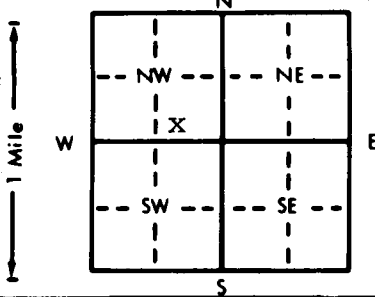


1 LOCATION OF WATER WELL: Fraction SW 1/4 SE 1/4 NW 1/4 Section Number 28 Township Number T 11 S Range Number R 23 E/W

Distance and direction from nearest town or city street address of well if located within city?
 1 MI EAST Blue Springs off Hwy 32

2 WATER WELL OWNER: Lone Star Cement Company
 RR#, St. Address, Box #: P.O. Box 297 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Bonner Springs, Kansas 66012 Application Number:

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


4 DEPTH OF COMPLETED WELL: 69.5 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 25 ft. below land surface measured on mo/day/yr
 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: 15 in. to 69.5 ft., and ... in. to ... ft.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 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 No X

5 TYPE OF BLANK CASING USED:
 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 Fiberglass Threaded
 Blank casing diameter: 4 in. to 23 ft., Dia 8 in. to 51.5 ft., Dia ... in. to ... ft.
 Casing height above land surface: 1.5 in., weight ... lbs./ft. Wall thickness or gauge No. ...
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)
 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From 59.5 ft. to 69.5 ft., From ... ft. to ... ft.
 GRAVEL PACK INTERVALS: From ... 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 51.5 ft., From 53.5 ft. to 55.5 ft., From ... ft. to ... ft.
 What is the nearest source of possible contamination:
 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 Insecticide storage
 Direction from well? SE How many feet? 500'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0.0	18.0	Shale & Rock (fill)			
18.0	24.0	Limestone boulders			
24.0	35.0	Shale & clay (few boulders)			
35.0	37.0	Boulder			
37.0	47.0	Shale, med.			
47.0	50.0	Shale			
50.0	58.0	Gray shale			
58.0	61.5	Gray brown limestone, very hard			
61.5	64.0	Gray shale			
64.0	65.3	Brown limestone, very hard			
65.3	67.5	Dark gray shale, hard			
67.5	69.5	Gray limy shale, hard			
69.5		TOTAL DEPTH			

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) 3/2/88 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/year) 5/10/88 under the business name of Layne-Western Company, Inc. by (signature) Paul W. Smith

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.