		RECORD Correction		WWC-5		ivision of Wate sources App. N	1	Well ID 2. Water Wel		
1 LOCATION OF WATER WELL: County: McPherson			Fraction NE½ NW¼ NW⅓	S	ection Number					
								(if unknown, distance and		
Business:		Ave			direction from	n nearest town or	intersection): If at owner	r's address, check here:		
						st, 2 miles N	orth & 3/4 mile Eas	t of Moundridge, KS		
City: Moundridge State: KS ZIP: 67107										
3 LOCAT		4 DEPTH	OF COM	PLETED WELL:	56	ft. 5 Latitu	de: 38.23174	14(decimal degrees)		
WITH "	X" IN ON BOX:	Depth(s) Gro	undwater	Encountered: 1)	7 a.	Longi	lude: 97,4156	10 (decimal degrees)		
N 2)										
ГТ	X	WELL'S ST	A HC WA	TER LEVEL: , measured on (mo-day	(ft. (06/14/20		for Latitude/Longitude			
	NE			measured on (mo-day						
1		Pump test da	ta: Well w	ater was	ft.	☐ Land Survey ☐ Topographic Map				
w	E	after		pumping		Online Mapper:				
SW	SE	after		ater was			The state of the s			
		Estimated Y	eld: 30	emm		6 Elevat	ion: 1520	☑ Ground Level ☐ TOC		
	S	Bore Hole D	iameter:	9 in to 60		Source	: Land Survey	GPS Topographic Map		
1 r				in. to	ft.		2 Other KOLAR			
7 WELL 1. Domestic		O BE USED A		ton Committee small III		10 FT 00	Ciald Water Complex to	350		
☐ House				ter Supply: well ID g: how many wells?			ole: well ID			
Lawn o	& Garden			echarge: well ID			sed Uncased (,		
☑ Livesto				g: well ID			ermal: how many bores			
 Irrigati Feedlo 			vironmente Air Sparge	I Remediation: well I			sed Loop Horizont			
4. Industr			Recovery		Extraction	b) Open Loop Surface Discharge Inj. of Water 13. Other (specify):				
			·····	itted to KDHE?	Vos (7) No	- Land to the second second		d: .,		
		? Z Yes		rited to REPRES.	143 1110	11 yes, take	sumple was submine	•		
8 TYPE C	F CASINO	USED: St	eel Z PV	C 🔲 Other	CAS	ING JOINTS:	☑ Glued ☐ Clamped	☐ Welded ☐ Threaded		
Casing diam	eter5	in. to	36 n.,	Diameter	_in. to	fl., Diam	eter in. to	☐ Welded ☐ Threadedft.		
Casing heigh	nt above land	surface	!Z in	. Weight2.3	/ lbs./ft.	Wall thicks	ness or gauge No214.			
Steel		R PERFORAT inless Steel	IUN MAI ☐ Fiber			CT Orbo	er (Specify)			
☐ Brass		vanized Steel	Conc		used (open ho		or (speeny)			
SCREEN C	OR PERFO	RATION OPEN				,		The state of the s		
	mous Slot	Mill Slot					Other (Specify)			
COPERN B	red Shutter	Key Punch	ed ∐W	ire Wrapped S	aw Cut	None (Open He	ole)	ft. to ft.		
G. C. C.	PAVET PA	CK INTERVA	LS. From	20 A to 56	it., rion	ft to	ft From	ft. to ft.		
Grout Interv	als: From	ft. to	20	. ft., From	ft. to	ft., From .	ft. to	ft.		
		le contaminatio				7.7	F*** Y	:1- 64-4		
☐ Septic			ateral Line ess Pool	s ☐ Pit Privy ☐ Sewage Le] Livestock Per] Fuel Storage		cide Storage oned Water Well		
	ight Sewer L		eepage Pit			Fertilizer Stor		II/Gas Well		
Other (Specify) Future hog pens										
							ITHO LOG (arm) or	PLUGGING INTERVALS		
10 FROM 0	TO 1	Topsoil	THOLOG	IIV LAW	FROM	10	LITTIO. LAND (CARE.) OF	I LUGGING IN LIKENIALO		
0 1		Clay, brown			1	1				
10		Sand, fine	*							
19		Clay, tan/grev								
19 30		Sand, fine w/		/		-				
45 55		Sand, mediur		· · · · · · · · · · · · · · · · · · ·	1					
55	60	0 Shale, grey/green Notes:								
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged										
	ب حديثه و ثاب الساء	Stanman name has	wand am fair	o dev vees \ 06/14/	7013 an	i this record is	triude the best of m	v knowledge and deliet I		
Kansas Wa	ter Well Co	ntractor's Lice	nse No1	Ap This W	ater Well Re	cord was con	piejed en uno-day-y	PAT) SUIGNAVIN		
under the b	usiness nan	Send one copy to	WATER W	ELL OWNER and retain	one for your re	cords Fee of \$5.	00 for each constructed we	ear) 06/25/2013		
KS Depurtn	nent of Health	and Environment,	Bureau of V	Vater, Geology Section, 1	000 SW Jackso	n St., Suite 420,	Topeka, Kansas 66612-136	7. Telephone 785-296-3565. KSA 82a-1212		
Visit us at h	Visit us at hep forward disclass gov/water well/index litral RSA 52a-1212									

