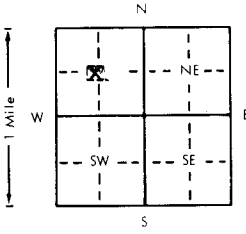


1 LOCATION OF WATER WELL		Fraction <b>Near Center of</b>	Section Number <b>14</b>	Township Number <b>T 26 S</b>	Range Number <b>R 35 E (W)</b>
County: <b>KEARNY</b>		$\frac{1}{4}$ $\frac{1}{4}$ <b>NW</b> $\frac{1}{4}$			
Distance and direction from nearest town or city? <b>Approx 12 1/2 mi S. &amp; 1/4 E. of Deerfield, KS</b>			Street address of well if located within city?		
2 WATER WELL OWNER: <b>Hitch Family Farms</b>			Board of Agriculture, Division of Water Resources		
RR#, St. Address, Box #: <b>Box 1054</b>			Application Number: <b>33,629</b>		
City, State, ZIP Code: <b>Garden City, Kansas 67846</b>					
3 DEPTH OF COMPLETED WELL: <b>595</b> ft. Bore Hole Diameter: <b>24</b> in. to <b>595</b> ft., and in. to ft.					
Well Water to be used as:					
1 Domestic 3 Feedlot		5 Public water supply		8 Air conditioning	
2 Irrigation 4 Industrial		6 Oil field water supply		9 Dewatering	
		7 Lawn and garden only		10 Observation well	
				11 Injection well	
				12 Other (Specify below)	
Well's static water level: <b>159</b> ft. below land surface measured on <b>JULY</b> month <b>31</b> day <b>1980</b> year					
Pump Test Data: Well water was <b>235</b> ft. after <b>4</b> hours pumping <b>1280</b> gpm					
Est. Yield <b>1550</b> 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 <b>X</b>	
				Threaded	
Blank casing dia. <b>16</b> in. to <b>595</b> ft. Dia. in. to ft. Dia. in. to ft.					
Casing height above land surface: <b>12</b> in., weight <b>36.91</b> lbs./ft. Wall thickness or gauge No. <b>219</b>					
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)	
				9 ABS	
				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	
				9 Drilled holes	
				10 Other (specify)	
				11 None (open hole)	
Screen-Perforation Dia. <b>16</b> in. to <b>590</b> ft. Dia. in. to ft. Dia. in. to ft.					
Screen-Perforated Intervals: From <b>245</b> to <b>265</b> ft. to <b>285</b> to <b>295</b> ft. From <b>300</b> to <b>350</b> ft. to <b>375</b> to <b>385</b> ft.					
From <b>440</b> to <b>460</b> ft. to <b>490</b> to <b>590</b> ft. From ft. to ft.					
Gravel Pack Intervals: From <b>10</b> ft. to <b>595</b> 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 <b>0</b> ft. to <b>10</b> ft. From ft. to ft. From ft. to ft.					
What is the nearest source of possible contamination: <b>None Observed</b>					
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 <b>X</b> No					
Was a chemical/bacteriological sample submitted to Department? Yes No <b>X</b> If yes, date sample					
was submitted month day year: Pump Installed? Yes <b>X</b> No					
If Yes: Pump Manufacturer's name: <b>Johnston</b> Model No. <b>12CC</b> HP <b>125</b> Volts					
Depth of Pump Intake: <b>345</b> ft. Pumps Capacity rated at <b>900</b> 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 <b>AUGUST</b> month <b>1</b> day <b>1980</b> year					
and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <b>145</b>					
This Water Well Record was completed on <b>AUGUST</b> month <b>20</b> day <b>1980</b> year under the business					
name of <b>Henkle Drilling &amp; Supply Co., Inc.</b> by (signature) <b>Bruce J. Reichmuth</b>					
7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		FROM	TO	LITHOLOGIC LOG	FROM
				<b>See Attached Log</b>	
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 6-10-80  
 STREET ADDRESS Box 1054 TEST # 2  
 CITY & STATE Garden City, KS. 67846 DRILLER Tim Mai  
 COUNTY Kearny QUARTER NW SECTION 14 TOWNSHIP 26 RANGE 35

LOCATION 290' E of pivot

WELL LOCATION

TOTAL DEPTH 595'

#	DRILLED FROM	PAY	FOOTAGE	DESCRIPTION OF STRATA	STATIC WATER LEVEL	PROPOSED WELL DEPTH
	0		50	SURFACE SAND		
	50		68	GREY CLAY		
	68		100	SAND FINE TO MED. COARSE SMALL TO LARGE GRAVEL		
				FEW SMALL CEMENTED LEDGES		
	100		134	BROWN CLAY FEW SAND STKS. & CEMENTED LEDGES		
	134		144	SAND FINE TO MED. COARSE SMALL TO MED. & FEW LARGE GRAVEL		
	144		160	BLUE & GREY CLAY VERY FEW CEMENTED LEDGES		
	160		206	BLUE MURKY CLAY		
	206		216	BLUE SAND & BLUE CLAY STKS.		
30	216	32	248	BROWN SANDY CLAY & SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL & FEW LARGE ROCK LEDGES FEW HARD BLUE CLAY STKS.		
60	248	12	260	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL, FEW SMALL CLAY STKS.		
	260		283	BROWN SANDY CLAY & SAND FINE TO MED. COARSE HARD CLAY STRINGERS		
65	283	11	294	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL WHITE ROCK LEDGE FEW HARD CLAY STRINGERS & VERY FEW SMALL CLAY STKS.		
	294		299	BROWN CLAY		
60	299	20	319	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL FEW CLAY STKS.		
45	319	15	334	BROWN CLAY & SAND FINE TO MED. COARSE SMALL GRAVEL FIRM		
55	334	07	341	SAND FINE TO MED. COARSE SMALL GRAVEL		
	341		346	TAN CLAY		
60	346	05	351	SAND FINE TO MED. COARSE SMALL GRAVEL USES WATER		
	351		374	WHITE & BROWN CLAY, LIMEROCK & FEW LIMEROCK LEDGES & FINE SAND STKS.		
50	374	12	386	SAND FINE TO MED. COARSE & LIMEROCK		
	386		393	BLUE & BROWN HARD CLAY		
	393		401	BROWN & WHITE SANDY CLAY SAND STKS.		
	401		418	BROWN & TAN CLAY STICKY		
45	418	04	422	FINE SAND & BROWN SANDSTONE & BROWN ROCK		
	422		426	WHITE CLAY		
fair	426	05	431	BROWN SANDSTONE & BROWN ROCK LEDGES		
	431		437	WHITE & YELLOW CLAY		
good	437	23	460	BROWN SANDSTONE FEW BROWN ROCK LEDGE USES WATER MUD HEAVY		
	460		490	GREY CLAY STICKY		
good	490	100	590	GREY SANDSTONE & GREY & BLUE CLAY BLACK ROCK LEDGE 505' USES LITTLE WATER		

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## DRILLERS TEST LOG

CUSTOMERS NAME HITCH FAMILY FARMS DATE 6-10-80  
 STREET ADDRESS BOX 1054 TEST # 2  
 CITY & STATE Garden City, KS. 67846 DRILLER Tim Mai  
 COUNTY Kearny QUARTER NW SECTION 14 TOWNSHIP 26 RANGE 35

LOCATION 290' E. of pivot

#	DRILLED FROM	PAY	FOOTAGE	DESCRIPTION OF STRATA	STATIC WATER LEVEL	PROPOSED WELL DEPTH
	590		600	HARD BROWN CLAY & GREY SHALE		