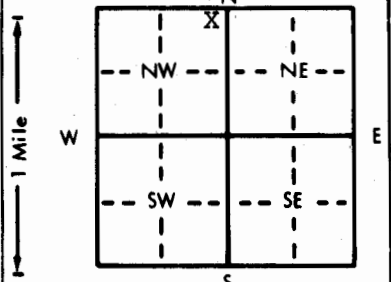


1 LOCATION OF WATER WELL: County: Ford Fraction: NE 1/4 NE 1/4 NW 1/4 Section Number: 31 Township Number: T 25 S Range Number: R 22 EW

Distance and direction from nearest town or city street address of well if located within city? Approximately 1 mile West of Spearville, Ks.

2 WATER WELL OWNER: City of Spearville RR#, St. Address, Box #: City, State, ZIP Code: Spearville, Ks. 67876 Board of Agriculture, Division of Water Resources Application Number:

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



4 DEPTH OF COMPLETED WELL: 220' ft. ELEVATION:

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL: 90 ft. below land surface measured on mo/day/yr 12/6/89 Pump test data: Well water was ... ft. after ... hours pumping ... gpm Est. Yield .40 gpm: Well water was 213 ft. after 2 hours pumping 42 gpm Bore Hole Diameter: ... in. to ... ft., and ... in. to ... ft. WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 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 Monitoring well Test well

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped

1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded Blank casing diameter 5 in. to 220 ft., Dia. in. to ... ft., Dia. in. to ... ft. Casing height above land surface 12 in., weight 2.9 lbs./ft. Wall thickness or gauge No. 265

TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)

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

SCREEN-PERFORATED INTERVALS: From 180 ft. to 220 ft., From ... ft. to ... ft. GRAVEL PACK INTERVALS: From 20 ft. to 70 ft., From 80 ft. to 220 ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Intervals: From 0 ft. to 20 ft., From 70 ft. to 80 ft., From ... ft. to ... ft.

What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below) 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage None observed

Direction from well? How many feet?

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, PLUGGING INTERVALS. Content: See log attached.

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) 9/6/89 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) 12/27/89 under the business name of Henkle Drilling & Supply Company, Inc. by (signature) Douglas A. Henkle

DRILLERS TEST LOG

CUSTOMER'S NAME: City of Spearville **DATE:** 9/6/89
STREET ADDRESS: _____ **TEST #** 18 **E. LOG** Yes
CITY & STATE: Spearville, Ks. 67876 **DRILLER** Wildeman
COUNTY Ford **QUARTER** NW **SECTION** 31 **TOWNSHIP** 25 **RANGE** 22
LOCATION 105' East & 405' South of #16.

Z	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL: _____
	From	Pay	TO		Proposed Well Depth:
	0		3	Top soil.	
	3		19	Sand fine & brown clay.	
	19		24	White clay & fine sand.	
	24		33	White clay, sand streaks & limerock.	
	33		42	Cemented sand, limerock & small gravel.	
	42		64	Sand fine to medium coarse. Small rock & gravel, tan & white rock (loose in places).	
	64		69	Yellow & gray clay.	
	69		89	Gray & black shale & few limerock streaks.	
	89		100	Gray soapstone.	
20	100	10	110	Sandstone, soapstone & brown rock (used water).	
	110		121	Yellow & gray soapstone & sandstone streaks.	
	121		138	Gray & Red soapstone. (Sticky).	
	138		157	Gray soapstone & sandstone streaks.	
15	157	7	164	Sandstone & soapstone streaks.	
	164		178	Red & gray soapstone (sticky).	
30	178	43	221	Sandstone & soapstone streaks (used lots of water).	
	221		250	Red & gray soapstone (sticky)	
				2½ Bags - Hi-Tek	
				3 Bags - Quick Gel	
				6 Bags - Bentonite Hole Plug	
				2 Buckets - Bentonite pellets	
				4 tons - #1 Fine gravel pack	
				DEPTH 5" PVC PERF 5" PVC PLAIN	
				220' - 180' 40'	
				180' - 0' 180'	
				PVC Cap on bottom.	
				Bentonite Plug at 75'.	
				Airlift for 1 hour.	

GARDEN CITY, KS 67846 HENKLE DRILLING & SUPPLY CO., INC. 316-277-2389
 3795 West Jones Ave.

IRRIGATION HEADQUARTERS

TEST HOLES * * * * * IRRIGATION & INDUSTRIAL WELLS * * * * * STOCK WELLS