

County: Gray Fraction SW NW SW SW Sec. 5 T 29 S R 30 E (W)

CORRECTION(S) TO WATER WELL COMPLETION RECORD (WWC-5)
(to rectify lacking or incorrect information)

Owner: Arlene Bunnell

Location was listed as:
Section-Township-Range: 5-29S-30W
Fraction (1/4 1/4 1/4): None Given

Location changed to:
5-29S-30W
SW NW SW SW

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

Verification method: written & legal descriptions, Gray County online parcel search, and mapping tool & aerial photos on KGS website.

initials: DR date: 11/25/2013

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: GRAY	Fraction 1/4 1/4 1/4 1/4	Section Number 5	Township No. T 29 S	Range Number R 30 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> SUBLETTE: NE on Hwy 56 to W side of Copland to 2 rd go N on 2 rd .5 miles tan house on E		Global Positioning System (GPS) information: Latitude: (in decimal degrees) Longitude: (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model:) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m		
2 WATER WELL OWNER: BUNNELL, ARLENE RR#, Street Address, Box #: 31808 2 ROAD City, State, ZIP Code : COPLAND, KS 67837				

<p>3 LOCATE WELL WITH AN "X" IN SECTION BOX: N</p> <div style="text-align: center;"> <table border="1" style="width: 100px; height: 100px; border-collapse: collapse;"> <tr><td style="width: 50px; height: 50px;">NW</td><td style="width: 50px; height: 50px;">NE</td></tr> <tr><td style="width: 50px; height: 50px;">SW</td><td style="width: 50px; height: 50px;">SE</td></tr> </table> <p style="text-align: center;">S -----1 mile-----</p> </div>	NW	NE	SW	SE	<p>4 DEPTH OF COMPLETED WELL 420 ft.</p> <p>Depth(s) Groundwater Encountered (1) 238 ft. (2) ft. (3) ft.</p> <p>WELL'S STATIC WATER LEVEL 238 ft. below land surface measured on mo/day/yr. 7-11-13</p> <p>Pump test data: Well water was 290 ft. after 1 hours pumping. 70 gpm</p> <p>EST. YIELD 70 gpm. Well water was ft. after hours pumping gpm</p> <p>Bore Hole Diameter 9.75 in. to 420 ft., and in. to ft.</p> <p>WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below) <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well</p> <p>Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes, mo/day/yr sample was submitted.....</p> <p>Water well disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
NW	NE				
SW	SE				

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded

Casing diameter 5 in. to 420 ft., Diameter in. to ft., Diameter in. to ft.

Casing height above land surface 24 in., Weight 4.074 lbs./ft., Wall thickness or gauge No. SDR 21-316

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel 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 Wire wrapped Saw cut Other (specify)

SCREEN-PERFORATED INTERVALS: From 340 ft. to 420 ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 180 ft. to 420 ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 1 ft. to 25 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination:
 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

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	4	TOP SOIL	374	410	MED SAND
4	38	TAN CLAY/CALICHE	410	430	SANDY CLAY/RED,BLUE/CLAY STREAKS
38	51	CALICHE CLAY/SANDY CLAY			
51	168	MED /COARSE SAND			
168	210	MED SAND/CLAY STREAKS			
210	255	COARSE SAND			
255	318	BLUE CLAY/SAND STREAKS			
318	332	SANDY CLAY			
332	351	CLAY/SAND STREAKS			
351	374	MED SAND			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 7-11-13 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 430 This Water Well Record was completed on (mo/day/year) 7-11-13 under the business name of Howard Dlnq Co Box 806 Beaver Ok 73932.. by (signature) *Phil Dlnq*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send one copy to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. 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>