

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: Cherokee	Fraction SW ¼ SW ¼ NW ¼	Section Number 18	Township Number T 33 S	Range Number R 24 E
Distance and direction from nearest town or city street address of well if located within city? ~20' E of 110 Northeast Ave., Columbus, KS		Global Positioning System (decimal degrees, min. of 4 digits) Latitude: <u>N 37.17109°</u> Longitude: <u>W 94.83136°</u> Elevation: <u>RIM: 902.53; TOC: 902.13</u> Datum: <u>WGS84</u> Data Collection Method: <u>legal survey</u>		
2 WATER WELL OWNER: KDHE (Abandoned Service) RR#, St. Address, Box # : 1000 SW Jackson Blvd City, State, ZIP Code : Topeka KS 66612				

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL <u>14.78</u> ft. MW4
	Depth(s) Groundwater Encountered 1 _____ ft. 2 _____ ft. 3 _____ ft.
	WELL'S STATIC WATER LEVEL <u>5.58</u> ft. below land surface measured on mo/day/yr <u>3/10-11/15</u> 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 Feed lot 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 _____ 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		Threaded X
2 PVC 4 ABS 7 Fiberglass		
Blank casing diameter <u>2</u> in. to <u>4.78</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.		
Casing height below land surface <u>0.40</u> ft., Weight _____ lbs./ft. Wall thickness or gauge No. _____		
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 Gauze 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 <u>4.78</u> ft. to <u>14.78</u> ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.		
GRAVEL PACK INTERVALS: From <u>3</u> ft. to <u>15.15</u> 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 Concrete: 0-1'	
Grout Intervals From <u>1</u> ft. to <u>3</u> 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 below) 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 15 Oil well/ gas well		
Direction from well? <u>SW</u> How many feet? <u>~80'</u>		

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	5	Organic rich silty clay			
5	10	Silty sandstone			
10	15.15	Siltstone			

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) 3/10/15 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 757. This Water Well Record was completed on (mo/day/year) 6/23/15 under the business name of Larsen & Associates, Inc. by (signature) _____

INSTRUCTIONS: Please fill in blanks 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>.

TRITERRA LAND SERVICES

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SURVEY OF MONITORING WELLS ABANDONED SERVICE STATION COLUMBUS, KANSAS

The above site is in Section 18, Township 33 South, Range 24 East of the Sixth Principal Meridian, Cherokee County, Kansas. The Southeast corner of Section 18 was assigned coordinates of 00.00 North and 00.00 West.

The vertical control was a NGS benchmark described as a survey disk set in the top of a concrete monument on the County Courthouse yard, 32.5 feet west of the west edge of the Kansas Avenue sidewalk and 6.3 feet south of the south edge of the Maple Street sidewalk. Elevation: 913.30'.

The Latitude and Longitude were recorded from a GPS unit. The site is located on the 7.5' quad map titled "Columbus".

ID	NORTH	WEST	LATITUDE	LONGITUDE	ELEVATION
SE CORNER 18-33S-24E	00.00	00.00			
Control Point	2723.21	5217.36	37.17086	94.83152	902.04
MW-1 SW SW SW NW	2714.91	5198.72	37.17085	94.83148	RIM 901.54 TOC 901.24
MW-2 SW SW SW NW	2752.67	5222.95	37.17095	94.83156	RIM 901.94 TOC 901.62
MW-3 SW SW SW NW	2789.37	5227.33	37.17104	94.83158	RIM 902.12 TOC 901.73
MW-4 SW SW SW NW	2788.21	5160.88	37.17109	94.83136	RIM 902.53 TOC 902.13
MW-5 SW SW SW NW	2710.42	5162.17	37.17081	94.83138	RIM 901.15 TOC 900.88
MW-6 SW SW SW NW	2648.93	5203.47	37.17064	94.83148	RIM 900.19 TOC 899.92
MW-7 (Sec 13) SE SE SE NE	2624.93	5317.46	37.17060	94.83189	RIM 899.15 TOC 898.91
MW-8 SW SW SW NW	2647.20	5134.92	37.17067	94.83128	RIM 900.32 TOC 899.98
MW-9 (Sec 13) SE SE SE NE	2737.95	5345.79	37.17091	94.83198	RIM 900.90 TOC 900.57

