

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: Cloud Fraction NE 1/4 SW 1/4 SE 1/4 Section Number 18 Township Number T 7 S Range Number R 1 E (W) Distance and direction from nearest town or city street address of well if located within city? 3 miles east & 1/2 mile south of Aurora, KS Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: 39° 26' 14.9" Longitude: 097° 28' 07.7" Elevation: Datum: Data Collection Method: Hand held

2 WATER WELL OWNER: Gary Bachand RR#, St. Address, Box # : 1471 N. 260th Road City, State, ZIP Code : Clyde, KS 66938

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: [Diagram showing a 2x2 grid with NW, NE, SW, SE quadrants and an 'X' in the SE quadrant] 4 DEPTH OF COMPLETED WELL: 186 ft. Depth(s) Groundwater Encountered (1)...30... ft. (2)... ft. (3)... ft. WELL'S STATIC WATER LEVEL...56... ft. below land surface measured on mo/day/yr. 1/14/2009 Pump test data: Well water was...118... ft. after...2... hours pumping...800... gpm Est. Yield...gpm: Well water was...118... ft. after...2... hours pumping...800... 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 Water well disinfected? Yes No

5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued X Clamped 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded 2 PVC 4 ABS 7 Fiberglass Threaded Blank casing diameter...16... in. to...106... ft., Diameter... in. to... ft., Diameter... in. to... ft. Casing height above land surface...12... in., Weight 20.183 lbs./ft. Wall thickness or gauge No. .625" 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...106... ft. to...186... ft., From... ft. to... ft. GRAVEL PACK INTERVALS: From...10... ft. to...90... 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...5... ft. to...10... ft., From...90... ft. to...95... 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? North How many feet? 3/4 mile

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, PLUGGING INTERVALS. Content: Attached logs

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) 1/14/2009... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 755 This Water Well Record was completed on (mo/day/year) 2/6/2009 under the business name of Sargent Drilling by (signature)

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.

Sargent Drilling
 INDUSTRIAL ENGINEERING
 COMPLETE MUNICIPAL AND INDUSTRIAL
 WELL AND PUMP SERVICE

PO Box 367
 Geneva, NE 68361-0367

846 South 13th St.

Phone: (402) 759-3902
 1-888-496-3902

TEST HOLE LOG

CUSTOMER: Gary Bachand	
WELL ID: #1	
LOCATION: SE ¼, 18-T7S-R1W, Cloud Co., KS	
LATITUDE: 39° 26' 14.9"	
LONGITUDE: 097° 28' 07.8"	
FOOTAGES:	
DATE: 7-24-08	DRILLED BY: CL

SWL:
 PWL:

<u>from feet</u>	<u>- to feet</u>	
0	5	Brown clay
5	30	Red clay
30	50	Yellow sandstone
50	60	Medium and coarse sandstone
60	74	Fine and medium sandstone
74	80	Gray and yellow shale and hard layers
80	86	Gray and yellow shale
86	100	Fine yellow sandstone
100	136	White sandstone
136	138	Gray shale
138	140	Sandstone
140	160	Medium yellow sandstone
160	172	Coarse yellow sandstone
172	180	Gray shale
180	200	Gray and white shale, Hard

dh

RECEIVED

FEB 09 2009

BUREAU OF WATER