WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Sedgwick | Fraction: NW ¼ NE ¼ NW ¼ | Section Number: 30 | Township Number: T 29 S | Range Number: R 2 E (W)

Distance and direction from nearest town or city? 4 miles West of Clearwater, KS | Street address of well if located within city?

2 WATER WELL OWNER: Vulcan Materials
RR#, St. Address, Box # : P.O. Box 12283
City, State, ZIP Code : Wichita, KS 67277

NOTE: 2 monitor wells drilled 25' apart, this log for East Well (Deep)

Board of Agriculture, Division of Water Resources Application Number: Not Available

3 DEPTH OF COMPLETED WELL 100 ft. Bore Hole Diameter 11 in. to 100 ft., and ... in. to ... ft.

Well Water to be used as: 1 Domestic 3 Feedlot 2 Irrigation 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Observation well 11 Injection well 12 Other (Specify below) Monitor

Well's static water level n/c ft. below land surface measured on ... month ... day ... year

Pump Test Data: Well water was ... ft. after ... hours pumping ... gpm
Est. Yield n/c gpm: Well water was ... ft. after ... hours pumping ... gpm

4 TYPE OF BLANK CASING USED: 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)

Casing Joints: Glued X Clamped Welded Threaded

Blank casing dia 6 in. to 78 ft., Dia 6 in. to 100 ft., Dia ... in. to ... ft.
Casing height above land surface 12 in., weight 4.07 lbs./ft. Wall thickness or gauge No .316

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)

Screen or Perforation Openings Are: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut slot 9 Drilled holes 10 Other (specify) 11 None (open hole)

Screen-Perforation Dia 6 in. to 98 ft., Dia ... in. to ... ft., Dia ... in to ... ft.
Screen-Perforated Intervals: From 78 ft. to 98 ft., From ... ft. to ... ft.
From ... ft. to ... ft., From ... ft. to ... ft.
Gravel Pack Intervals: From 72 ft. to 100 ft., From ... ft. to ... ft.
From ... ft. to ... ft., From ... ft. to ... ft.

5 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other ...
Grouted Intervals: From 0 ft. to 72 ft., From ... ft. to ... ft., From ... ft. to ... ft.

What is the nearest source of possible contamination: 1 Septic tank 2 Sewer lines 3 Lateral lines 4 Cess pool 5 Seepage pit 6 Pit privy 7 Sewage lagoon 8 Feed yard 9 Livestock pens 10 Fuel storage 11 Fertilizer storage 12 Insecticide storage 13 Watertight sewer lines 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) Brine Field

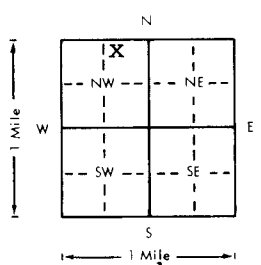
Direction from well Southeast How many feet 800 ? Water Well Disinfected? Yes ... No X

Was a chemical/bacteriological sample submitted to Department? Yes ... No X ... If yes, date sample was submitted ... month ... day ... year: Pump Installed? Yes ... No X

If Yes: Pump Manufacturer's name ... Model No. ... HP ... Volts ...
Depth of Pump Intake ... ft. Pumps Capacity rated at ... gal./min.
Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other

6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on 10 month 23 day 1979 year, and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 185
This Water Well Record was completed on 5 month 13 day 1980 year under the business name of Clarke Well & Eq., Inc. by (signature) O W Clarke

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



ELEVATION: unknown

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Fine sand			
2	9	Brown clay			
9	15	Sand & sandy clay			
15	25	Fine sand			
25	35	Medium sand & fine gravel			
35	41	Hard green shale			
41	45	Soft red sandy shale			
45	49	Green, gray shale			
49	100	Gray shale w/thin limey streaks 78'-100'			

Depth(s) Groundwater Encountered 1. not ck ft. 2 ... ft. 3 ... ft. 4 ... ft. (Use a second sheet if needed)

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, Division of Environment, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T 29 R 2 E(W) SEC. 30 NW ¼ NE ¼ NW ¼