WATER WELL RECORD Form WWC-5

Division of Water Resources; App. No.

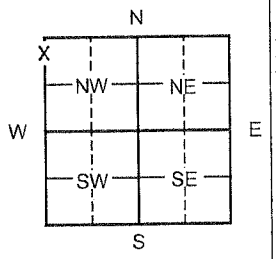
1 LOCATION OF WATER WELL: County: Jefferson | Fraction: NW ¼ NW ¼ NW ¼ | Section Number: 4 | Township Number: T 10 S | Range Number: R 19 E

Distance and direction from nearest town or city street address of well if located within city? 100'E of 516 Walnut St., Oskaloosa KS

Global Positioning System (decimal degrees, min. of 4 digits)
Latitude: N 39.21552°
Longitude: W 95.31054°
Elevation: RIM: 1110.01; TOC: 1109.62
Datum: NAVD 27
Data Collection Method: legal survey

2 WATER WELL OWNER: KDHE
RR#, St. Address, Box # : 1000 SW Jackson
City, State, ZIP Code : Topeka KS

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



4 DEPTH OF COMPLETED WELL 29.95 ft.
MW8
Depth(s) Groundwater Encountered 1 _____ ft. 2 _____ ft. 3 _____ ft.
WELL'S STATIC WATER LEVEL 17.0 ft. below land surface measured on mo/day/yr 7/2/14
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/yrs
Sample was submitted _____ Water Well Disinfected? Yes ____ No X

5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) (2) PVC 4 ABS 5 Wrought Iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)
CASING JOINTS: Glued ____ Clamped ____ Welded ____ Threaded X
Blank casing diameter 2 in. to 14.95 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
Casing height below land surface 0.39 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 14.95 ft. to 29.95 ft. From _____ ft. to _____ ft.
From _____ ft. to _____ ft. From _____ ft. to _____ ft.
GRAVEL PACK INTERVALS: From 13 ft. to 30.3 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 1 ft. to 13 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? SW How many feet? ~150'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	0.3	Asphalt			
0.3	0.8	Gravel & silty clay fill			
0.8	5	Brown silty clay w/ iron nodules and			
		Gray and black mottling			
5	6	Silty sandy clay w/ organics & gravel			
6	6.5	Dark gray clayey silt			
6.5	10	Brown w/ gray & orange mottling silty			
		sandy clay			
10	20	Light brown silty clay, slight mottling			
20	30.3	Light brown silty clay			

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) 6/25/14 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) 7/9/14 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.

Project Name & Site I.D: Blondie's 66; U4-044-01215

KSA 82a-1212

Jefferson 15 - 11 - 14e

DENNIS L HANDKE

1820 NW 59th Terrace
TOPEKA, KANSAS 66618
785-286-4047 Home
785-286-1990 Fax

KGS Copy

Jessica Chapman
Larsen & Associates
1311 E. 25th Street, Suite B
Lawrence, Kansas, 66046

July 1 , 2014

RE: Monitor Well Elevation Survey
Jefferson & Hwy 59, Oskaloossa, Kansas

Proj. 14-00BB
Blondie's 66
U4-044-01215

Bench Mark: Chised square on SW corner of concrete storm inlet at SE corner of property.
Elev: 1114.35 North 5129 East 22 (from SW Cor. Sec. 5-10-19E)

MW-1R	rim	1112.25	North	5175	NE1/4,NE1/4,NE1/4,NE1/4
	top pipe	1111.80	West	78	Lat= 39.21554 Long = 95.31105
MW-4R	rim	1108.62	North	5258	NE1/4,NE1/4,NE1/4,NE1/4
	top pipe	1108.21	West	35	Lat= 39.21577 Long = 94.31090
MW-7	rim	1112.64	North	5252	NE1/4,NE1/4,NE1/4,NE1/4
	top pipe	1112.23	West	107	Lat= 39.21576 Long = 94.31116
MW-8	rim	1110.01	North	5167	NW1/4,NW1/4,NW1/4,NW1/4 (Sec. 4-10-19)
	top pipe	1109.62	East	68	Lat= 39.21552 Long = 94.31054

Lat & Long derived Oskaloosa 7.5' quad map. NAVD 27

Elevation established from existing project.

If you have any questions, please feel free to call me. Thank you for the opportunity to be of service to you.

DENNIS L. HANDKE LICENSED LS-786 KANSAS LAND SURVEYOR
July 1, 2014

Dennis L Handke RLS

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