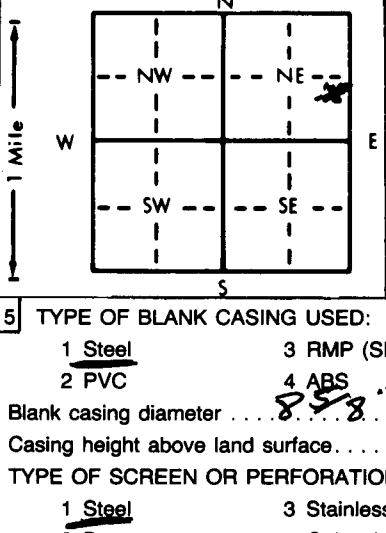
WATER WELL RECORD Form WWC-5 KSA 82a-1212

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

Distance and direction from nearest town or city street address of well if located within city?
From Syracuse, 1 East, 1 North, 1 East to Feed yard

2 WATER WELL OWNER: Syracuse Feed Yard
RR#, St. Address, Box # : Box 00
City, State, ZIP Code : Syracuse KS. 67878
Board of Agriculture, Division of Water Resources Application Number: 32,061

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



4 DEPTH OF COMPLETED WELL 370 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 188 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 182 ft. below land surface measured on mo/day/yr 5-4-84
Pump test data: Well water was 252 ft. after 1 hours pumping 30 gpm
Est. Yield 50 gpm: Well water was 290 ft. after 2 hours pumping 43 gpm
Bore Hole Diameter 17¼ in. to 370 ft., and in. to ft.
WELL WATER TO BE USED AS: 1 Domestic 3 Feedlot 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)
2 Irrigation 4 Industrial
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 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 370 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 12 in., weight 19.66 lbs./ft. Wall thickness or gauge No. .219

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 248 ft. to 268 ft., From 310 ft. to 350 ft.
From 275 ft. to 295 ft., From 350 ft. to 370 ft.
GRAVEL PACK INTERVALS: From 10 ft. to 370 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 10 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) 4
Direction from well? How many feet? 350' west

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) 5-10-84 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) 6-22-84 under the business name of Henkle Drilling & Supply by (signature) Charles Wagnestal

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

DRILLERS TEST LOG

CUSTOMERS NAME Syracuse Feed Yard DATE 7-28-83

STREET ADDRESS ~~Box DD~~ TEST # 1 E. LOG Yes

CITY & STATE Syracuse, Kansas DRILLER Mai

COUNTY Hamilton QUARTER NE SECTION 10 TOWNSHIP 24 RANGE 40

LOCATION Power lines 90' East of Test Dr. 1180' N and 90' W of Se corner of ¼ WELL LOCATION

%	Footage From	Pay	To	DESCRIPTION OF STRATA
				Static Water Level
				Proposed Well Depth
	0		1	Top soil
	1		10	Brown clay and fine sand
	10		33	Soapstone and limestone, very hard at 16'
	33		105	Weathered shale and hard ledges
	105		152	Shale
	152		157	Hard shale, hard sandstone and limestone
	157		180	Shale
30	180	20	200	Dakota sandstone few shale stks.
15	200	28	228	Gray shale and dakota sandstone - tight
25	228	40	268	Dakota sandstone, gray shale stks.and few hard ledges
				tight (Iron pyrite at 268' very hard)
	268		272	Iron Pyrite and black rock - hard
25	272	26	298	Dakota sandstone (Changed bits at 275') and shale stks. few
				limestone ledges
	298		310	Gray shale
40	310	33	343	Dakota sandstone uses little water, few hard ledges
25	343	25	368	Sandstone and shale
	368		370	Limestone - Hard
	370		402	

Total depth of Well 370 ft.

Set up east, pit south