

1 LOCATION OF WATER WELL		Fraction <u>Near center of</u>	Section Number <u>25</u>	Township Number <u>T 26 S</u>	Range Number <u>R 35 E</u>		
County: <u>Kearny</u>		<u>1/4</u> <u>1/4</u> <u>NW</u> <u>1/4</u>					
Distance and direction from nearest town or city? <u>Approx 1 1/2 south and 1 3/4 miles east of Deertfield</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>33,617</u>				
3 DEPTH OF COMPLETED WELL: <u>498</u> ft. Bore Hole Diameter: <u>26</u> in. to . . . . . ft., and . . . . . in. to . . . . . ft.							
Well Water to be used as:							
1 Domestic		3 Feedlot		5 Public water supply			
2 <u>Irrigation</u>		4 Industrial		6 Oil field water supply			
		7 Lawn and garden only		8 Air conditioning			
		10 Observation well		9 Dewatering			
				11 Injection well			
				12 Other (Specify below)			
Well's static water level: <u>152</u> ft. below land surface measured on <u>March</u> month <u>23</u> day <u>1980</u> year							
Pump Test Data: Well water was <u>234</u> ft. after <u>4</u> hours pumping <u>1420</u> gpm							
Est. Yield <u>1400</u> gpm: Well water was . . . . . ft. after . . . . . hours pumping . . . . . gpm							
4 TYPE OF BLANK CASING USED:							
1 <u>Steel</u>		3 RMP (SR)		5 Wrought iron			
2 <u>PVC</u>		4 <u>ABS</u>		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>498</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" w</u>							
TYPE OF SCREEN OR PERFORATION MATERIAL:							
1 <u>Steel</u>		3 Stainless steel		5 Fiberglass			
2 Brass		4 <u>Galvanized steel</u>		6 Concrete tile			
				7 PVC			
				8 RMP (SR)			
				9 ABS			
				10 Asbestos-cement			
				11 Other (specify)			
				12 None used (open hole)			
Screen or Perforation Openings Are:							
1 <u>Continuous slot</u>		3 Mill slot		5 Gauzed wrapped			
2 <u>Louvered shutter</u>		4 Key punched		6 Wire wrapped			
				7 Torch cut			
				8 Saw cut			
				9 Drilled holes			
				10 Other (specify)			
Screen-Perforation Dia: <u>16</u> in. to <u>498</u> ft. Dia . . . . . in. to . . . . . ft. Dia . . . . . in. to . . . . . ft.							
Screen-Perforated Intervals: From <u>225-240</u> ft. to <u>250-270</u> ft. From <u>300-320</u> ft. to <u>330-360</u> ft.							
From <u>380-400</u> ft. to <u>418-498</u> ft. From . . . . . ft. to . . . . . ft.							
Gravel Pack Intervals: From <u>10</u> ft. to <u>498</u> ft. From . . . . . ft. to . . . . . ft.							
From . . . . . ft. to . . . . . ft. From . . . . . ft. to . . . . . ft.							
5 GROUT MATERIAL:							
1 Neat cement		2 Cement grout		3 <u>Bentonite</u>			
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>12 CC</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 <u>Turbine</u> 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>20</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>26</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
				<u>See attached log</u>			
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

CUSTOMERS NAME HITCH FAMILY FARMS

DATE 3-11-80

STREET ADDRESS BOX 1054

TEST # 1

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

**DRILLER LIVINGSTON**

COUNTY KEARNY QUARTER NW SECTION 25 TOWNSHIP 26 RANGE 35

**LOCATION** 30' north of pivot

WELL LOCATION					
#	DRILLED FROM	PAY	FOOTAGE T	DESCRIPTION OF STRATA	STATIC WATER LEVEL PROPOSED WELL DEPTH
	0		27	SURFACE	
	27		35	BROWN CLAY	
	35		46	BROWN SANDY CLAY & SAND STKS.	
	46		79	SAND FINE TO MED. SMALL TO LARGE GRAVEL	
	79		120	BROWN CLAY & FEW CALICHE STKS.	
	120		162	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL & FEW CLAY STKS.	
50	162	38	200	GRAY CLAY & SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL	
	200		206	BLUE CLAY	
45	206	14	220	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL & BROWN SANDY CLAY	
	220		227	BROWN SANDY CLAY & FEW SAND STKS.	
70	227	13	240	SAND FINE TO MED. COARSE SMALL TO LARGE GRAVEL	
	240		254	BROWN SANDY CLAY & SAND STKS.	
40	254	16	270	SAND FINE TO MED. COARSE FEW SMALL GRAVEL & CLAY STKS.	
	270		298	GRAY & BROWN SANDY CLAY & FINE SAND STKS.	
65	298	24	322	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL FEW LIMEROCK LEDGES & CLAY STKS.	
	322		334	BROWN SANDY CLAY & FEW SAND STKS.	
45	334	6	340	SAND FINE TO MED. COARSE FEW SMALL GRAVEL & CLAY STKS.	
60	340	19	359	SAND FINE TO MED. COARSE SMALL GRAVEL	
	359		387	TAN SANDY CLAY LIMEROCK LEDGES	
30	387	13	400	SAND FINE SMALL FEW COARSE & CLAY STKS.	
	400		420	TAN SANDY CLAY FEW FINE SAND STKS. & LIMEROCK	STKS.
good	420	20	440	SANDSTONE & FEW SOAPSTONE STKS. & BROWN ROCK	
good	440	40	480	SANDSTONE DRILLS LOOSE IN PLACES	
good	480	15	495	SANDSTONE BROWN ROCK & SOAPSTONE DRILLS ROUGH	
	495		500	GRAY SOAPSTONE	
fair	500	8	508	SANDSTONE BROWN ROCK	
	508		540	GRAY & BLUE SHALE	
				total depth of well - 498'	
				set up west	
				dig pit in the north	

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