

1 LOCATION OF WATER WELL		Fraction <u>Center of</u>	Section Number <u>36</u>	Township Number <u>T 26 S</u>	Range Number <u>R 35 E</u>
County: <u>Kearny</u>		$\frac{1}{4}$ $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$			
Distance and direction from nearest town or city? <u>Approx 15 1/2 miles south and 2 1/4 mile east of Deerfield</u>					
Street address of well if located within city?					
2 WATER WELL OWNER: <u>Hitch Family Farms</u>					
RR#, St. Address, Box #: <u>Box 1054</u>			Board of Agriculture, Division of Water Resources		
City, State, ZIP Code: <u>Garden City, ks. 67846</u>			Application Number: <u>33,591</u>		
3 DEPTH OF COMPLETED WELL: <u>460</u> ft. Bore Hole Diameter: <u>26</u> in. to . . . . . in. to . . . . . ft.					
Well Water to be used as:					
1 Domestic		3 Feedlot		5 Public water supply	
2 Irrigation		4 Industrial		6 Oil field water supply	
		7 Lawn and garden only		8 Air conditioning	
				9 Dewatering	
				11 Injection well	
				12 Other (Specify below)	
				10 Observation well	
Well's static water level: <u>174</u> ft. below land surface measured on <u>March</u> month <u>28</u> day <u>1980</u> year					
Pump Test Data: Well water was <u>210</u> ft. after <u>4</u> hours pumping <u>1315</u> gpm					
Est. Yield <u>+2000</u> gpm: Well water was . . . . . ft. after . . . . . hours pumping . . . . . gpm					
4 TYPE OF BLANK CASING USED:					
1 Steel		3 RMP (SR)		5 Wrought iron	
2 PVC		4 ABS		6 Asbestos-Cement	
				7 Fiberglass	
				8 Concrete tile	
				9 Other (specify below)	
				Casing Joints: Glued . . . . . Clamped . . . . .	
				Welded <u>X</u>	
				Threaded . . . . .	
Blank casing dia: <u>16</u> in. to <u>460</u> ft. Dia . . . . . in. to . . . . . ft. Dia . . . . . in. to . . . . . ft.					
Casing height above land surface: <u>12</u> in. weight <u>36.91</u> lbs./ft. Wall thickness or gauge No. <u>219"</u>					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel		3 Stainless steel		5 Fiberglass	
2 Brass		4 Galvanized steel		6 Concrete tile	
				7 PVC	
				8 RMP (SR)	
				10 Asbestos-cement	
				11 Other (specify)	
				12 None used (open hole)	
Screen or Perforation Openings Are:					
1 Continuous slot		3 Mill slot		5 Gauzed wrapped	
2 Louvered shutter		4 Key punched		6 Wire wrapped	
				7 Torch cut	
				8 Saw cut	
				11 None (open hole)	
Screen-Perforation Dia: <u>16</u> in. to <u>455</u> ft. Dia . . . . . in. to . . . . . ft. Dia . . . . . in. to . . . . . ft.					
Screen-Perforated Intervals: From <u>255</u> ft. to <u>365</u> ft. From <u>380</u> ft. to <u>400</u> ft.					
From <u>415</u> ft. to <u>455</u> ft. From . . . . . ft. to . . . . . ft.					
Gravel Pack Intervals: From <u>10</u> ft. to <u>460</u> ft. From . . . . . ft. to . . . . . ft.					
From . . . . . ft. to . . . . . ft. From . . . . . ft. to . . . . . ft.					
5 GROUT MATERIAL:					
1 Neat cement		2 Cement grout		3 Bentonite	
4 Other					
Grouted Intervals: From <u>0</u> ft. to <u>10</u> ft. From . . . . . ft. to . . . . . ft. From . . . . . ft. to . . . . . ft.					
What is the nearest source of possible contamination: <u>None observed</u>					
1 Septic tank		4 Cess pool		7 Sewage lagoon	
2 Sewer lines		5 Seepage pit		8 Feed yard	
3 Lateral lines		6 Pit privy		9 Livestock pens	
				10 Fuel storage	
				11 Fertilizer storage	
				12 Insecticide storage	
				13 Watertight sewer lines	
				14 Abandoned water well	
				15 Oil well/Gas well	
				16 Other (specify below)	
Direction from well . . . . . How many feet . . . . . ? Water Well Disinfected? Yes . . . . . No <u>X</u>					
Was a chemical/bacteriological sample submitted to Department? Yes . . . . . No <u>X</u> If yes, date sample					
was submitted . . . . . month . . . . . day . . . . . year: Pump Installed? Yes <u>X</u> No . . . . .					
If Yes: Pump Manufacturer's name: <u>Johnston</u> Model No. <u>12cc</u> HP <u>125</u> Volts					
Depth of Pump Intake: <u>305</u> ft. Pumps Capacity rated at <u>900</u> gal./min.					
Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other					
6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was					
completed on <u>March</u> month <u>23</u> day <u>1980</u> year					
and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>145</u>					
This Water Well Record was completed on <u>March</u> month <u>29</u> day <u>1980</u> year under the business					
name of <u>Henkle Drilling and Supply Co. Inc</u> by (signature) <u>Bruce J. Reichmuth</u>					
7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		FROM TO LITHOLOGIC LOG		FROM TO LITHOLOGIC LOG	
		See attached log			
ELEVATION:					
Depth(s) Groundwater Encountered 1. . . . . ft. 2. . . . . ft. 3. . . . . ft. 4. . . . . ft. (Use a second sheet if needed)					

