

1 LOCATION OF WATER WELL: County: *Wilson* Fraction: *SE 1/4 NE 1/4 NE 1/4* Section Number: *14* Township Number: *T 29 S* Range Number: *R 14 E W*

Distance and direction from nearest town or city street address of well if located within city? **Global Positioning Systems** (decimal degrees, min. of 4 digits)
 Latitude: *N 37° 31.597'*
 Longitude: *W 95° 50.092'*
 Elevation: _____ Datum: _____
 Data Collection Method: *Garmin*

2 WATER WELL OWNER: *Wilson County Shop*
 RR#, St. Address, Box # : *303 S. 3rd Street*
 City, State, ZIP Code : *Fredonia, KS*

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

--NW--	--NE--		
--SW--	--SE--		

4 DEPTH OF COMPLETED WELL *13.0* ft.

Depth(s) Groundwater Encountered (1) *Dry* ft. (2) ft. (3) ft.
 WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield gpm: Well water was ft. after hours pumping gpm
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr Sample was submitted. *NIA* Water well disinfected? Yes No X

5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
2 PVC 4 ABS 7 Fiberglass Threaded
 Blank casing diameter *2* in. to *3* ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface *0* in., Weight lbs./ft. Wall thickness or gauge No. *Sch 40*

TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 9 ABS 11 Other (Specify)
 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From *10* ft. to *13* ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From *2.5* ft. to *13* ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From *0* ft. to *2.5* ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide storage 16 Other (specify
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well below)
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 15 Oil well/gas well

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
<i>See attached</i>					

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) *5-9-08* and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. *759* This Water Well Record was completed on (mo/day/year) *5-18-08* under the business name of *BAZEK Environmental, LLC* by (signature) *Amber J. Paulsen*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.



SLOAN MEIER HANCOCK
ENGINEERS SURVEYORS

RECEIVED
JUN 02 2008
BY:

May 30, 2008

Jason Davis
Earth Science Solutions, Inc.
14815 W. 95th Street
Lenexa, KS 66215

Dear Jason:

The following is the information requested on a Monitoring Well Site: Wilson County Shop, 303 S. 3rd Street, Fredonia, Wilson County, Kansas.

Point	North Coord	East Coord	Distance from SE Cor. Sec. 14		Elev. Top of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
			North	West				
SE Cor.								
S14-T29S-R14E	5000	5000						
MW 2R	9271.94	4610.31	4271.94	389.69	866.10	865.76	37.52728	95.83472
MW 6R	9020.64	4528.04	4020.64	471.96	864.52	864.16	37.52650	95.83500
Site B.M.	9198	4656	4198	344B.M.	Elev. = 867.57			

Description: Square "□" cut on east side of center gas pump island.

MW2R and MW6R are in the SW/4, SE/4, NE/4, NE/4 S14-T29S-R14E.

If you have any questions, please do not hesitate in giving us a call.

Sincerely,



Tim Sloan
Sloan Meier Hancock Engineers Surveyors, P.A.



Earth Science Solutions, Inc.

LOG OF WELL NO:

MW-2R

SHEET NUMBER 1 OF 1

PROJECT NAME: Wilson County Shop A3-103-40164

PROJECT LOCATION: Fredonia, Kansas

PROJECT NUMBER: COC-08-007

GEOLOGIST: Jason Davis

DRILLER: Tony Poulter / Razek Environmental

DRILLING/PROBING CONTRACTOR: Razek Environmental

DRILLING METHOD / BORE DIAMETER: hollow stem auger / 8" OD / 4.25" ID

SAMPLING METHOD: continuous sampler

TOTAL DEPTH (feet): 13.0 feet

START DATE: 05/09/08

COMPLETION DATE: 05/09/08

Static Water Level Data
Date 5/28/08 Depth 1.74

Survey Data

Ground Surface: 866.10
Latitude North: 37.52728
Longitude West: 95.83472
Top of casing: 865.76

SAMPLE DEPTH AND TIME	PID (PPMV)	LITHOLOGY (FEET)	DEPTH (FEET)	WELL COMPLETION
0-1 17:24	0.2		1	
1-5 17:24	0.1		2	
			3	
			4	
			5	
			6	
			7	
5-10 17:51	0.1		8	
			9	
			10	
			11	
10-13 18:11	0		12	
			13	
		TD	14	
			15	
			16	
			17	
			18	
			19	
			20	
			21	
			22	
			23	
			24	
			25	

GEOLOGIC DESCRIPTION (NAME, color, particle size, characteristics)
0.0-1.0 feet 0.0-1.0 feet fill material crushed brick
1.0-5.0 feet 1.0-5.0 (CH) Clay, black in color Continuous sampler pushed 0-5 feet Static water level 1.74 feet below top of casing 864.02 ft
5.0-10.0 feet 5.0-10.0 (CH) Clay, tan in color Continuous sampler pushed 5-10 feet
10.0-13.0 feet 10.0-13.0 (CH) Clay, tan in color Continuous sampler pushed 10-13 feet Total depth achieved 13.0 feet bgs

NOTES:
Wells completed with sch 40 PVC. Casing Diameters:
O.D. 2.375 inches
I.D. 2.047 inches
Min wall thickness: 0.154 inches

Enviroplug
medium chip Bentonite
Bags of sand: 6
Bags of bentonite: 0.75

LEGEND:

SS - Split Spoon
PID - Photoionization Detector
NR - No Recovery

- Quartz sand
- Bentonite grout
- Concrete
- Gravel
- Sand

- Slotted screen
- PVC pipe
- Clay
- Static Water Level
- Crushed brick

ST - Shelby Tube
HSA - Hollow Stem Augers
PPMV - Parts Per Million by Volume