E Water Well 1



1000 Corey Road P.O. Box 886 Hutchinson, KS 67504-0886 620-665-5661

FAX: 620-665-0559 TOLL FREE: 877-464-0623 www.sdklabs.com

Sample #

2846.14

Sample:

Water

Other ID:

E Water Well

Date Received:

6/16/2014 12:10:00

Page 1 of 1

Date/Time Sampled:

6/16/2014 9:00:00

Date Reported:

06/18/2014

Total Fee:

\$ 74.00

Yost, Brian 379 28th Avenue

Moundridge, Ks 67107

ANALYSIS

			Date Time		
	Result	Units	Analyzed	Analyst	
++Chloride - SM 4500-C! B	4.99	mg/L	6/17/2014 09:00	KO	
++Ammonia-Nitrogen - SM 4500-NH3 B	0.21	mg/L	6/18/2014 08:25	MH	
++Total Kjeldahl Nitrogen - SM 4500-N B	0.56	mg/L	6/17/2014 06:50	MH	
++Nitrate-Nitrogen - SM 4500-NO3 D	Less than 1.0	mg/L	6/16/2014 13:45	KO	

^{*} Denotes analysis was subcontracted to another laboratory for state compliance - see attached. Methods of analysis per EPA-600 or EPA SW-846, 3rd Ed., 1986 or Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992.

++Denotes NELAP/KDHE Accredited Method. Lab Certificate #E-10152. Results meet all requirementsof NELAC unless noted.

Matt Hogan

Quality Assurance Officer





1000 Corey Road P.O. Box 886 Huichinson, KS 67504-0686 620-665-5661 FAX: 620-665-0559 TOLL FREE: 877-464-0623 www.sdklabs.com

Page 1 of 2

Sample #

3811.13

Sample:

Water

Other ID:

East Water Well

Yost, Brian

379 28th Avenue

Moundridge, Ks 67107

Date Received:

09/12/2013

Date/Time Sampled:

9/12/2013 11:40:00

Date Reported:

09/23/2013

Total Fee:

\$72.00

ANALYSIS

			Date/Time		
	Result	Units	Analyzad	Analyst	
++pH - SM 4500-H+ B	7.30	s.u.	9/12/2013 16:32	SE	
++Chloride - SM 4500-Cl B	2.50	mg/L	9/13/2013 14:00	SE	
++Total Hardness - SM 2340B	322	mg/L			
++Total Kjeldahi Mitrogen - SM 4500-N B	Less than 0.5	mg/L	9/13/2013 09:10	MH	
++Nitrate-Nitrogen - SM 4500-NO3 D	Less than 1.0	mg/L	9/13/2013 15:15	SE	
++Calcium - SM 31118	78.20	mg/L	9/17/2013 10:00	AV	
++Magnesium - SM 3111B	11.70	mg/L	9/17/2013 10:00	AV	
++Sodkum - SM 3111B	45.60	mg/L	9/17/2013 10:00	AV	
++Sulfate - SM 4500 SO4 E	16.30	mg/L	9/13/2013 10:40	SE	
++kron - SM 3120B	0.455	mg/L	9/19/2013 10:40	AV	
++Manganese - SM 31208	0.265	mg/L	9/16/2013 16:00	AV	
++Electrical Conductivity - SM 25108	591	umhos/cm	9/13/2013 12:40	SE	
TDS-Total Dissolved Solids - Calculated	419	mg/L			

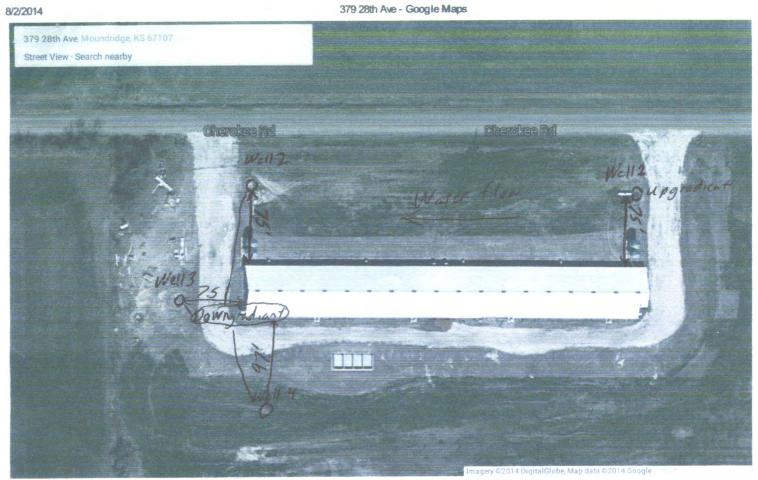
^{*}Analysis was subcontracted to another laboratory for state compliance - see attached.