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, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

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# DRILLERS TEST LOG

**CUSTOMERS NAME** HITCH FAMILY FARMS

**DATE** 3-14-80

**STREET ADDRESS** Box 1054

**TEST # 1**

**CITY & STATE** GARDEN CITY KS. 67846

**DRILLER** **MAI**

COUNTY KEARNY QUARTER NE

**SECTION 36**

**TOWNSHIP** 26

**RANGE 35**

**LOCATION** 30' North of Pivot

WELL LOCATION

	DRILLED FROM	PAY	FOOTAGE T	DESCRIPTION OF STRATA	STATIC WATER LEVEL 150' PROPOSED WELL DEPTH 455'
	0		32	SUFACE SAND	
	32		50	BROWN CLAY	
	50		58	BROWN CLAY & SAND FINE TO MED. COARSE	
	58		115	SAND FINE TO MED. COARSE SMALL TO LARGE GRAVEL FEW CEMENTED LEDGES FEW CLAY STKS.	
	115		130	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL	
	130		134	BROWN CLAY	
	134		154	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL	
	154		158	BROWN CLAY	
	158		165	SAND FINE TO MED. COARSE SMALL GRAVEL	
	165		175	BROWN CLAY	
58	175	49	224	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL VERY FEW CLAY STKS. USES LITTLE WATER VERY FEW CEMENTED LEDGES	
	224		241	BROWN & WHITE CLAY & WHITE ROCK	
	241		249	BROWN SANDY CLAY & SAND FINE TO MED. COARSE SMALL GRAVEL, LIMEROCK & VERY FEW LIMEROCK LEDGES	
35	249	19	268	SAND FINE TO MED. COARSE SMALL GRAVEL BROWN SANDY CLAY FEW WHITE CLAY & FEW CEMENTED LEDGES	
60	268	11	279	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL FEW CLAY STKS.	
70	279	43	322	SAND FINE TO MED. COARSE SMALL TO LARGE GRAVEL CEMENTED LEDGES DRILLS ROUGH VERY FEW CLAY STKS. USES LITTLE WATER	
	322		332	BROWN & WHITE CLAY & LIMEROCK	
40	332	3	335	SAND FINE TO SMALL FEW COARSE	
	335		356	BROWN & WHITE CLAY SAND STKS.	
40	356	5	361	SAND FINE TO MED. COARSE	
	361		379	BROWN & WHITE CLAY, STICKY, LIMEROCK & FEW FINE SAND STKS.	
30	379	14	403	SAND FINE & SMALL FEW COARSE BROWN CLAY & LIMEROCK DRILLS FIRM FEW LIMEROCK LEDGES	
	403	13	416	BROWN SANDY CLAY BROWN ROCK & SANDSTONE	
good	416	36	452	SANDSTONE FINE, FEW BROWN CHUNKS USES WATER ADDED $\frac{1}{4}$ SACK BRAN	
	452		500	GREY SOAPSTONE FEW RED CLAY STKS. & OIL SHALE STKS. STICKY	
		193			
				7 sacks quik-gel 1 lime $\frac{1}{4}$ bran set up north north west pits east	

**HENKLE DRILLING & SUPPLY CO., INC.**

**GARDEN CITY, KANSAS**

**Phone 276-3278**

SUBLETTE, KANSAS

Phone 675-4311

## TEST HOLES

## DOMESTIC WELLS

## STOCK WELLS

## IRRIGATION & INDUSTRIAL WELLS