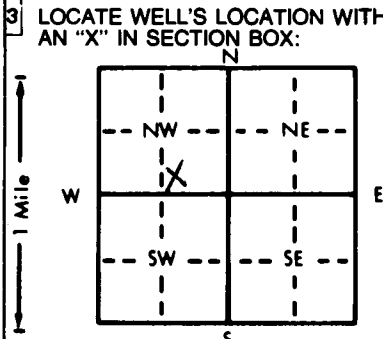


1 LOCATION OF WATER WELL: County: Wyandotte Fraction: SW 1/4 SE 1/4 NW 1/4 Section Number: 21 Township Number: T 11 S Range Number: R 23 E

Distance and direction from nearest town or city street address of well if located within city?
3/4 mile E Bonner Springs

2 WATER WELL OWNER: Colorado Geologic Inc.
 RR#, St. Address, Box #: 12395 W 53RD AVE. Suite 102
 City, State, ZIP Code: Arvada, CO 80002
 Board of Agriculture, Division of Water Resources
 Application Number: 831.4



4 DEPTH OF COMPLETED WELL: 47 ft. ELEVATION: 831.4
 Depth(s) Groundwater Encountered: 1 ft. 2 ft. 3 ft. ft.
 WELL'S STATIC WATER LEVEL: 27.8 ft. below land surface measured on mo/day/yr 8/27/86
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm; Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 12 1/4 in. to 47 ft., and _____ in. to _____ ft.
 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 Lawn and garden only Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No _____; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes _____ No _____

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
 PVC 4 ABS 7 Fiberglass _____ Welded _____
 Blank casing diameter: 4 in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: 40 in., weight _____ lbs./ft. Wall thickness or gauge No. sch 40
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 11 Other (specify) _____
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot Mill slot 32 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 47 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 40 ft. to 86 ft., From 30 ft. to 47 ft.

6 GROUT MATERIAL: 1 Neat cement 10 Cement grout 26 Bentonite 4 Other _____
 Grout Intervals: From _____ ft. to _____ 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 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) NONE
 13 Insecticide storage _____

Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		<u>see attached logs</u>			

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) 8-6-86 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) 1/21/87 under the business name of Layne-Western Co. Inc. by (signature) Paul W. Linn

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.

TEST BORING LOG

Project Lone Star Cement
 Address _____
 City & State Doumar Springs, N.S.

Boring No. MW 6 Sheet ___ of ___
 Surface Elevation _____ Offset 0
 Date Started 8-6-86 Completed _____
 Driller D. J. Hays Rig CP 15

Abbreviations: A.O. - Auger Only R.B. - Rock Bit C.W. - Core Water
 H.A. - Hollow Auger S.S. - Split Spoon C.A. - Core Air
 W.B. - Wash Bore S.T. - Shelby Tube F.B. - Finger Bit

DEPTH		METHOD	PENETRATION RECORD		CORE RECOVERY	SAMPLE DESCRIPTION COLOR-MATERIAL-MOISTURE-CLAY CONSISTENCY SAND DENSITY
FROM	TO		POCKET PENETRO-METER	NO. OF BLOWS		
0.0	2.10'	W/A	Air.			Top Soil
2.10	7.0'				03	Brown silty clay
7.0'	7.5'				20	Brown Limestone Broken
7.5'	11.5'				03	1' silty clay soft
11.5'	14.0'					Brown Limestone clay slanes
14.0'	15.5'				20	" " Solid
15.5'	18.0'				19	Gray shale Hard
18.0'	19.0'				20	" Limestone solid
19.0'	21.0'					" Limestone shale
21.0'	34.0'				19	Dark Gray shale
34.0'	40.4'				20	" " Limestone 'solid'
40.0'	42.0'				19	Black shale
42.0'	43.0'				20	Brown & gray Limestone v. Hard
43.0'	47.				19	Dark Gray shale Hard

REMARKS: (Casing, Water Loss, Etc.) Water Level Time Date
B. Bowles Drilled 12 1/2" Hole For MW 6 (Completion)