Methods of analysis per EPA-600 or EPA SW-846, 3rd Ed., 1986 or Standard Methods for the Exembration of Water and Washenster, 18th Edition, 1982.

Approved By:

y. A. Agum one

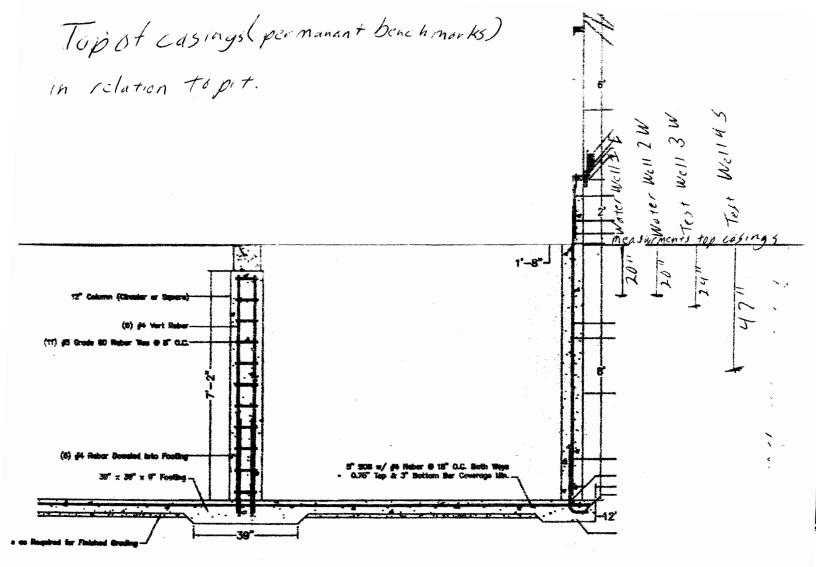
⁺⁻Duriction NELAPIKONE: Accredited Method. Leb Cartificate 6E-10152. Results meet all requiremented NELAC universented.



Brian Yost historic static water levels and total depth measurments.

Water Well 1		Water Well2		Test Weil 3		Test Well 4	
Water level	Total Depth	Water level	Total Depth	Water level	Total Depth	Water level	Total Depth
10'8"	51'6"	10'10"	39' 5"	8'5"	50'	6'5"	51'10"
	Water level	Water level Total Depth	Water level Total Depth Water level	Water level Total Depth Water level Total Depth	Water level Total Depth Water level Total Depth Water level	Water level Total Depth Water level Total Depth Water level Total Depth	Water level Total Depth Water level Total Depth Water level Total Depth Water level

Field notes and deviations from GMP;				
	······································	 	**************************************	
		 		



Brian Yost ground well monitoring plan

My monitoring wells are already completed. Included is a well log from the well drillers showing how they did them. Two of the wells are monitoring wells, the other two are water supply wells that supply water to my barns. I have one upgradient well and three downgradient wells. Also included is a map showing the locations of the wells.

I am including Peterson Irrigation's well log to show how the wells were constructed. I poured a two foot pad around each test well, then anchored a large steel pipe on the it with a lid and a padlock. I will have steel pipes cemented in the ground to protect my water wells.

I plan to check the wells sometime in May. I will first inspect the well pad, the casing, well cap protective casing, elevation mark and locks, noting anything that needs attention. Then I plan to check static water level with a weighted tape measure, drop it until I hear it hit the water, since it is only about 7 feet. Then I will let it drop to the bottom of well, to measure the depth of my well. I will measure to the top of casing since that is my permanent benchmark. Included is a survey showing the height of my wells in relation to my hog barn.

To purge the well I plan to use my air compressor. I will do this by putting a hose down wells three and four and run it until the required amount of water is run out of my well. I figured the volume of my casing, run my air compressor at 25 psi, and then collected the water. I had 19 gallons per minute. For well three I need 30 gallons, so I will run it for 2 minutes. For well four I need 36.5 gallons so I will run it for 2 minutes. The water wells are running constantly so they will not need purging.

To collect the water samples I will drop a clean cup down wells three and four, decontaminating it with non-phosphate soap and rinsing it with distilled water between wells, and dumping it into clean containers provided by SDK laboratories. For the water wells one and two I will go in the barn and collect it in clean containers from a faucet.

I will also include;

- Base map with monitoring wells;
- Table compiling historic static water levels and elevations;
- Table compiling historic analytical results with excessive concentrations including total nitrogen;
- A copy of field notes and/or field data sheet;
- A copy of analytical laboratory reports for the sample results;
- Chain of custody records;
- A description of any deviations from the GMP that occurred during the sampling event and reasons for the deviation.

Note: The well drillers said they hit water at 7.5 feet, I don't believe that's right. We did extensive excavating before the project, we hit water at 10.5 feet, static water level is at 7 feet. There is a three foot layer of clay right above water line. We dug a hole 9 feet deep, left it sit for about a week, and had no water coming into the hole. It seems the static water level has come up some, it was very dry when we checked it originally, been wetter since.