

1 LOCATION OF WATER WELL		Fraction <u>Center of</u>	Section Number <u>23</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 13 1/2 miles south and 1 1/4 miles 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>33,620</u>		
3 DEPTH OF COMPLETED WELL: <u>408</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	8 Air conditioning	11 Injection well
2 Irrigation		4 Industrial	6 Oil field water supply	9 Dewatering	12 Other (Specify below)
		7 Lawn and garden only	10 Observation well		
Well's static water level: <u>120</u> ft. below land surface measured on <u>April</u> month <u>15</u> day <u>1980</u> year					
Pump Test Data: Well water was <u>242</u> ft. after <u>4</u> hours pumping <u>1435</u> gpm					
Est. Yield <u>1260</u> gpm: Well water was ft. after hours pumping gpm					
4 TYPE OF BLANK CASING USED:					
1 Steel		3 RMP (SR)	5 Wrought iron	8 Concrete tile	Casing Joints: Glued Clamped
2 PVC		4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded <u>X</u>
			7 Fiberglass		Threaded
Blank casing dia: <u>16</u> in. to <u>408</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	8 RMP (SR)	11 Other (specify)
2 Brass		4 Galvanized steel	6 Concrete tile	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: <u>16</u> in. to <u>403</u> ft. Dia in. to ft. Dia in. to ft.					
Screen-Perforated Intervals: From <u>217-227</u> ft. to <u>248-288</u> ft. From <u>325-335</u> ft. to <u>341-351</u> ft.					
Gravel Pack Intervals: From <u>10</u> ft. to <u>408</u> 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	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 <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 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>April</u> month <u>15</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>May</u> month <u>8</u> day <u>1980</u> year under the business name of <u>Henkle Drilling and Supply Co., Inc.</u> by (signature) <u>Bruce 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.					

DRILLERS TEST LOG

CUSTOMERS NAME HITCH FAMILY FARMS DATE 4-8-80
 STREET ADDRESS BOX 1054 TEST # 4
 CITY & STATE GARDEN CITY, KS. DRILLER Tim MAI
 COUNTY KEARNY QUARTERNE SECTION 23 TOWNSHIP 26 RANGE 35

LOCATION 290' East of pivot

	DRILLED		FOOTAGE	DESCRIPTION OF STRATA	STATIC WATER LEVEL
	FROM	PAY	TO		PROPOSED WELL DEPTH
	0		23	SURFACE	
	23		27	BROWN SANDY CLAY	
	27		78	SAND FINE TO MED. COARSE SMALL TO LARGE GRAVEL & COBBLESTONE	
	78		87	GREY CLAY & CEMENTED LEDGES	
	87		125	BLUE CLAY MURKY & HARD LEDGES	
	125		139	BROWN & YELLOW CLAY FEW CEMENTED LEDGES	
40	139	27	166	SAND FINE TO MED. COARSE SMALL GRAVEL, CLAY STKS. & FEW CEMENTED LEDGES	
	166		170	BROWN CLAY	
	170		217	BROWN CLAY VERY FEW SAND STKS. & CEMENTED LEDGES STICKY IN PLACES	
50	217	08	225	SAND FINE TO MED. COARSE SMALL GRAVEL FEW CLAY STKS. & CEMENTED LEDGES	
	225		248	BROWN CLAY, STICKY IN PLACES FEW ROCK LEDGES	
50	248	07	255	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL CLAY STKS., & FEW LIMEROCK LEDGES	
55	255	18	273	SAND FINE TO MED. COARSE SMALL & FEW MED. GRAVEL LIMEROCK & VERY FEW CLAY STKS. DRILLS FIRM	
	273		275	HARD BLUE CLAY	
50	275	08	283	SAND FINE TO MED. COARSE SMALL & FEW MED. GRAVEL FEW WHITE CLAY STKS.	
	283		326	BROWN CLAY, LIMEROCK, FEW LIMEROCK LEDGES & HARD BROWN CLAY STKS. FEW FINE TO MED. SAND STKS.	
40	326	05	331	SAND FINE & SMALL	
	331		342	BROWN CLAY, LIMEROCK & FINE TO MED. SAND STKS.	
35	342	09	351	SAND FINE TO MED. BROWN & WHITE CLAY & LIMEROCK	
	351		373	BROWN CLAY STICKY IN PLACES FIRM & SANDY IN PLACES FEW FINE TO MED. SAND STKS. & LIMEROCK FEW HARD BLUE CLAY STKS.	
55	373	23	396	SAND FINE TO MED. COARSE BROWN & TAN ROCK LOOSE	
60	396	07	403	SAND FINE TO MED. COARSE SMALL TO MED. BROWN & TAN ROCK BROWN CLAY STRINGERS	
	403		426	BROWN & GREY SOAPSTONE STICKY HARD BLUE & BROWN CLAY STKS. FEW RED CLAY & RED ROCK STKS.	
	426		434	BROWN & GREY SOAPSTONE DRILLS VERY FIRM	
	434		460	GREY SOAPSTONE FIRM	
				SET UP WEST	PITS NORTH

HENKLE DRILLING & SUPPLY CO., INC.

GARDEN CITY, KANSAS

Phone 276-3278

TEST HOLES

DOMESTIC WELLS

STOCK WELLS

IRRIGATION & INDUSTRIAL WELLS

SUBLETTE, KANSAS

Phone 675-4311