

1 LOCATION OF WATER WELL County: <b>KEARNY</b>	Fraction <b>Near Center of</b> 1/4 1/4 SW 1/4	Section Number <b>11</b>	Township Number T <b>26</b> S	Range Number R <b>35</b> E <b>(W)</b>
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Distance and direction from nearest town or city?

**Approx 11 3/4 mi S & 1/4 E of Deerfield, KS**

Street address of well if located within city?

2 WATER WELL OWNER: **Hitch Family Farms**RR#, St. Address, Box #: **Box 1054**City, State, ZIP Code: **Garden City, Kansas 67846**

Board of Agriculture, Division of Water Resources

Application Number: **33,599**3 DEPTH OF COMPLETED WELL: **490** ft. Bore Hole Diameter: **24** in. to **490** 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 Observation well

Well's static water level: **135** ft. below land surface measured on **AUGUST** month **2** day **1980** yearPump Test Data: Well water was **207** ft. after **4** hours pumping **1280** gpmEst. Yield **1700** gpm: Well water was ft. after hours pumping gpm

4 TYPE OF BLANK CASING USED:

5 Wrought iron

8 Concrete tile

Casing Joints: Glued Clamped

1 Steel

3 RMP (SR)

6 Asbestos-Cement

9 Other (specify below)

Welded **X**

2 PVC

4 ABS

7 Fiberglass

Threaded

Blank casing dia: **16** in. to **490** ft. Dia in. to ft. Dia in. to ft.Casing height above land surface: **12** in. weight **36.91** lbs./ft. Wall thickness or gauge No. **.219**

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel

3 Stainless steel

5 Fiberglass

7 PVC

10 Asbestos-cement

2 Brass

4 Galvanized steel

6 Concrete tile

8 RMP (SR)

11 Other (specify)

9 ABS

12 None used (open hole)

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-Perforation Dia: **16** in. to **485** ft. Dia in. to ft. Dia in. to ft.Screen-Perforated Intervals: From **220** ft. to **270** ft. From **295** ft. to **315** ft.From **340** ft. to **360** ft. From **395** ft. to **485** ft.Gravel Pack Intervals: From **10** ft. to **485** 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 **0** ft. to **10** ft. From ft. to ft. From ft. to ft.What is the nearest source of possible contamination: **None Observed**

1 Septic tank

4 Cess pool

7 Sewage lagoon

10 Fuel storage

14 Abandoned water well

2 Sewer lines

5 Seepage pit

8 Feed yard

11 Fertilizer storage

15 Oil well/Gas well

3 Lateral lines

6 Pit privy

9 Livestock pens

12 Insecticide storage

16 Other (specify below)

13 Watertight sewer lines

Direction from well: How many feet? Water Well Disinfected? Yes No **X**Was a chemical/bacteriological sample submitted to Department? Yes No **X** If yes, date samplewas submitted month day year: Pump Installed? Yes **X** NoIf Yes: Pump Manufacturer's name: **Johnston** Model No. **12CC** HP **125** VoltsDepth of Pump Intake: **285** ft. Pumps Capacity rated at **900** 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 **JULY** month **30** day **1980** yearand 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 **AUGUST** month **20** day **1980** year under the businessname of **Henkle Drilling & Supply Co., Inc.** by (signature) *Bruce J. Richmuth*

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

FROM

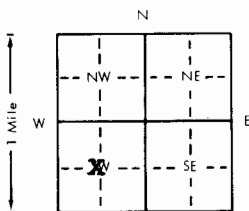
TO

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.

# DRILLERS TEST LOG

CUSTOMER NAME HITCH FAMILY FARMS DATE 5-7-80  
STREET ADDRESS Box 1054 TEST # 1  
CITY & STATE GARDEN CITY, KS. 67846 DRILLER Tim Mai  
COUNTY Leavenworth QUARTER SW SECTION 11 TOWNSHIP 26 RANGE 35  
LOCATION 30' N. of pivot

#	DRILLED FROM	PAY	FOOTAGE TO	DESCRIPTION OF STRATA	STATIC WATER LEVEL
					PROPOSED WELL DEPTH
	0		47	SURFACE SAND	
	47		53	BROWN CLAY	
	53		120	SAND FINE TO MED. COARSE SMALL TO LARGE GRAVEL CLAY STKS. & CALICHE LEDGES	FEW
	120		136	SAND FINE TO MED. COARSE SMALL & FEW MED. GRAVEL FEW SMALL CLAY STKS.	
	136		144	YELLOW & GREY CLAY	
	144		154	SAND FINE TO MED. COARSE SMALL GRAVEL	
	154		163	BROWN & GREY CLAY	
50	163	16	179	SAND FINE TO MED. COARSE SMALL GRAVEL	
	179		186	BROWN & GREY CLAY CEMENTED LEDGES & SAND STKS.	
55	186	09	195	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL	LOOSE
	195		208	GREY & BLUE CLAY FEW BLUE SAND STKS.	
	208		219	BROWN CLAY & LIMEROCK	
70	219	07	226	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL & FEW LARGE LOOSE USES LITTLE WATER FEW WHITE ROCK	
20	226	10	236	BROWN CLAY & SAND FINE TO MED. COARSE	
50	236	27	263	SAND FINE TO MED. COARSE SMALL & FEW MED. GRAVEL FIRM	
40	263	10	273	SAND FINE TO MED. COARSE SMALL GRAVEL & BROWN SANDY CLAY VERY FEW CEMENTED LEDGES	
	273		292	BROWN CLAY & LIMEROCK FEW SAND STKS. & GRAVEL STRINGERS	
55	292	21	313	SAND FINE TO MED. COARSE SMALL & FEW MED. GRAVEL FI WHITE ROCK LEDGES & VERY FEW CLAY STKS. USES LITTLE WATER	
	313		320	BROWN SANDY CLAY LIMEROCK STICKY IN PLACES	
	320		337	BROWN CLAY LIMEROCK & LIMEROCK LEDGES	
30	337	08	345	SAND FINE & BROWN CLAY LOOSE	
45	345	08	353	SAND FINE & SMALL	
20	353	27	380	BROWN CLAY FINE SAND STKS. & LIMEROCK STICKY	
	380		398	BROWN SOAPSTONE	
good	398	15	413	BROWN SANDSTONE & SAND FINE & FEW BROWN ROCK USES WATER	LOOSE
	413		418	BROWN SOAPSTONE	
good	418	06	424	GREY SANDSTONE FIRM	
good	424	60	484	BROWN SANDSTONE WHITE ROCK BROWN SOAPSTONE & GREY CLAY FEW BROWN & BLACK ROCK USES WATER	
	484		520	GREY CLAY & BROWN SOAPSTONE	

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