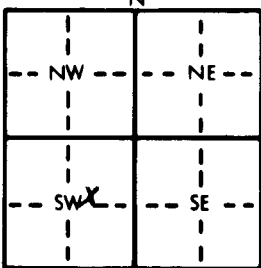


1 LOCATION OF WATER WELL: Fraction SW 1/4 NE 1/4 SW 1/4 Section Number 10 Township Number T 24 S Range Number R 40 E W
 County: Hamilton

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 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Syracuse, KS 67878 Application Number: 37,653

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



4 DEPTH OF COMPLETED WELL... 366... ft. ELEVATION:
 Depth(s) Groundwater Encountered 1... 193... ft. 2... ft. 3... ft.
 WELL'S STATIC WATER LEVEL . 193... ft. below land surface measured on mo/day/yr 3-28-85
 Pump test data: Well water was ... ft. after ... hours pumping ... gpm
 Est. Yield ... 100... gpm Well water was ... ft. after ... hours pumping ... gpm
 Bore Hole Diameter . 17 1/2 ... in. to . 366... 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:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued ... Clamped ...
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded . X
 7 Fiberglass Threaded.

Blank casing diameter ... 8.5/8 ... in. to ... 366... 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 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) ...
 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) ...

SCREEN-PERFORATED INTERVALS: From ... 210... ft. to ... 230... ft., From ... 264... ft. to ... 324... ft.
 From ... 342... ft. to ... 362... ft., From ... ft. to ... ft.
 GRAVEL PACK INTERVALS: From ... 15... ft. to ... 366... 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 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)
 13 Insecticide storage

Direction from well? north How many feet? 1500'

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 2, 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) ... April 19, 1985... under the business name of Henkle Drilling & Supply Co., Inc. by (signature) Bruce J. Richmuth

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.
1/4
1/4
1/4

OWNER NAME Hydraulic Co. Inc.
 STREET ADDRESS P. O. Box 111
 CITY & STATE Syracuse, KS 67878
 COUNTY Hamilton QUARTER SW SECTION 10

DATE 10/1/77
 TIME 6
 DRILLER Hydraulic Co. Inc.
 TOWNSHIP 13 RANGE 10

Well Location
 Could be well location

LOCATION 1300' north of test #3

#	Footage			DESCRIPTION OF STRATA	Static Water Level
	From	Pay	To		Proposed Well Depth
	0		2	Top soil	
	2		16	Brown sandy clay	
	16		19	Sand fine to medium, small to large gravel	
	19		30	Soapstone	
	30		140	Weathered shale	
	140		187	Shale, dakota and limestone	
15	187	38	225	Soapstone, limestone and dakota	
				Changed bits 4 1/2" rock bit at 225'	
	225		260	Soapstone, limestone, pyrite and very few dakota streaks	
40	260	67	327	Dakota, soapstone and pyrite streaks	used water
	327		340	Shale, pyrite	Hard 336'-341'
25	340	12	352	Dakota and few shale streaks	
15	352	12	364	Shale and dakota	
	364		372	Shale, limestone and pyrite	
Total well depth 366'					
<i>Setup South</i>					
<i>Dig Pits on the west</i>					