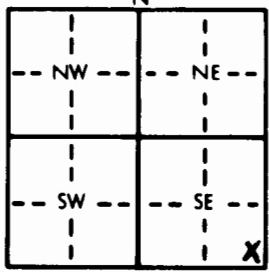


1 LOCATION OF WATER WELL: County: Sumner Fraction: SE 1/4 SE 1/4 SE 1/4 Section Number: 13 Township Number: T 33 S Range Number: R 2 **EW**

Distance and direction from nearest town or city street address of well if located within city?
4 Miles North of Geuda Springs

2 WATER WELL OWNER: City of Geuda Springs Well No. 2
 RR#, St. Address, Box #: 100 1st Street Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Geuda Springs, Kansas 67051 Application Number: 38,484

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


4 DEPTH OF COMPLETED WELL: 36' 6" ft. ELEVATION: _____ ft.
 Depth(s) Groundwater Encountered: 1 ft. 31.5 ft. 34 ft. 36.5 ft.
 WELL'S STATIC WATER LEVEL: 31.5 ft. 34 ft. 36.5 ft. surface measured on mo/day/yr
 Pump test data: Well water was _____ ft. after 2 hours pumping 70 gpm
 Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 30 in. to 22 in. and 22 in. to 36.5 in.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well
 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 7 Lawn and garden only 10 Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No X; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes X No _____

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded X
 7 Fiberglass Threaded _____
 Blank casing diameter: 24 in. to 22 in. Dia. 8 in. to 29.5 in. Dia. _____ in. to _____ in. ft.
 Casing height above land surface: 36 in., weight 94.62-28.55 lbs./ft. Wall thickness or gauge No. .375-.322

TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____
 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From 29.5 ft. to 36.5 ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From None ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From 0 ft. to 22 ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 16 Other (specify below) Crude Oil Line
 Direction from well? South How many feet? 100

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		See Attached			

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) 4/22/87 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 102 This Water Well Record was completed on (mo/day/yr) 4/22/87 under the business name of Layne Western Co., Inc., Wichita, Ks. by (signature) [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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

6610000098-21

East (No. 2) Well City of Geuda Springs

Approximately 38' N. and 431' W. of SE corner of Sec. 13, T33S, R2E, Sumner County, Kansas.

Drilled 24 Nov. (top 22') and 11 Dec., 1986 (bottom 15')

Surface elevation -1115.60

Static Water Level elevation - 1,116.38 (approx.)

0 - 5'	Top soil, clayey
5 - 9'	Clay, silty, light gray-brown
9 - 14.5	Clay, silty, light brownish-gray
14.5 - 16.5	Sand and gravel, fine to coarse, arkosic and some gray clay streaks
16.5 - 18.0	Sand and gravel, fine to coarse, arkosic
18.0 - 21.0	Shale, soft with a few hard streaks, gray
21.0 - 21.8	Shale, hard, gray
21.8 - 23.0	Shale, slightly limy, light-gray
23.0 - 24.0	Shale, limy, dark-gray
24.0 - 28.0	Shale, dark gray-green
28.0 - 30.0	Shale, limy, dark-gray
30.0 - 31.0	Shale, very limy, light gray and streaks of black
31.0 - 33.5	Limestone, broken, tan-brown, took about ten minutes to drill through this with a 22" bit.
33.5 - 34.0	Shale, soft, blue-gray
34.0 - 35.0	Shale, limy, dark-gray to blue
35.0 - 36.6	Shale, limy with soft streaks, gray to blue-gray
36.6 - 37.0	Shale, soft, gray to blue-gray

Log by R.L.Vincent