

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

[Empty box for application number]

1 LOCATION OF WATER WELL: County: Rawlins Fraction SE 1/4 NE 1/4 SE 1/4 NE 1/4 Section Number 32 Township No. T 2 S Range Number R 35 [] E [x] W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here [] Intersection of Road T & Road 9 Global Positioning System (GPS) information: Latitude: 39.5017.6 Longitude: 101.1536.6 Elevation: Datum: [] WGS 84, [x] NAD 83, [] NAD 27 Collection Method: [x] GPS unit (Make/Model: Garmin) [] Digital Map/Photo, [] Topographic Map, [] Land Survey Est. Accuracy: [] <3 m, [] 3-5 m, [] 5-15 m, [] >15 m

2 WATER WELL OWNER: City of Atwood RR#, Street Address, Box #: 106 South 3rd Street City, State, ZIP Code : Atwood, KS 67730

3 LOCATE WELL WITH AN "X" IN SECTION BOX: N W E S [Diagram showing a 2x2 grid with 'NW', 'NE', 'SW', 'SE' labels and an 'X' in the NE quadrant. A scale bar below indicates 1 mile.]

4 DEPTH OF COMPLETED WELL 252 ft. Depth(s) Groundwater Encountered (1) 126 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 126 ft. below land surface measured on mo/day/yr. 2/14/11 Pump test data: Well water was 201 ft. after 24 hours pumping 200 gpm EST. YIELD 200 gpm. Well water was ft. after hours pumping gpm Bore Hole Diameter 24 in. to 252 ft., and in. to ft. WELL WATER TO BE USED AS: [x] Public water supply [] Geothermal [] Injection well [] Domestic [] Feedlot [] Oil field water supply [] Dewatering [] Other (Specify below) [] Irrigation [] Industrial [] Domestic-lawn & garden [] Monitoring well Was a chemical/bacteriological sample submitted to Department? [] Yes [x] No If yes, mo/day/yr sample was submitted. Water well disinfected? [x] Yes [] No

5 TYPE OF CASING USED: [x] Steel [] PVC [] Other CASING JOINTS: [] Glued [] Clamped [x] Welded [] Threaded Casing diameter .12 in. to .207 ft., Diameter .12 in. to .252 ft., Diameter in. to ft. Casing height above land surface .36 in., Weight 49.56 lbs./ft., Wall thickness or gauge No. 375 TYPE OF SCREEN OR PERFORATION MATERIAL: [] Steel [x] Stainless Steel [] PVC [] Other (Specify) [] Brass [] Galvanized Steel [] None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: [] Continuous slot [] Mill slot [] Gauze wrapped [] Torch cut [] Drilled holes [] None (open hole) [] Louvered shutter [] Key punched [x] Wire wrapped [] Saw cut [] Other (specify) SCREEN-PERFORATED INTERVALS: From 207 ft. to 237 ft., From ft. to ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 200 ft. to 252 ft., From ft. to ft. From ft. to ft. From ft. to ft.

6 GROUT MATERIAL: [] Neat cement [x] Cement grout [x] Bentonite [] Other Grout Intervals: From C-0 ft. to C-27 ft., From B-27 ft. to B-200 ft., From ft. to ft. What is the nearest source of possible contamination: [x] Septic tank [] Lateral lines [] Pit privy [] Livestock pens [] Insecticide storage [] Other (specify below) [] Sewer lines [] Cesspool [] Sewage lagoon [] Fuel storage [] Abandoned water well [] Watertight sewer lines [] Seepage pit [] Feedyard [] Fertilizer storage [] Oil well/gas well Direction from well Distance from well Over 1,000 Feet

Table with 4 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 1: FROM, TO, See Attached, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Subsequent rows are empty.

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [x] constructed, [] reconstructed, or [] plugged under my jurisdiction and was completed on (mo/day/year) 1/20/11 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 433 This Water Well Record was completed on (mo/day/year) 3/11/11 under the business name of Sargent Drilling Co. by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) 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 copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html.

Sargent Drilling Co.
INDUSTRIAL ENGINEERING
COMPLETE MUNICIPAL AND INDUSTRIAL
PUMPS AND WELL SERVICE

PO Box 627
HC 74, Box 28

Broken Bow, Nebraska
68822

Phone (308) 872-5125
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TEST WELL LOG
CITY OF ATWOOD, KS
TEST HOLE – 2010-5
(1,600' SOUTH OF WELL #7)
NOVEMBER 16, 2010

N 39° 50' 17.6" – W 101° 15' 36.6"
SE ¼, NE ¼, SE ¼, NE ¼, Section 32, Township 2 South, Range 35 West
3456' N of South Line & 59' W of East Line
Rawlins County

0	4	Topsoil
4	100	Soft Brown Clay (89-92 White Limey Clay Traces)
100	111	Small Red Gravel
111	120	Soft Brown Clay with Hard Brown Clay Layers
120	124	Pull Down 1, Hard Limestone Layer
124	140	Coarse Sand, Hard Sandstone Layers (136-140 Small Red Gravel)
140	160	Small Red Gravel
160	180	Brown Sand (172 – 180 Soft Clay Layers)
180	188	Brown Sand
188	191	Hard Brown Sandstone Layer, Brown Sand
191	200	Hard Limestone Layers
200	204	Hard Limestone Layer
204	229	Brown Sand
229	236	Small Red Gravel
236	240	Yellow Ochre
240	250	Yellow Ochre, Gray Shale