 19 27 shale - grayish brn Notes: continued on additional sheet 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, □ reconstructed, or □ plugged under my jurisdiction and was completed on (mo-day-year) .06-29-2016 and this record is true to the best of my knowledge and belief. 11 Kansas Water Well Contractor's License No. 398 This Water Well Record was completed on (mo-day-year)								37	shale - olive				
7   9   Ilimestone - bm   38   45   shale - red     9   13   shale - It. brn   45   50   shale - bluish gray     13   17   Ilimestone - dk. brn   50   59   shale - red     17   19   Ilimestone - brn   59   60   shale - bluish gray     19   27   shale - grayish brn   Notes: continued on additional sheet     10   28   Ilimestone - brn	5			- brn									
9 13 shale - It. bm 45 50 shale - bluish gray  13 17 limestone - dk. bm 50 59 shale - red  17 19 limestone - brn 59 60 shale - bluish gray  19 27 shale - grayish brn Notes: continued on additional sheet  27 28 limestone - brn  28 33 shale - It. brn  11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, □ reconstructed, or □ plugged under my jurisdiction and was completed on (mo-day-year) .06-29-2016 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 308 This Water Well Record was completed on (mo-day-year)													
17										ray			
17													
19   27   Shale - grayish brn   Notes: continued on additional sheet													
28   33   shale - It. brn   11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was   constructed,   reconstructed, or   plugged under my jurisdiction and was completed on (mo-day-year) .06-28-2016 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 308 This Water Well Record was completed on (mo-day-year)													
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under my jurisdiction and was completed on (mo-day-year) .06-28-2016 and this record is true to the best of my knowledge and belief.  Kansas Water Well Contractor's License No. 308	11 CONT	RACTOR'	S OR LAND	OWNER	S CERTI	FICATIO	N: This wa	ter well was	constructed,	reconstructe	d, or plugged		
Kansas Water Well Contractor's License No. 308. This Water Well Record was completed on (mg-day-year) under the business name of Rieschick Drilling Co. Inc. Signature Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.	under my i	urisdiction a	and was comm	oleted on (	mo-day-ye	ar) .06 <b>-29</b>	1-2016 ar	d this record	is true to the best	t of my knowle	edge and belief.		
Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.	Kansas Wa	ter Well Co	ntractor's Lie	cense No.	308	This V	Vater Well R	ecord was c	ompleted on (mo-	day-year)	-29-16		
1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.	under the b	usiness nan	ne of Kiesch	rck Dullu		d well en. V	onese Da	Signature	d English Burns	n of Water GUT	& Samin-		
						. Iviali One t			i one tor your records.				

## **GEOLOGICAL MATERIAL CONTINUATION**

## Carol Nicholson Sabetha, KS

60	_	63	Gundum White
63	-	65	Gypsum White Limestone – dk. Brn
65		66	
	•		limestone – gray
66	•	71	limestone – dk. Gray
71	•	72	limestone – brn
72	•	75	limestone – gray
75	•	79	shale- black
79	•	80	limestone – gray
80	•	88	shale – gray
88		91.5	gypsum- white
91.5	-	95	limestone – gray
95	•	98.5	shale – dk. Gray
98.5	-	101	limestone- dk. Gray
101	-	102	shale- gray
102	-	104	limestone – lt. gray
104	-	110	shale – It. gray
110	-	115	shale – gray
115	•	117	limestone – brn
117	-	122	shale – It. gray
122	•	125	shale – red
125	•	128.5	shale – gray
128.5	•	133	limestone – lt. gray
133	· <b>-</b>	137	gypsum – white
137	-	138	limestone – brn
138	-	139	limestone – gray
139	•	140	limestone – lt. brn
140	~	148.5	shale – black
148.5	-	149.5	limestone – gray
149.5	-	153	shale – gray
153	•	153.5	limestone – gray
153.5	-	163	shale – gray
163	-	169	gypsum- white w/ gray shale
169	-	171	shale – dk. Gray
171	. 🕶	174	shale gray
174	-	185	gypsum- white-lt. brn
185	-	188	shale – lt. gray w/ gypsum
188		192	limestone – gray
192	-	204	shale – gray interbedded limestone – gray
204	-	206	shale - black
			access academ