

LOCATION OF WATER WELL	Fraction <b>Near Center of</b>	Section Number	Township Number	Range Number
County: <b>KEARNY</b>	$\frac{1}{4}$ $\frac{1}{4}$ <b>SW</b> $\frac{1}{4}$	<b>14</b>	<b>T 26 S</b>	<b>R 35 EW</b>

Distance and direction from nearest town or city?

**Approx 12 3/4 mi. S & 1 mi 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**

Board of Agriculture, Division of Water Resources

City, State, ZIP Code: **Garden City, Kansas 67846**Application Number: **33,630**3 DEPTH OF COMPLETED WELL... **568**... ft. Bore Hole Diameter... **24**... in. to... **568**... 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... **146**... ft. below land surface measured on... **JULY**... month... **29**... day... **1980**... yearPump Test Data: Well water was... **230**... ft. after... **4**... hours pumping... **1328**... gpmEst. Yield **1300** 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... **568**... 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:

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-Perforation Dia... **16**... in. to... **565**... ft., Dia... in. to... ft., Dia... in. to... ft.Screen-Perforated Intervals: From... **237**... to... **257**... ft. to... **265**... to... **285**... ft., From... **290**... to... **320**... ft. to... **361**... to... **381**... ft.From... **425**... to... **565**... ft. to... ft., From... ft. to... ft.Gravel Pack Intervals: From... **10**... ft. to... **568**... 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**... No... **X**...If Yes: Pump Manufacturer's name... **Johnston**... Model No... **12CC**... HP... **125**... Volts...Depth of Pump Intake... **305**... 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... **25**... day... **1980**... year.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... **AUGUST**... month... **20**... day... **1980**... year under the businessname of **Henkle Drilling & Supply Co., Inc.** by (signature) **Bruce J. Reichmuth**

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

FROM

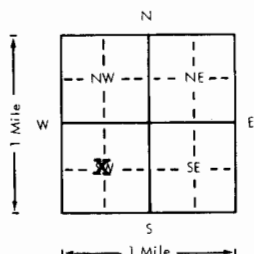
TO

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

T

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EW

SEC

1/4

1/4

1/4

# DRILLERS TEST LOG

CUSTOMERS NAME HITCH FAMILY FARMS

DATE 6-9-80

**STREET ADDRESS** Box 1054

**TEST # 4**

**CITY & STATE** Garden City, KS. 67846

**DRILLER** Tim Mai

COUNTY Kearny QUARTER SW SECTION 14 TOWNSHIP 26 RANGE 35

LOCATION 290' N. of pivot

	DRILLED FROM	PAY	FOOTAGE FT.	DESCRIPTION OF STRATA	STATIC WATER LEVEL PROPOSED WELL DEPTH
	0		38	SURFACE SAND	
	38		43	BROWN CLAY	
	43		55	SAND FINE TO MED.	
	55		83	SAND FINE TO MED. COARSE SMALL TO LARGE GRAVEL	
	83		96	BROWN CLAY & CEMENTED LEDGES	
	96		104	SAND FINE TO MED. COARSE	
	104		155	BROWN & BLUE CLAY VERY FEW SAND STKS.	
	155		185	MURKY BLUE CLAY & CEMENTED LEDGES	
	185		200	BLUE SAND FINE TO MED. COARSE, SMALL TO MED. GRAVEL & BLUE CLAY STKS.	
	200		210	GREY CLAY	
	210		226	BROWN CLAY FEW SMALL SAND STKS.	
50	226	05	231	SAND FINE TO MED. COARSE SMALL & FEW MED. GRAVEL	
	231		234	BROWN CLAY	
35	234	07	241	SAND FINE TO MED. COARSE SMALL & FEW MED. GRAVEL & BROWN CLAY BLUE ROCK & BLUE CLAY STKS.	
55	241	05	246	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL	
	246		260	BROWN CLAY	
60	260	11	271	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL LIMEROCK	
	271		277	BROWN CLAY & LIMEROCK	
50	277	06	283	SAND FINE TO MED. COARSE SMALL GRAVEL	
	283		300	WHITE & BROWN SANDY CLAY & SAND FINE TO MED. COARSE STKS.	
	300		319	WHITE & BROWN CLAY, LIMEROCK & FEW FINE SAND STKS.	
30	319	11	330	SAND FINE TO MED. LIMEROCK LEDGES CLAY STKS. & HARD BLUE CLAY STKS.	
	330		366	BROWN CLAY FEW HARD BLUE CLAY STKS. & LIMEROCK VERY FEW FINE SAND STKS. STICKY	
45	366	30	396	SAND FINE TO MED. & BROWN CLAY STRINGERS FEW WHITE ROCK	
45	396	06	402	SAND FINE TO MED. BROWN ROCK & TAN CLAY	
	402		433	BROWN SOAPSTONE GREY & WHITE CLAY STKS. & MED. SMALL RED ROCK	
141	433	118	551	WHITE SANDSTONE FEW BLACK ROCK, VERY FEW HARD BROWN SOAPSTONE & GREY & BLUE CLAY	LEDGES
	551		556	HARD BROWN CLAY	
	556		560	GREY SHALE & BLACK ROCK LEDGES	

HENKLE DRILLING & SUPPLY CO., INC.

**GARDEN CITY, KANSAS**

SUBLETTE, KANSAS

**Phone 276-3278**

Phone 675-4311

## TEST HOLES

## DOMESTIC WELLS

## STOCK WELLS

## IRRIGATION & INDUSTRIAL WELLS