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

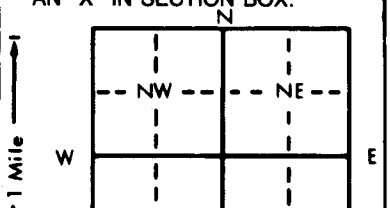
1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Hamilton	SW ¼ SE ¼ SW ¼	10	T 24 S	R 40 E/W

Distance and direction from nearest town or city street address of well if located within city?
From Syracuse approximately 3 miles east

2 WATER WELL OWNER: Syracuse Feed Yard
RR#, St. Address, Box # : P. O. Box DD
City, State, ZIP Code : Syracuse, KS 67878

Board of Agriculture, Division of Water Resources
Application Number: 37,654

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



4 DEPTH OF COMPLETED WELL 330 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 157 ft. below land surface measured on mo/day/yr 3-28-85
Pump test data: Well water was 202 ft. after 4 hours pumping 100 gpm
Est. Yield 100 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 17½ in. to 330 ft., and in. to ft.
WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 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)
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: 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 Clamped Welded X Threaded
Blank casing diameter 8 5/8 in. to 330 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 12 in., weight 22.36 lbs./ft. Wall thickness or gauge No. .250w
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 9 Drilled holes 10 Other (specify) 11 None (open hole)
SCREEN-PERFORATED INTERVALS: From 230 ft. to 290 ft., From 305 ft. to 325 ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 15 ft. to 330 ft., From ft. to ft.
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 15 ft., From ft. to ft., From ft. to ft.
What is the nearest source of possible contamination:
1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) none observed
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		See attached log			

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) April 4, 1985 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) May 9, 1985 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) Bruce J. Reichmuth

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, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼

CUSTOMERS NAME Syracuse Feed Yard

STREET ADDRESS P. O. Box 90

CITY & STATE Syracuse, KS 67877

COUNTY Hamilton QUARTER SW SECTION 10 TOWNSHIP 24 RANGE 40

LOCATION 1600' west of test #2

TEST NO. 3 LOG

DRILLER Livingston

Well Location

Well Location

Good test

Static Water Level

Proposed Well Depth

%	Footage From	Pay	To	DESCRIPTION OF STRATA
	0		3	Top soil
	3		18	Brown sandy clay
	18		25	Sand fine to medium, small to large gravel
	25		26	Soapstone
	26		117	Weathered shale, limestone ledges
	117		130	Shale and dakota, limestone
	130		140	Shale limestone
	140		187	Soapstone, limestone and dakota streaks and few pyrite streaks
	187		230	Limestone, pyrite and soapstone,
				Changed bits 4½" rock bit at 207'
				Few dakota streaks from 220'
30	230	58	289	Dakota, few soapstone streaks, some rough ledges used water
	289		302	Shale pyrite, Drills rough in places
25	302	25	327	Dakota few shale and pyrite streaks
	327		340	Shale and limestone

Total depth of well 330 Ft.
set up facing south
dig pit on the west

1 set bits
2 4½" rock bits
2 loads water